STATE ROUTE SYSTEM

COUNTY OF MAUI

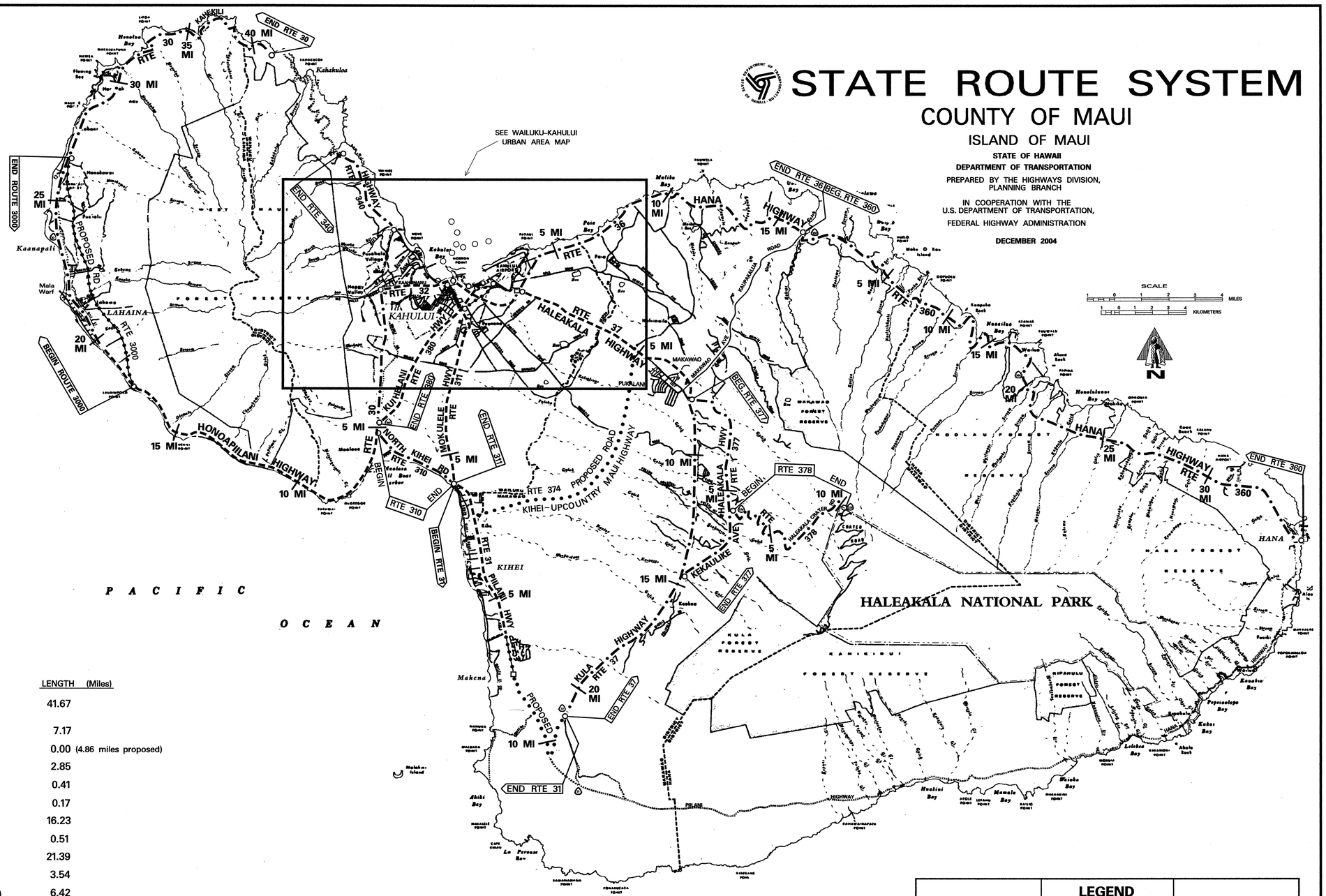
ISLAND OF MAUI

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 2004



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.

1

STATE ROUTE SYSTEM

COUNTY OF MAUI

ISLAND OF MAUI

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

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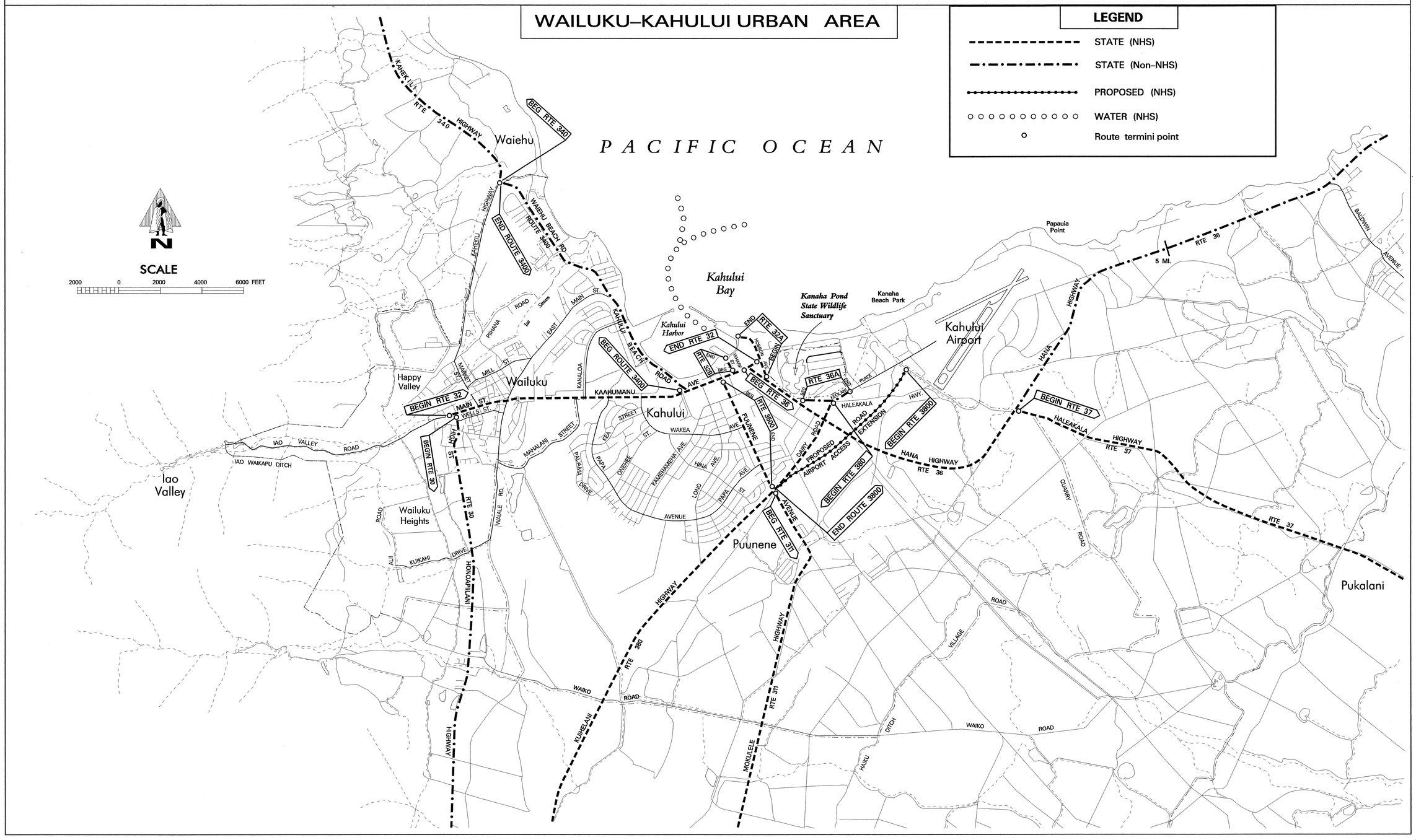
DECEMBER 2004

WAILUKU–KAHULUI URBAN AREA



Date Released
Dec 2002, AK
Revised
Jan. 04 | DB

2

STATE ROUTE SYSTEM

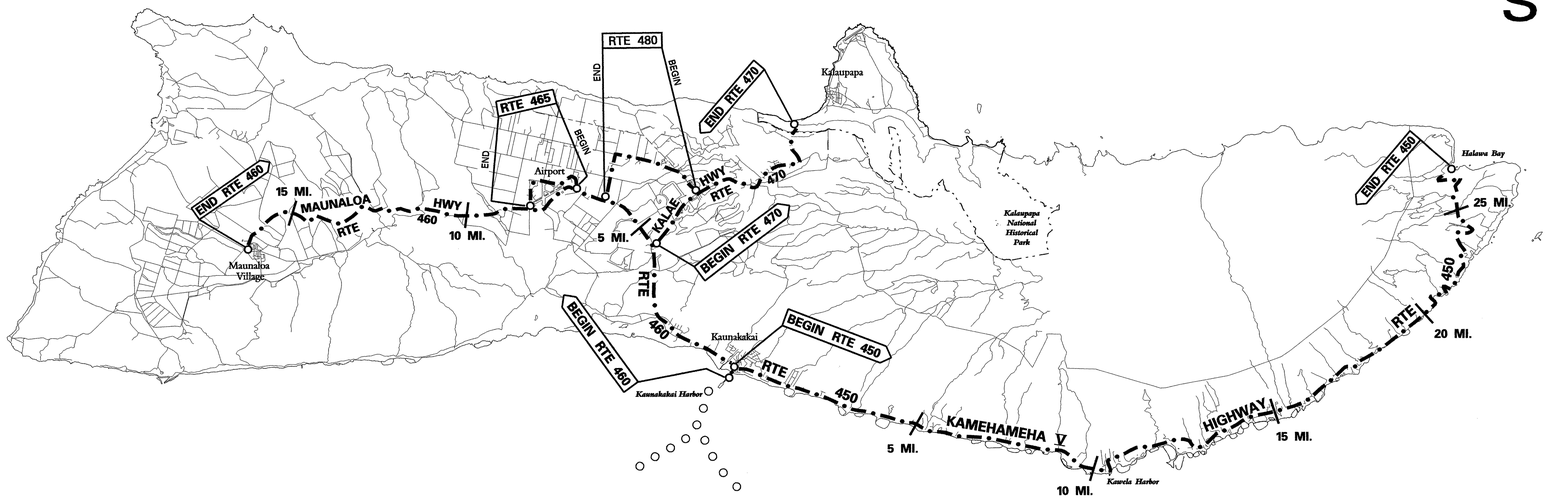
COUNTY OF MAUI

ISLANDS OF MOLOKAI & LANAI

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

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

DECEMBER 2004



KALOHI CHANNEL

PACIFIC OCEAN

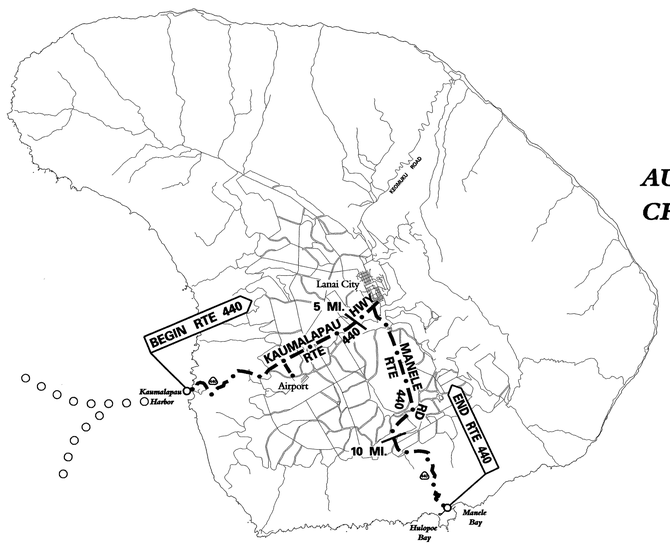
AUAU CHANNEL

N

SCALE

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS



LEGEND

STATE (Non–NHS)

WATER (NHS)

Route termini point

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

Date Released	
Dec 2002, JK	
Revised	
Jun. 04	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

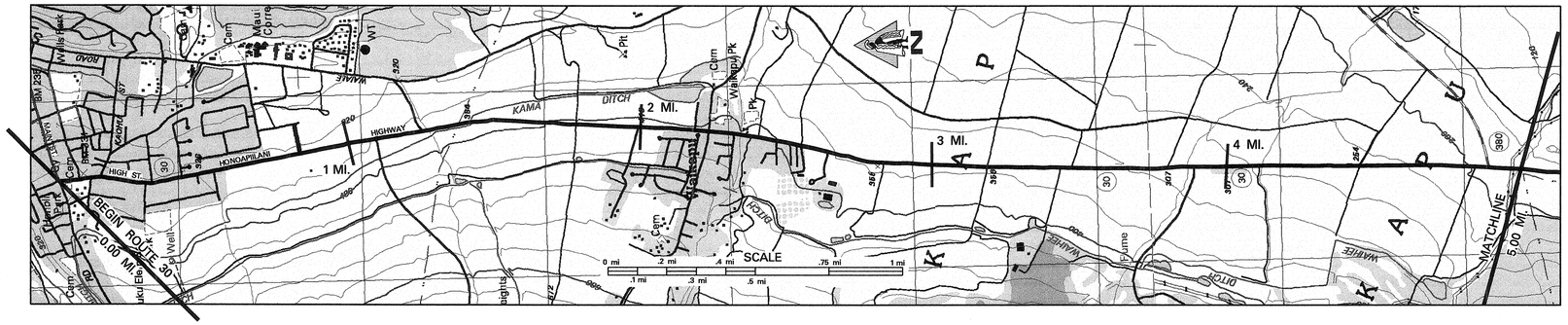
Total Route Length: 41.67 miles

a. Survey Length: 41.67 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

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.

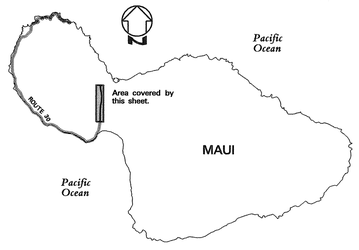
Right of Way Fence: Type – Right and Left Pipe Fence | Stone Wall | Chain Link

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

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

Project No., Type of Construction, and Year Constructed 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

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

0.00 mi.

HIGH ST. | Kaohu St. End Divided Hwy | Wells St. | Begin Div. Hwy | End Divided Hwy | Kahookele St. | Begin Divided Hwy | Koio Pl. | Keanu St. | Kehalani Parkway | SC Culvert | Culvert | Kuikahi St. | Culvert | Waiale Rd. | End Divided Hwy | HONOAPIILANI | Cane Haul Rd. | Begin Divided Hwy | Piikana Pl. | SA Culvert | Waiko Rd. | End Div. Hwy | Wilkinpa Pl. | Wilkinpa Br. | Begin Divided Hwy | Olioli Pl. | Lohuapoao Pl. | Maui Tropical Plantation Rd. | End Divided Hwy | HIGHWAY | Cane Haul Rd. to Quarry | Rd. to Golf Cource | Speed Monitoring Station | Begin Divided Hwy | ECB | Culvert | End Divided Hwy | Gravel Road | Begin Divided Hwy | Kuihelani Hwy (Rte 380) | Pohakea Br.

Augoni St. | Mokae St. | Kalmonia Development | 1 MP | 2 MP | 3 MP | 4 MP | 4.76 mi.

Indicates Grass & / or Physical Barrier on Median.

0.13 mi. | 0.10 mi. | 0.06 mi. | 0.33 mi. | 0.29 mi. | 0.27 mi. | 0.46 mi. | 0.42 mi. | 0.53 mi. | 0.77 mi. | 0.92 mi. | 1.03 mi. | 0.99 mi. | 1.09 mi. | 1.26 mi. | 1.25 mi. | 1.23 mi. | 1.77 mi. | 1.88 mi. | 1.99 mi. | 1.98 mi. | 2.32 mi. | 2.28 mi. | 2.18 mi. | 2.46 mi. | 2.54 mi. | 2.50 mi. | 2.62 mi. | 2.75 mi. | 3.00 mi. | 3.46 mi. | 3.42 mi. | 3.80 mi. | 3.77 mi. | 3.92 mi. | 3.87 mi. | 4.00 mi. | 4.07 mi. | 4.10 mi. | 4.44 mi. | 4.67 mi. | 4.88 mi. | 4.96 mi.

CONTINUED ON SHEET 2. 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway – Undivided

Shoulder: Width and Type 4'–6' AC | 6' AC | 4' AC/10' Grass | 6' AC | (20' AC) | 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 | (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 | (32' Grass)

Median Barriers: (8' Paint) | 8'–38' Grass (20' Grass)

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

Pavement: Width and Type (14' AC) | (23' AC) | 12' AC | 12' AC | 12' AC | 12' AC | 12' AC | 24' AC

Shoulder: Width and Type 6' AC | 4' AC/2' Grass | 6' AC | 6' AC | 6' AC | 8' AC

Number of Traffic Lanes 1–12' | 1–14' | (1–23') | 2–12' | 2–10' | 2–12' | 1–12' | 2–12' | 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) 9' (L) Turn Lanes | 8' Parallel Parking | 12' Turn Lanes | 10' Turn Lanes | 12' Turn Lanes | 12' Turn Lanes | (Transition Lane 0–12') | 12' Turn Lane

(Right Side) 12' Turn Lane

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

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

Curb and/or Gutter: Type (Right and Left) Conc. Curb | Conc. C. | AC Curb | 2' Conc. C & G | 2' Conc. C & G | 2' Conc. Curb & Gutter | 2' Conc. Curb & Gutter

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts except where indicated.

Illumination: Type, Location and Number MV | 14 HPS

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative 0.77 | –1 | 1.54 | 1.64 | +1 | 1.81 | 3.54 | +3 | 4.30 | 4.34 | +3 | 4.61 | 4.80 | +3

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urban | 1.77 | Rural

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

Speed: 1–Design, 2–Posted 20 MPH (2) | 35 MPH (2) | 20 MPH (2) | 45 MPH (2) | 35 MPH (2) | 45 MPH (2) | 30 MPH (2) | 45 MPH (2) | 45 MPH (2) | 45 MPH (2) | 55 MPH (45 MPH Minimum) (2) | 45 MPH (2) | 45 MPH (Minimum 35 MPH) (2) | 45 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 (NH–030–1(25) R, 1996)

HWY–M–02–91M, 1992 (R) | 30D–01–82M (Resurface) 1982 | 30C–01–92 M (R) 1993 | (RSG–0380(8) Traffic Signals (30D–01–82M R, 1982)

30BC–01–70, 1970

HPMS County | FAP–13G 1936

0.14mi. | 0.18mi. | 0.23 mi. | 0.71 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

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
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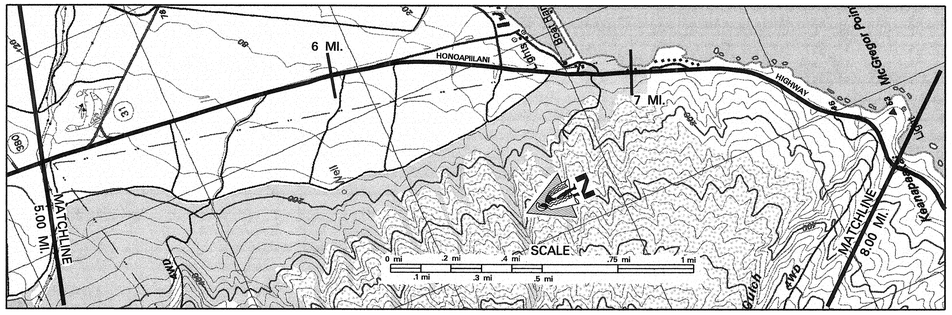
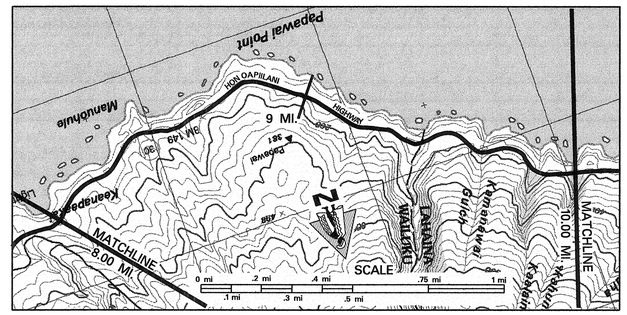
FEDERAL HIGHWAY ADMINISTRATION

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

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description
30 D (4.88 MI.) | End 30 C – Beg. 30 D on Honoapiilani Hwy 450' South of Projected Centerline Intersection of the North Spur to Kihei Road. | 30 C (15.33 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations
30 03 (0.32 MI.) | 30 04 (0.91 MI.) | 30 05 (13.61 MI.)

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

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

Right of Way Width (min.–max.) if varies
85' – 195' | 160'–180' | 80'–100' | 70' – 125' | 70' – 160' | Brush and Trees | 120'–490'

Available Right of Way Width (Needs Study)
1000' Clear, Sugar Cane Field 25' From E.P. | 1000' Clear, Pineapple Field, 35' from E.P. | Residential Area | Wire on Wood | None | Rock Fall Protection

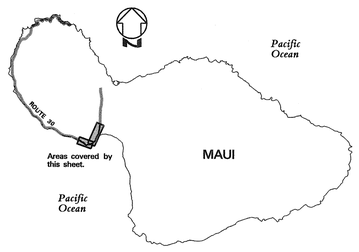
Right of Way Fence: Type – Right and Left
Wire on Wood | Wire on Wood | Wire on Wood | Wire on Wood | Wire

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
NH–030–1(28), Widening, 2003 | STP–0900(53), 2002 Guardrail & Shldr. Imp. | STP–0900(53), 2002 Guardrail & Shldr. Imp.

Project No., Type of Construction, and Year Constructed
BR-NH-030-1(24) Bridge & Widening, 2002 | NH–030–1(25) Resurface 1996 | HWY–M–01–99M (R) 2000
(30C–01–88M (R) 1988) | (ROS–030–1(14), Imp. 1979)



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 1.
5.00 mi.

Sta. 90 5.22 mi. North Kihei Rd. (Rte 310)
Indicates Grass & / or Physical Barrier on Median.
Rd. to Maalaea Village
Kapoli St.
Maui Ocean Center End Divided Hwy
Maalaea Spur
Sta. 10A 6.82 mi. Road to Maalaea Boat Harbor
Ma'alaea Bay Place
Road
Begin Divided Hwy
Scenic Lookout Entrances
End Divided Hwy
Rd. to Lookout

HONOAPIILANI 6 MP | 6 MP | 7 MP | 8 MP | HIGHWAY 9 MP

5.22 mi. | 5.97 mi. | 6.11 mi. | 6.36 mi. | 6.51 mi. 6.49 mi. | 6.70 mi. 6.68 mi. | 6.82 mi. | 7.00 mi. 6.98 mi. | 8.03 mi. | 8.18 mi. | 8.50 mi. | 8.76 mi. 8.69 mi. 8.68 mi. | 8.80 mi. | 9.03 mi. | 9.92 mi.

CONTINUED ON SHEET 3.
10.00 mi.

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway – Undivided
- **Shoulder: Width and Type** (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)
- **Pavement: Width and Type**
- **Shoulder: Width and Type** (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)

Divided Highway
- **Median: Width and Type**
- **Median Barriers:**
- **Shoulder: Width and Type**
- **Pavement: Width and Type**
- **Shoulder: Width and Type** (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)

10' AC | 8' AC | 4'–6' AC | 6'–8' AC | 4'–6' AC | 6'–8' AC | 8'–10' AC
24' AC | 12' AC | 24' AC | 36' AC | 24' AC | 14' AC | 24' AC
4' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 8'–10' AC
32' Grass | 22' Grass | 0–10' Paint | 0–14' Painted AC
4' AC | 0 | 0
24' AC | 12' AC | 14' AC
8'–10' AC | 6'–8' AC | 6'–8' AC

Number of Traffic Lanes
4–12' | (1–12') (2–12') | 2–12' | 2–12' 1–12' | 2–12' | 2–14' | 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 12' TLs.)
(Right Side) (All 12' TLs.)
11' Turn Lane | 11' Merge Lane

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number (All Metal on Metal except where indicated)

Illumination: Type, Location and Number
15 HPS

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative
+3

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Rural

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

Speed: 1–Design, 2–Posted
45 MPH (2) | 45 MPH (Min. 35 MPH) (2) | 45 MPH (Min. 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
NH–030–1(25) Resurface 1996
(30C-01-92M (R) 1993) | HWY–M–01–99M (R) 2000
(30D-01-92M (R) 1982) | 30C-01-86M (R) 1986 | 30C-01-88M (R) 1988 | ROS-030-1(14) Safety Imprv. 1979 | 30C-01-90M (R) 1990 | HES-STP-030-1(20) 1994 | 30C-01-90M (R) 1990
30CD-01-84(Shldr. Imprv.) 1985 | LT–M–01–78 (R) 1979
30BC-01-70 1970 | 30BC-01-71, (R) 1971 | Resurf 1950 | 30C-01-75M Resurf 1975 | ROS-030-1(12) 1977
FAP – 13G 1936 | NRH – 13C 1934 | NRH – 13D 1935 | F-30(5) 1953

HPMS
(2.12 Mi.)

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

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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Total Route Length: 41.67 miles

a. Survey Length: 41.67 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

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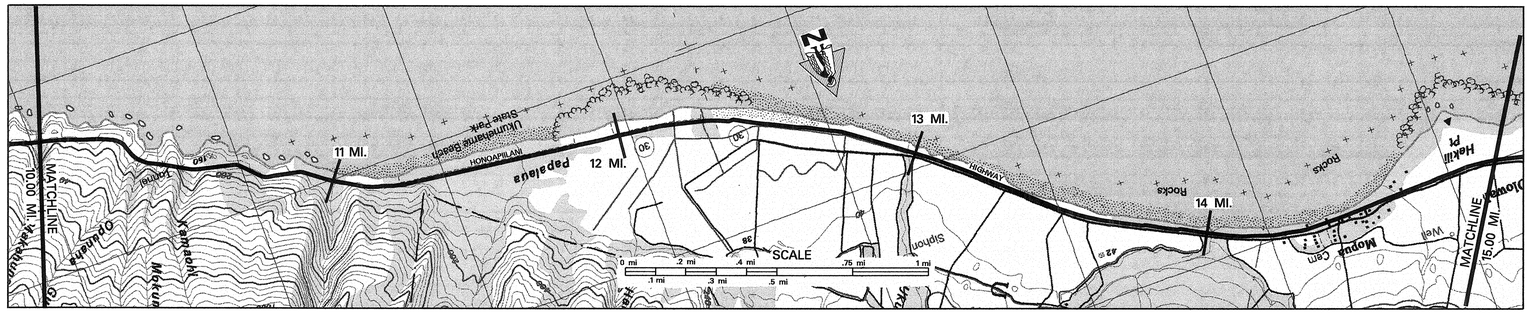


SCALE: (In Miles) 4" = 1 mile

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)

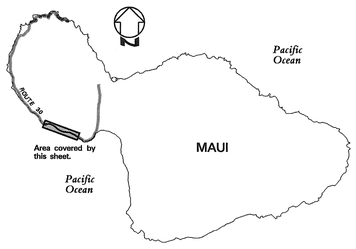
Right of Way Fence: Type – Right and Left

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

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts except where otherwise indicated. x = Conc. Barrier

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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

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

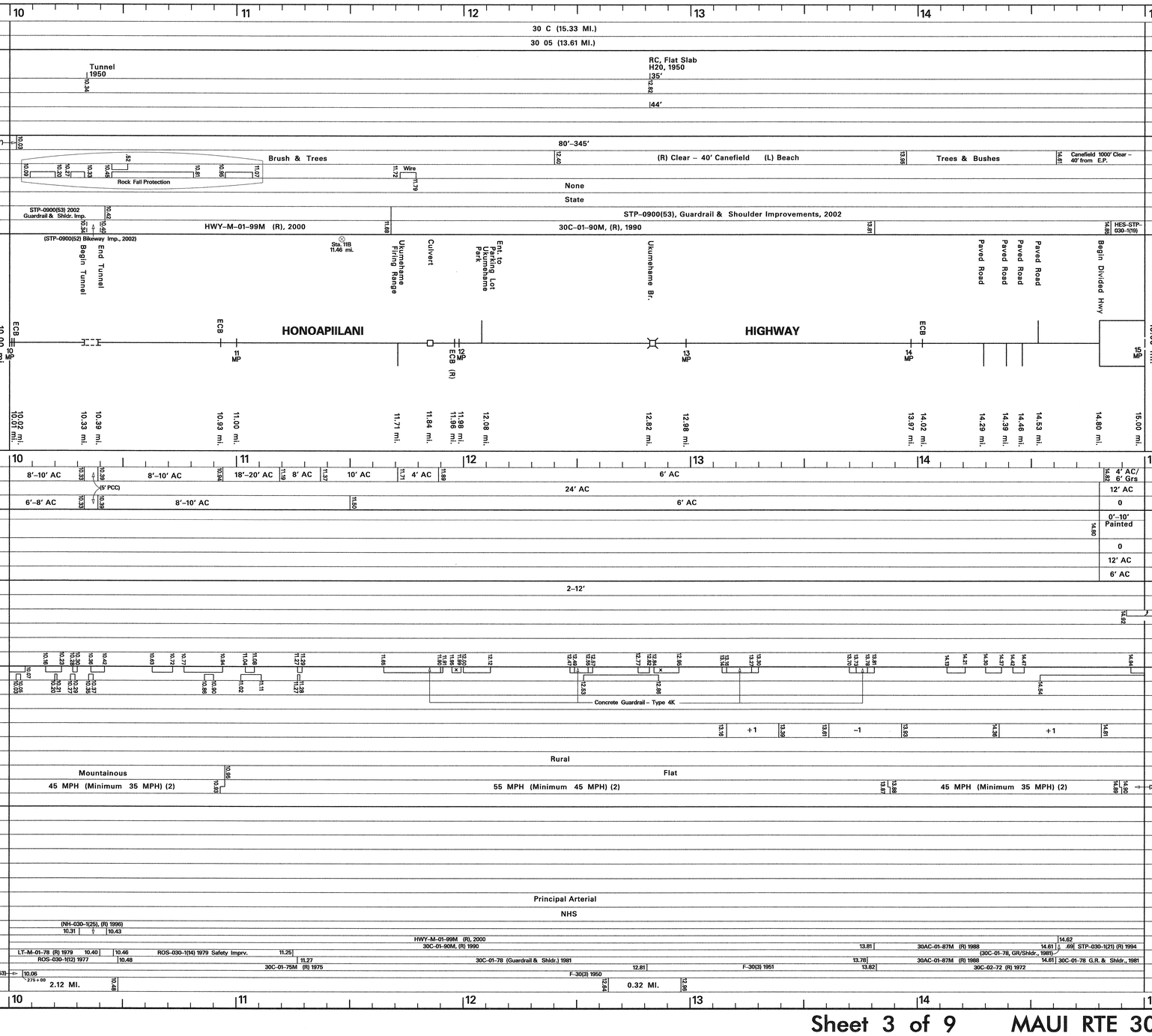
Functional Classification

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

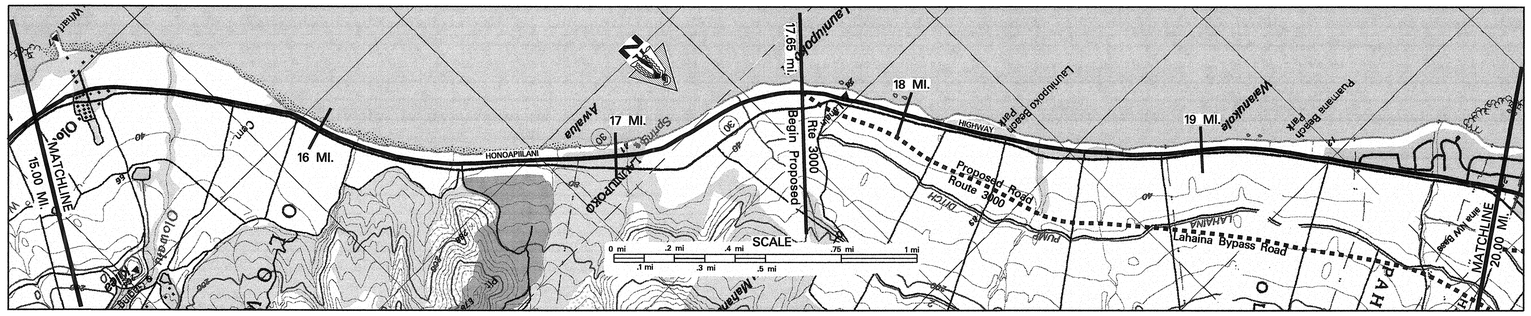
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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

15 16 17 18 19 20

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) | 30 06 (0.81 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
RC, Flat Slab H15, 1938 | RC Flat Slab, 1938, H15 | RC Flat Slab, 1938, H15 | Conc. Slab, 1971, HS 20

Vertical Clearance
62' | 26' | 42' | 27'

Horizontal Clearance
24' | 24' | 24' | 44'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
80'–345' | 70'–80' | 76'–280'

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

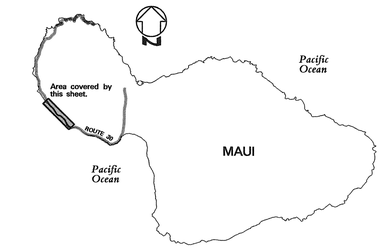
Right of Way Fence: Type – Right and Left
Wood Fence 30' from E.P.

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 | (STP–0900(53) G.R./Shldr., 2002)

Project No., Type of Construction, and Year Constructed
HES–STP–030–1(19) | STP–030–1(21), R, 1994 | 30ABC–01–97M, R, 1998



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 3.

Paved Rd. | End Divided Hwy | Sta. CtlA 15.30 mi. Olowalu Br. "A" | Begin Divided Hwy | Road | End Divided Hwy | Begin Divided Hwy | Rd. to Refuse Disposal Site | End Divided Hwy | Olowalu Br. "B" | Culvert | HONOAPIILANI | Sta. CtlA 17.27 mi. Launupoko Br. | Culvert | Culvert | Culvert | Culvert (Rte 3000) Beg. Proposed Rd. | Culvert | Begin Divided Hwy | Launiupoko Park (L) | Kaʻi Hale Kū Kuʻi (R) | End Divided Hwy | Culvert | HIGHWAY | Culvert | Culvert | Entrance to Launiupoko Beach Park | Culvert | Begin Divided Hwy | Sta. 75E 19.69 mi. Kaanuela Strm Br. | Front St. | Aholo Rd. | End Divided Hwy

15.00 mi. | 15.04 mi. | 15.22 mi. | 15.32 mi. | 15.39 mi. | 15.48 mi. | 15.55 mi. | 16.00 mi. | 16.20 mi. | 16.30 mi. | 16.31 mi. | 16.48 mi. | 16.63 mi. | 16.84 mi. | 17.01 mi. | 17.27 mi. | 17.39 mi. | 17.48 mi. | 17.59 mi. | 17.65 mi. | 17.70 mi. | 17.79 mi. | 17.93 mi. | 18.06 mi. | 18.18 mi. | 18.28 mi. | 18.50 mi. | 18.75 mi. | 18.89 mi. | 19.12 mi. | 19.18 mi. | 19.56 mi. | 19.58 mi. | 19.69 mi. | 19.86 mi. | 19.97 mi. | 20.00 mi.

CONTINUED ON SHEET 5.

SCALE: (In Miles) 4" = 1 mile

15 16 17 18 19 20

Divided Highway – Undivided

Shoulder: Width and Type (Combination Shldr/Bikelane from 6.83mi. to 20.23mi.)
4' AC/10' Grass | 6' AC | 8' AC | 6' AC | 10' AC | 8' AC | 6' AC | 8' AC | 4'–6' AC | 8' AC

Pavement: Width and Type
12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 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 | 6' AC | 5' AC/10' Dirt | 6'–8' AC | 0

Median: Width and Type
0–10' Painted | 0'–3' Painted AC | 0–11' Painted | 10' Paint | 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)
10' T.L.s | 11' T.L. | 10' T.L.s

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise indicated. x = Conc. Barrier
x | x | Wood

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Rural | Urban

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

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

Intersection Control Devices: Type, Location and Cycle Timing

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

HPMS
2.43 MI.

SCALE: (In Miles) 4" = 1 mile

15 16 17 18 19 20

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Total Route Length: 41.67 miles
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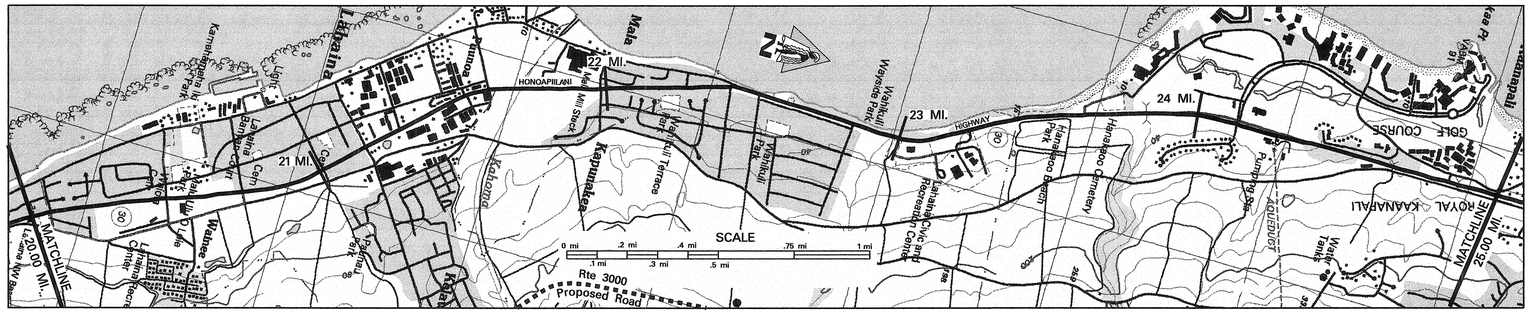

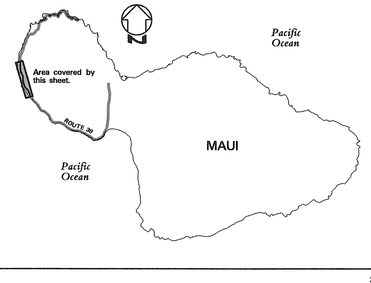

Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile	20 | 21 | 22 | 23 | 24 | 25
Maintenance Control Sections : Length and Description	30 C (15.33 MI.) | End 30 B, Beg 30 C on Honoapiilani Hwy at the centerline intersection with Prison St. | 30 B (1.75 MI.) | End 30 A, Beg 30 B on Honoapiilani Hwy at the centerline intersection with Wahikuli Rd. | 30 A (13.59 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	30 06 (0.81 MI.) | 30 07 (0.43 MI.) | 30 08 (0.13 MI.) | 30 09 (0.69 MI.) | 30 10 (0.43 MI.) | 30 11 (1.71 MI.) | 30 12 (1.28 MI.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC Twin Box Culvert, 1957 H 20 | Tee Beam 1969 | Pre Stressed Concrete Girder HS–20–44, 1969,1999
Structure Carrying Road — Vertical Clearance	44' | 45'–4"
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' | 80'–190'
Available Right of Way Width (Needs Study)	(R) 1000' Clear Cane Field, 50' from E.P. (L) Beach & Residential Area | Residential | Clear Canefield | Residential | Brush & Trees | Residential/Recreation
Right of Way Fence: Type – Right and Left	Various Chain Link | Various Chain Link | Chain Link Various | Rock Fall Protection
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	(STP–030–1(29), Inter. Impr. @ Dickenson St., 1999)
Project No., Type of Construction, and Year Constructed	30ABC–01–97M, R, 1998 | STP–030–1(31) (Resurf & Widen) 1999

20.00 mi. CONTINUED FROM SHEET 4.

End Divided Hwy 20.00 mi. · Begin Divided Hwy 20.11 mi. · Shaw St. 20.25 mi. · Driveway & End Divided Highway Prison St. 20.50 mi. · Begin Divided Hwy 20.55 mi. · Dickenson St. 20.71 mi. · Sta. 25G 20.78 mi. · Lahainaluna Rd. 20.93 mi. · Sta. 25C 20.93 mi. · Papalaua St. 21.06 mi. · Sta. 25D 21.06 mi. · End Divided Hwy 21.16 mi. · Beg Div. Hwy 21.24 mi. · Sta. 25J 21.31 mi. · Kenui St. 21.38 mi. · Kehoma Br. 21.49 mi. · Kaawa St. 21.56 mi. · Sta. 25D 21.49 mi. · Sta. 25H 21.75 mi. · Kapunakea St. 21.75 mi. · End Divided Hwy 21.85 mi. · Begin Divided Hwy 21.97 mi. · Sta. 25F 22.26 mi. · Front St. 22.07 mi. · Wahikuli Rd. 22.18 mi. · End Divided Hwy 22.28 mi. · Begin Divided Hwy 22.44 mi. · Kanilau Rd. 22.61 mi. · Recreation Center Rd. 22.76 mi. · Sta. 26 22.99 mi. · Entrance to Wahikuli State Park Divided Hwy 22.94 mi. · Entrance to Wahikuli State Park 22.97 mi. · Civic Ctr. Rd. 23.06 mi. · Entrance to Wahikuli State Park 23.14 mi. · Begin Divided Hwy 23.24 mi. · Hanakaoo Beach Park 23.38 mi. · End Divided Hwy 23.47 mi. · Golf Course Overpass & Telemetry Sta. 23.57 mi. · Culvert 23.58 mi. · Begin Divided Hwy 23.71 mi. · Sta. 12A 23.89 mi. · Lipoa St. 23.77 mi. · Honoapiilani Parkway 23.89 mi. · Halelo St. 23.93 mi. · Parking Area Kualapa Loop Bridge O.P. 24.04 mi. · Kekaa Drive 24.41 mi. · 24.46 mi. · 24.60 mi. · 24.95 mi. · 25.00 mi.

HONOAPIILANI HIGHWAY

Indicates Grass & / or Physical Barrier on Median.

CONTINUED ON SHEET 6.

SCALE: (In Miles) 4" = 1 mile	20 | 21 | 22 | 23 | 24 | 25
Divided Highway — Undivided — Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.)	8' AC | 4'–6' AC
Divided Highway — Undivided — Pavement: Width and Type	24' AC | 12' AC | 22' AC | 22' AC | 44' AC | 22' AC | 21' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC
Divided Highway — 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 | 0 (11' AC) | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 (0'–10' Painted Median) | 0
Divided Highway — Divided — Median: Width and Type	10' Paint | 0–10' Paint | 0–12' Paint | 0–11' Paint | 0–11' Paint | 0–11' Paint | 0–11' Paint | 4'–15' Painted AC
Divided Highway — Divided — Median Barriers:	(10'–38' Grass (Raised)) | (10'–38' Grass (Raised)) | (10'–38' Grass (Flush))
Divided Highway — Divided — Shoulder: Width and Type	0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
Divided Highway — Divided — Pavement: Width and Type	12' AC | 11' AC | 22' AC | 22' AC | 22' AC | 22' AC | 22' AC | 22' AC | 22' AC
Divided Highway — Divided — Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.)	8'–10' AC | 8'–10' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC
Number of Traffic Lanes	2–12' | 4–11' | 4–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1–11' | 1–11' | 2–11' | 1–10', 1–11' | 2–11' | 11' (L) T.L. | 11' (L) T.L. | 11' (L) T.L. | 11' T.L. | 11' T.L. | 1–11' (L) T.L. | 1–11' Accel. Ln. | 11' (R) T.L. | 11' T.L.s
(Right Side)	2 (L) T.L.s @ 11' ea
Frontage Road: No. of Lanes, and Width (Right and Left)	4'–6' AC Bikeway (L) & (R)
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	4' Concrete Gutter | 4' Concrete Gutter
Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted. x=Conc. Barrier	(Conc. Retaining Wall)
Illumination: Type, Location and Number	2 250W HPS | 28 250W HPS @ Intersections from 23.90mi. to 26.11mi.
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	+1 | +2 | –1 | –1 | +2
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	35 MPH (2) | 4 Phase | 40 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | Traffic Lights
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 | 30AB–01–86M 1986 | 30A–01–96M (R) 1997 | 30BC–01–87M (R) 1987 | 21.41 —(30B–01–86 Traffic Signal 1985) | 30AC–01–87M & 30A–01–87,1987 | 30BC–02–86 Improvements, 1987 | 30AB–02–85 Shldr. & Guardrails 1985 | 30AB–01–82 Shldr. & Guardrails 1982 | 30AB–02–85 Shldr./Guardrails 1985 | F–30(1) 1957 | 30AB–01–79M (R) 1978 | 30AB–01–79M 1979 | 30AB–01–78M (R) 1978 | F–30–1(1) 1956 | S–0300(1) 1958
HPMS	
SCALE: (In Miles) 4" = 1 mile	20 | 21 | 22 | 23 | 24 | 25

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ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
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a. Survey Length: 41.67 miles
b. Proposed Length: 0.00 miles
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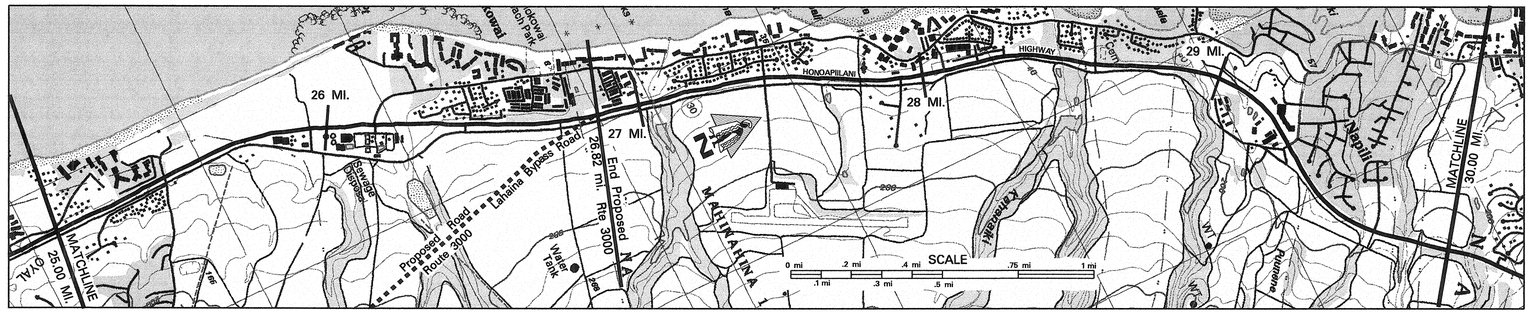


SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

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'

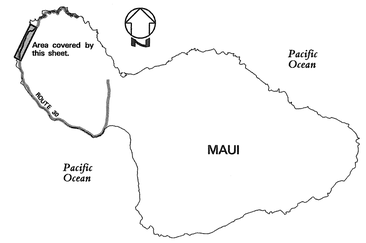
Available Right of Way Width (Needs Study): Resedential/Recreation | Clear – Canefield 15' from E.P. | Residential

Right of Way Fence: Type – Right and Left: Chain Link [] | Chain Link | Chain Link | Chain Link

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

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

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

CONTINUED FROM SHEET 5.

25.00 mi.

Kai Ala Dr. 25.16 mi. | Halewai Dr. 25.63 mi. | Lower Honoapiilani Rd. 25.89 mi. | Honokowai Br. No. C12D 25.99 mi. | End Divided Hwy 26.03 mi. | Cane Haul Rd. 26.09 mi. | Road 26.18 mi. | ECB (L) 26.50 mi. | 26 MP 26.61 mi.

HONOAPIILANI

End Proposed Rd. (Rte 3000) (Lahaina Bypass) 26.82 mi. | Begin Divided Hwy 26.88 mi. | Akahele St. 27.02 mi. | ECB 27.18 mi. | End Divided Hwy 27.31 mi. | Begin Divided Hwy 27.51 mi. | Ala Hoku Pl. 27.63 mi. | Hoohui Rd. 27.78 mi. | End Divided Hwy 27.84 mi. | Kahana Gateway 27.89 mi. | 28 MP 27.98 mi. | New Road 28.06 mi. | Honokahua Kai Br. No. C12E Sta. 28.12 mi. 28.17 mi. | Cane Haul Rd. (Hui Rd.) 28.29 mi. | SHRP Station 28.37 mi. | ECB (R) 28.31 mi.

HIGHWAY

Begin Divided Hwy 28.75 mi. | Road 28.82 mi. | Begin Divided Hwy 28.88 mi. | Napilihau St. 29.03 mi. | 29 MP 29.19 mi. | End Divided Hwy 29.28 mi. | Begin Divided Hwy 29.44 mi. | Street & Tractor-Xing 29.54 mi. | End Divided Hwy 29.59 mi. | Street & Tractor-Xing 29.96 mi. | Begin Divided Hwy & Rd. 29.94 mi. | 30 MP

CONTINUED ON SHEET 7.
30.00 mi.

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

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 | 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

Divided Highway
- **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 | 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): 11' T.L. | 11' T.L. | All 12' T.L.s | 1-12' | 1-12', 1-12' Truck Ln. | 12' Climbing Lanes

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left): Frontage Road (R) 2-12' with Bike Route (not Lane) (L) & (R)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): 4' Conc. G. | 4' Conc. Gutter | 4'–6' Conc. Gutter | 4' Conc. Gutter | 4' C. G. | 4' Conc. Gutter | 4' C. G.

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted. 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 | STP-030-1(23) Resurf 1996
30AC-01-87M & 30A-01-97, 1987
30AB-01-78M Resurf 1978
S-0300(1) 1958
RF-030-1(7) New Construction, 1977
F-030-1(13) New Construction, 1981
F-030-1(8) New Construction 1984

HPMS

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

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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

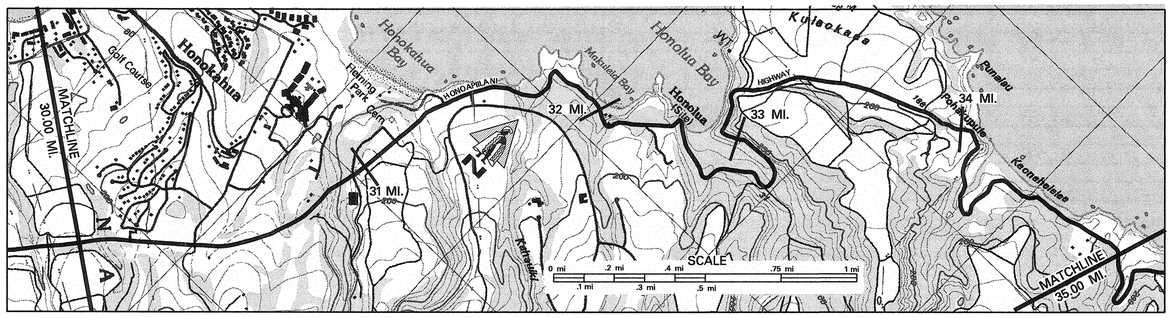
Total Route Length: 41.67 miles

a. Survey Length: 41.67 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

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.) | 30 16 (10.65 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Prestressed I-Beam HS-20-44 1986 | S.S. Conc. Slab H-10 1924

Structure Carrying Road — Vertical Clearance
604' | 24'

Structure Carrying Road — Horizontal Clearance
52' | 17'

Structures Over Road — Vertical Clearance

Structures Over Road — Horizontal Clearance

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

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

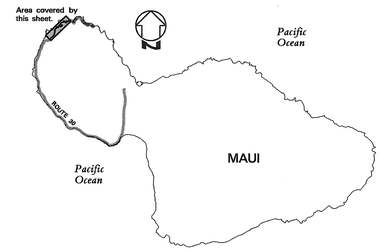
Right of Way Fence: Type – Right and Left
Chain Link | Wire on Wood

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

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

Project No., Type of Construction, and Year Constructed

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



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 6.
30.00 mi.

Kapalua Village Golf Courses | End Divided Hwy | Honokahua Strm. Br. | Beg Divided Hwy & Culvert Access Rd "A" | Beg Divided Hwy Honoapiilani Hwy | Access to Makai Golf Course | Road to Golf Course | Sta. C12G 31.08 mi. | End Divided Hwy | Culvert | Lookout (L) | Honolua Pl. | Sta. C12C 31.93 mi. | Honolua Br. | Pineapple Field Rd. | Shooting Range | Culvert | Culvert

HONOAPIILANI — 3 MP — 29 MP — 30 MP — 31 MP — 32 MP — 33 MP — 34 MP — 35 MP — HIGHWAY

30.07 mi. | 30.18 mi. | 30.57 mi. | 30.69 mi. | 30.84 mi. | 30.93 mi. | 30.95 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

30 | 31 | 32 | 33 | 34 | 35

Divided Highway — Undivided — Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi. – see arrows)
(24' AC) 8' AC | 8' PCC 8' AC | 10' AC | 2' AC | 4' AC | 2' AC/4' Grs | 2' AC | 2' AC/4' Grs | 2' AC

Undivided — Pavement: Width and Type
12' AC | 36' AC | 36' PCC 36' AC | 24' AC | 12' AC | 20' AC

Undivided — 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

Divided Highway — Median: Width and Type
12' Painted AC | 12' Painted AC

Median Barriers:

Shoulder: Width and Type
0 | 0

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

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

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

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

(Right Side)
12' T.L. | 8' T.L. | 10' T.L.

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

Sidewalk: Width and Type (Right and Left)

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

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 .59

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 | Mountainous | Flat Rolling | Mountainous

Speed: 1–Design, 2–Posted
45 MPH (2) | 45 MPH (2) 35 MPH (2) | 30 MPH (2) 25 MPH (2) | 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
(F-030-1(8) 1984 New Construction) | F-030-1(18) 1986 New Construction | A 300-01-66 (R) 1963

HPMS
0.30 MI.

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

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
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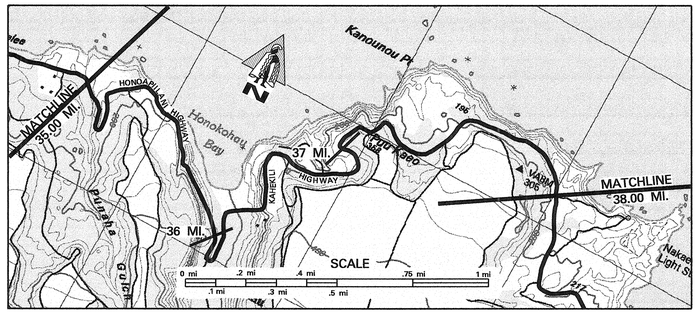
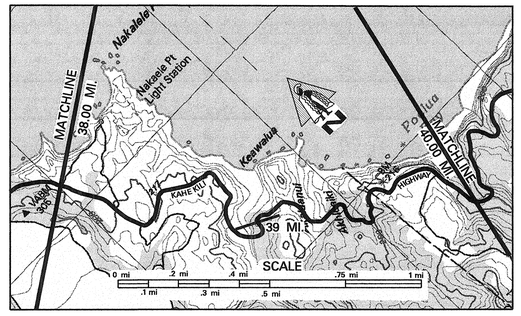




SCALE: (In Miles) 4" = 1 mile

35 | 36 | 37 | 38 | 39 | 40

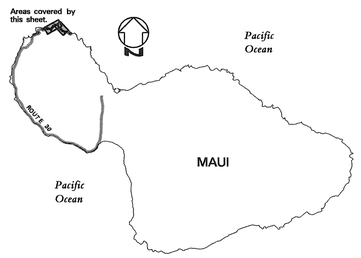
Maintenance Control Sections : Length and Description
30 A (13.59 MI.) — Begin 30 A at the West End of Honokohau Bridge 35.87

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 (36.47); Timber Stringer 1924 H–10 (38.46)
- **Vertical Clearance**: 76' (36.47); 22' (38.46)
- **Horizontal Clearance**: 26' (36.47); 13' (38.46)

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

Right of Way Width (min.–max.) if varies: 40'
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left: Chain on Wood (35.87, 35.88, 35.89); Wire on Wood (37.47, 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 (37.25); 30A–01–95M (Resurface) 1996



Road Diagram
* MP=Milepost Signage

CONTINUED FROM SHEET 7.
35.00 mi.

HONOAPIILANI HWY — KAHEKILI HIGHWAY

35.51 mi.	35.68 mi.	35.88 mi.	36.22 mi.	36.52 mi.	37.28 mi.	37.52 mi.	37.56 mi.	37.92 mi.	38.36 mi.	38.47 mi.	39.04 mi.	39.18 mi.	39.25 mi.	39.64 mi.
	Honokohau Valley Rd.	Honokohau Br.	Road		Cattle Guard	Nakalele Point Light Station		Culvert	Bridge (Anakaluehine Stream)		Culvert	Cattle Guard & Kahakuloa Management Area Sign	Culvert	
												Wailuku – Lahaina District Boundry		
		36 MP		37 MP		38 MP			39 MP					

CONTINUED ON SHEET 9.
40.00 mi.

SCALE: (In Miles) 4" = 1 mile

35 | 36 | 37 | 38 | 39 | 40

Divided Highway – Undivided
- **Shoulder: Width and Type**: 2' AC; 8'–10' Dirt (37.43); 2' AC (38.15); 2' AC/6' Grav. (39.03); 2' AC (39.35)
- **Pavement: Width and Type**: 20' AC; 18'–20' AC (35.87); 20' AC (37.25)
- **Shoulder: Width and Type**: 2' AC; 2' AC/6' Dirt (37.51); 2' AC (38.15)

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'; 2–(9'–10') (35.87); 2–10' (37.25)
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 (35.21–35.71); 3'–5' AC Gutter (35.85–36.03); 3'–5' AC Gutters (38.24–38.76)
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 (36.78–36.60); –10 (38.15–38.36); –9 (39.47–39.67); +8 (39.65–39.86); –8 (39.86–39.98)
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

A 300–01–66 (R) 1968 (35.57–35.87); 340D–01–93M (R) 1994 (35.87–36.98); 330C–03–70 1970 (35.87–36.98); 340A–02–72, 1976 (39.31–39.73)

HPMS: 3.30 MI. (County); 2.49 MI.

SCALE: (In Miles) 4" = 1 mile

35 | 36 | 37 | 38 | 39 | 40

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

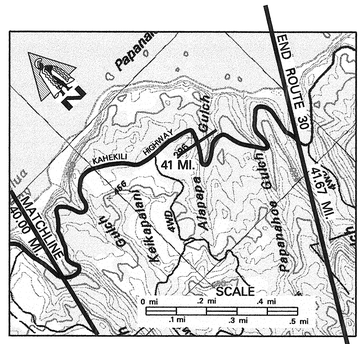
Total Route Length: 41.67 miles

a. **Survey Length:** 41.67 miles

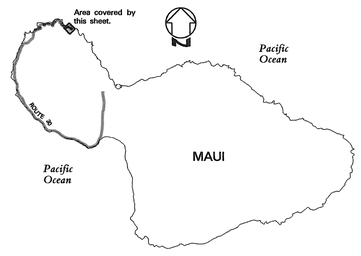
b. **Proposed Length:** 0.00 miles

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

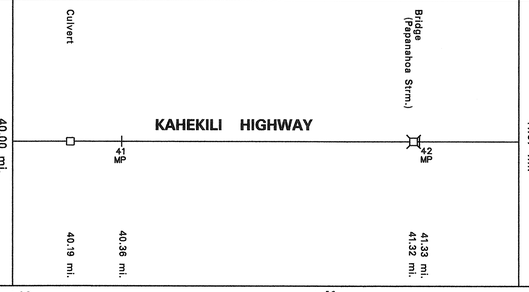
*



		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 25' | 41.31				
		Vertical Clearance						
		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



		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				
		Median: Width and Type						
		Median Barriers:						
		Shoulder: Width and Type						
		Pavement: Width and Type						
		Shoulder: Width and Type						
		Number of Traffic Lanes		2–10'				
		Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)						
		(Right Side)						
		Frontage Road: No. of Lanes, and Width (Right and Left)						
		Sidewalk: Width and Type (Right and Left)						
		Curb and/or Gutter: Type (Right and Left) All 3'-5' AC Gutters						
		Protective Devices: Type, Location and Number All Metal Rails on Metal Posts.						
		Illumination: Type, Location and Number						
		Curves: Degree of Curvature (Right and Left)						
		Superelevation (Range)						
		Grades: % Grade, Positive or Negative		–8 –8 –12				
		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		2.49 MI.				
		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.

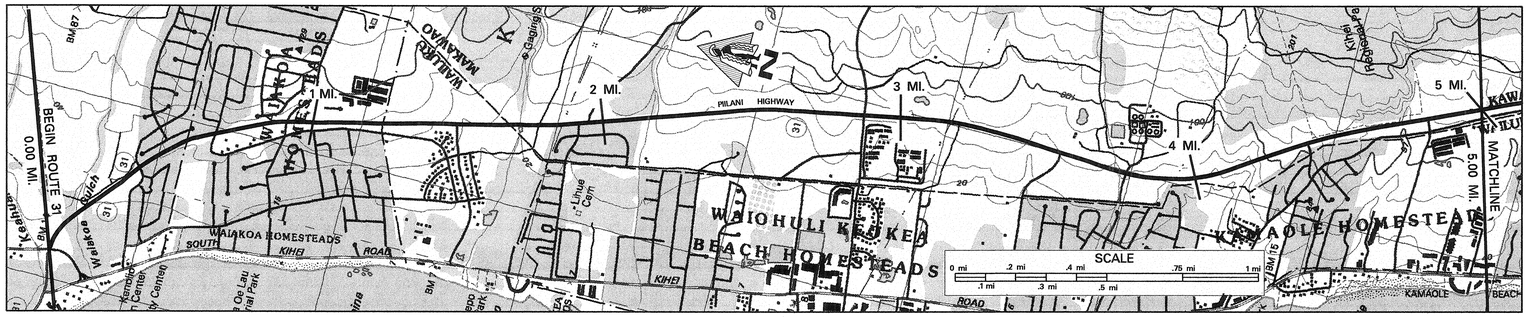
ROAD INVENTORY

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

0.14 | 150' PRESTRESSED I-BEAM 1981 1.68 | 150'

2.11 | 130' PRESTRESSED I-BEAM 1981 2.98 | 49'

Vertical 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)

Right of Way Fence: Type – Right and Left: 0.14 | 0.93 CHAINLINK | 0.68 | 1.12

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

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

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. Begin Divided
0.14 mi. Waiakoa Gulch Bridge
0.15 mi. End Divided
0.23 mi. Uwapo Rd
0.41 mi. Kewelihine St
4 MP
0.49 mi. Moi Place
0.68 mi. Ohukai Road
0.93 mi. End Divided
1.08 mi. Begin Divided
1.37 mi. Kaonoulu Street
5 MP
1.45 mi. End Divided
1.48 mi. Kulanihakoi Gulch Bridge
1.57 mi. Begin Divided
1.69 mi. Kulanihakoi Road
1.80 mi. End Divided
1.89 mi. Begin Divided
2.05 mi. Waipuilani Gulch Bridge
2.10 mi. End Divided
2.11 mi. E C B
2.27 mi. E. Waipuilani Rd.
2.42 mi. Begin Divided
2.49 mi. Pi'ikea Avenue
2.62 mi. PIILANI HIGHWAY
6 MP
2.83 mi. Lipoa Pkwy
Lipoa St
2.98 mi. End Divided
3.34 mi. Keokea Gulch Bridge
3.38 mi. Begin Divided
3.42 mi. Waiakahao Rd
3.48 mi. Begin Divided
3.71 mi. Old Waiakahao Rd
7 MP
3.88 mi. End Divided
4.24 mi. Begin Divided
4.33 mi. Kanani Rd
4.37 mi. End Divided
4.49 mi. Begin Divided
4.62 mi. Alanui Ke Alii Dr
4.73 mi. End Divided
4.93 mi. END ROUTE DESCRIPTION
8 MP

SCALE: (In Miles) 4" = 1 mile

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

Divided Highway — Undivided

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

Median: Width and Type

Median Barriers: 8" GRS w/ Raise Curb | 0.14 | 0.23 | 6' PAINT 0.48 | 0' – 11' PAINT 1.08 | 1.37 | 0' – 12' Painted AC 1.57 | 1.80 | 0' – 12' Painted AC 2.10 | 2.49 | 0' – 12' Painted AC 2.98 | 3.42 | 0' – 12' Painted AC 3.88 | 4.24 | 0' – 12' Painted AC 4.48 | 4.62 | 0' – 12' Painted AC 4.93

Shoulder: Width and Type: 0' | 0' | 0' | 0' | 0' | 0' | 0' | 0' | 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 | 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 | 6' – 8' AC | 6' – 8' AC

Number of Traffic Lanes

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.10 | 4.26 11' 4.33 | 4.61 11' 4.73 | 4.73 11' 4.87

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 0.95 | 3.88 4.01

Curb and/or Gutter: Type (Right and Left): 0.13 CONCRETE GUTTER 0.21 | 0.42 | 0.48 | 0.84 | 0.93 CONCRETE GUTTER | CONCRETE GUTTER | CONCRETE GUTTER 3.88 | 4.00 | 4.26 | 4.32 | 4.63 | 4.87 CONCRETE 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

Speed: 1–Design, 2–Posted: 0.08 | 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: TQF-RF-031-1(6) 1981 | 31B-01-94, 1994 | TQF-RF-031-1(6) 1981

HPMS

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
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FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 12.03 miles
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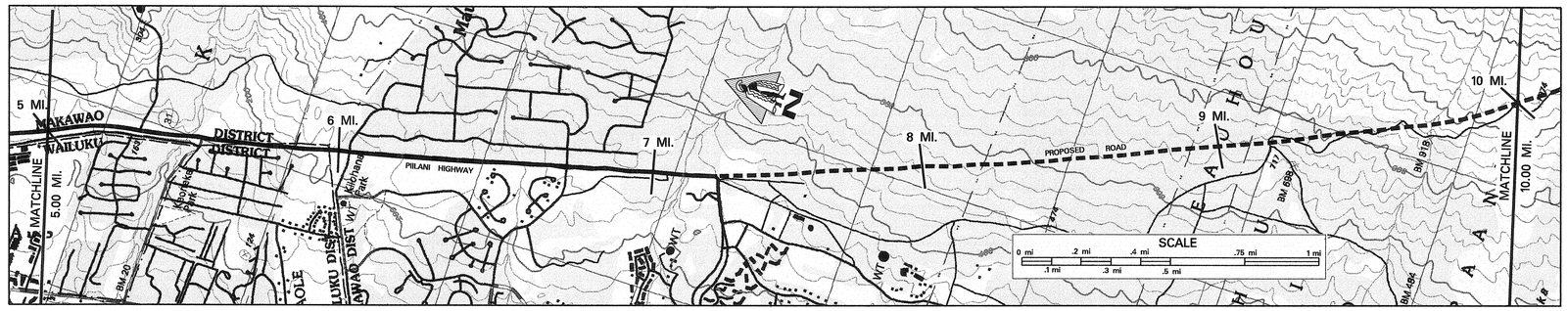
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

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' (5.03) | 105' – 305'

Available Right of Way Width (Needs Study)

5.03 | 6.30 6.47 | 6.82 6.89

Right of Way Fence: Type – Right and Left

CHAINLINK | CHAINLINK

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

5.43 | 5.67 | 5.94 | NONE | 6.48 | 6.51 6.54 | 6.68 | 7.14

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

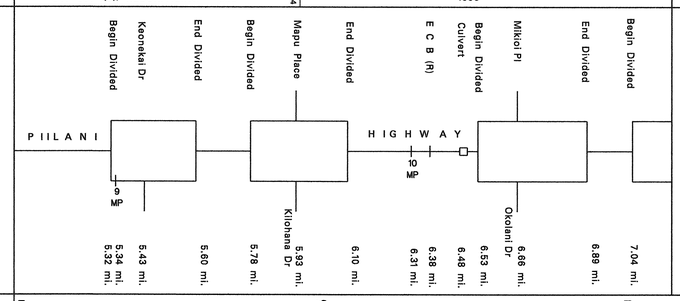
STP–031–1(8), RESURFACING 1996 | 5.94 | 1990

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

Continued from Sheet # 1



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

7.17 mi.

End Existing Route 31 at angle point with Wailea Iki Drive (7.17 miles)

Route 31 – PROPOSED ROAD = 4.86 Miles

NO TRAVELWAY

Continued on sheet # 3

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway – Undivided

Shoulder: Width and Type

6' – 8' AC | 10' AC

Pavement: Width and Type

44' AC | 22' AC | 44' AC | 22' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC

Shoulder: Width and Type

6' – 8' AC | 0' | 6'–8' AC | 0' | 10' AC | 0' | 10' AC | 0'

Divided Highway

Median: Width and Type

Median Barriers:

5.32 | 0' – 12' Painted AC | 5.60 | 5.78 | 0' – 12' Painted AC | 5.93 | 0' 14' Painted AC | 6.10 | 6.53 | 0' – 14' Painted AC | 6.89 | 7.04 | 7.08 | 0' – 25' Painted AC | Raised Curb, Flush AC

Shoulder: Width and Type

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 | 7.11 | 10' AC | 0'

Number of Traffic Lanes

4 – 11' | 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 | 7.09

Speed: 1–Design, 2–Posted

40 MPH (2) | 6.74 | 45 MPH (2) 35 MPH (2) | 7.08 | 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 | 7.73 | MAJOR COLLECTOR

National Highway System (NHS)

N H S

Previous Projects: Project No., Date and Limits

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

HPMS

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY

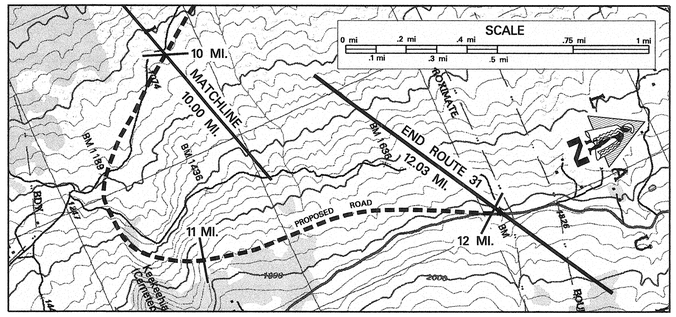
MAUI RTE 31
PIILANI HIGHWAY

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

10.00 mi. Continued from sheet # 2

Route 31 – PROPOSED ROAD = 4.86 Mile

NO TRAVELWAY

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

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.

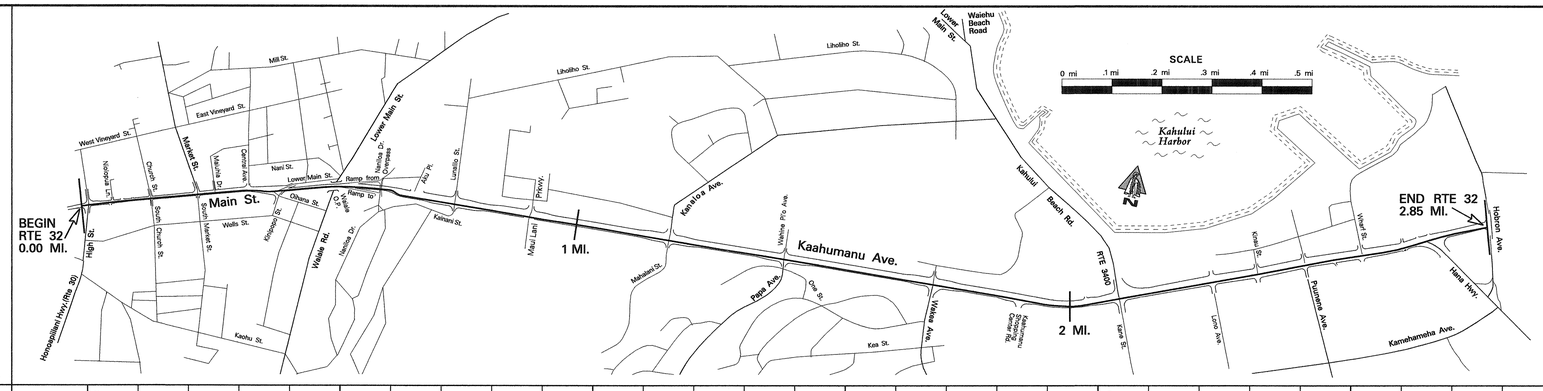
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

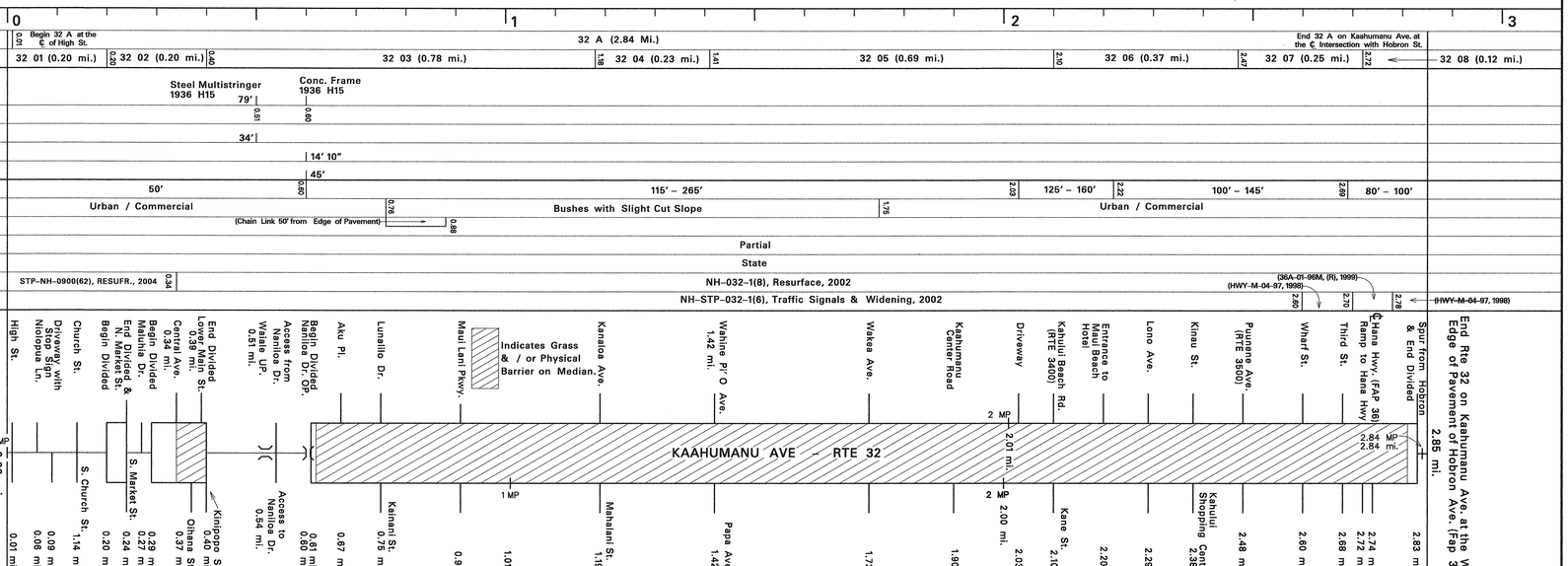
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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.
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' (0.51–0.80); Conc. Frame 1936 H15
Structure Carrying Road: Vertical Clearance	0.51 – 0.80
Structure Carrying Road: Horizontal Clearance	34'
Structure Over Road: Vertical Clearance	14' 10"
Structure Over Road: Horizontal Clearance	45'
Right of Way Width (min.–max.) if varies	50' (0.60) — 115' – 265' (2.03) — 125' – 160' (2.22) — 100' – 145' (2.69) — 80' – 100'
Available Right of Way Width (Needs Study)	Urban / Commercial (0.76) — Bushes with Slight Cut Slope (1.75) — Urban / Commercial
Right of Way Fence: Type – Right and Left	(Chain Link 50' from Edge of Pavement) (0.76–0.88)
Control of Access: 1–None, 2–Partial, 3–Full	Partial
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	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) — NH–STP–032–1(6), Traffic Signals & Widening, 2002 (2.70–2.78) — (HWY–M–04–97, 1998)
Project No., Type of Construction, and Year Constructed	

Road Diagram

* MP = Milepost Signage

Scale: 1"=0.15 mile

Divided Highway – Undivided: Shoulder: Width and Type	0 — (23' AC) — 0 — 4' AC — 0 — 4'–6' AC — 0 — (4' AC)
Pavement: Width and Type	26' AC — 23' AC — 12' AC — 26' AC — 12' AC — 24' AC — 32' AC — 24' AC — 36' AC — 12'–22' AC — (32' AC)
Shoulder: Width and Type	0 — 0 — 0 — 14' AC — 0 — 4'–8' AC — (0) — 1' AC — 0 — (2' AC) — 0 — (1' AC) — 2' AC — 0 — (3' AC) — 2' AC — 0 — 0
Divided Highway – Median: Width and Type	(0'–4' Painted AC) — (0'–6' Painted AC) — (0'–10' Painted AC) — Conc. Curb — (Conc. Curb & Gutter) — 4' – 24' Grass (raised) — 4'–24' Trees & Shrubs (Raised) — 4'–24' Grs. (Raised) — (0'–4' Painted AC)
Shoulder: Width and Type	0 — 10' AC — 0 — (3' AC) — 0 — (3' AC) — 0 — (3' AC) — 0 — (2' AC) — 0 — 1'–6' AC
Pavement: Width and Type	12' AC — 12' AC — 11' AC — 24' AC — 36' AC — (3' AC) — 24' AC — 36' AC — 24' AC — 14' AC — 28' AC
Shoulder: Width and Type	0 — (1'–11') — 3' AC — 4 – 10' AC — 4'–6' AC — 0 — 4' AC — 0 — 1'–3' AC
Number of Traffic Lanes	1–11' — 1–12' — 1–14' — 2–12' — 2–11' — 1–10', 1–11' — 1–12' — 2–12' — 1–11' — 1–12' — 4–12' — 2–12' — 3–12' — 4–12' — 2–12' — 2–12' — 6–12' — 3–12' — 1–12' to 22' (1–18') — 2–12' (1–14') — 2–14' (1–14')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) PL= 8' Parking Lane	11' — 10' PL — 12' — 10' — 12' — 10' — 10' — 10' — 10' — 10' — 2 (L) TLs — 10' — 10' — 12' — 10' — 10' — 10' — 10' — 10' — 12' — 10' — 10' — 10' — 10' — 10' — 12' — 12' — 12' — 12' — 12' — 12' — 12' — 12' — 12' — 12' — 12' — 12' — 10' — 10' — 10' — 10' — 10

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

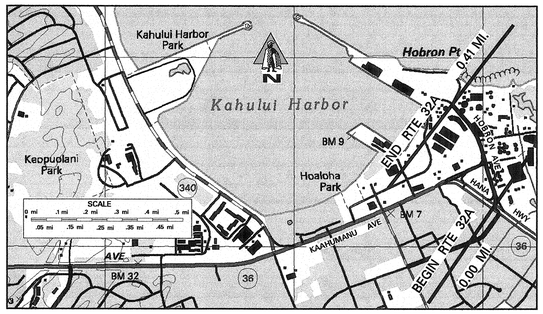
Total Route Length: 0.41 miles

a. **Survey Length:** 0.41 miles

b. **Proposed Length:** 0.00 miles

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

*



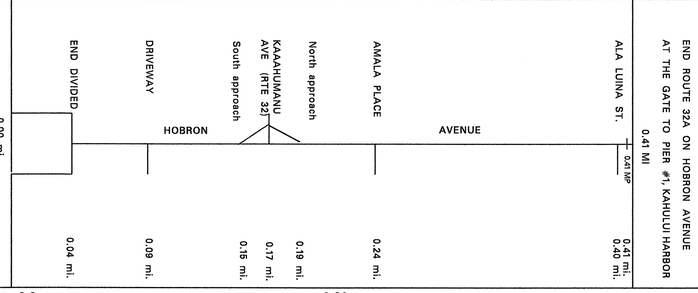
SCALE: (In Miles) 20" = 1 mile

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.	End 32A same as end route.
	32A (0.41 MI)	
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		
Structure Carrying Road — Vertical Clearance		
Structure Carrying Road — Horizontal Clearance		
Structure Over Road — Vertical Clearance		
Structure Over Road — Horizontal Clearance		
Right of Way Width (min.–max.) if varies	80' (0.22) 50'	
Available Right of Way Width (Needs Study)	COMMERCIAL DISTRICT	
Right of Way Fence: Type – Right and Left	NONE	
Control of Access: 1–None, 2–Partial, 3–Full	NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	(Inter. Improvement) STATE (0.17) STATE PHASE II	
Project No., Type of Construction, and Year Constructed	STP-036-1(12) (0.24) 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



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
Divided Highway — Undivided — Pavement: Width and Type	22' AC 33' AC (0.07) 22' AC	
Divided Highway — Undivided — Shoulder: Width and Type	0 (0.03) 6' AC (0.15) 12' Grass (0.17) 10'–15' Gravel (0.24) 6' AC	
Divided Highway — Median: Width and Type	11' Painted AC	
Divided Highway — Shoulder: Width and Type	0 (0.24)	
Divided Highway — Pavement: Width and Type	11' AC	
Divided Highway — 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	1 MV (0.15) 1 MV (0.23)	
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:	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	0.17 MI. (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	

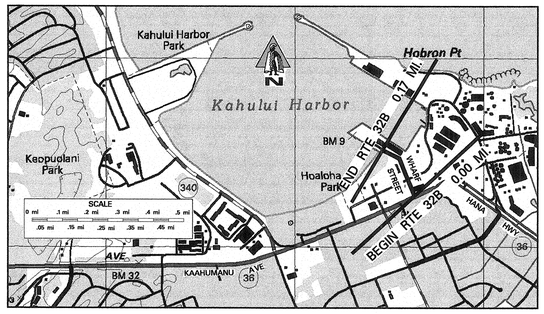
ROAD INVENTORY
MAUI RTE 32B
WHARF STREET

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	0.01 0.00 Chain Link Fence	
Control of Access: 1–None, 2–Partial, 3–Full	NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE	
Project No., Type of Construction, and Year Constructed	HWY–M–01–91M; LT–M–01–78M (R); WDR 34(1)	
Project No., Type of Construction, and Year Constructed	1992 (R) 0.11; 1979 0.14	

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

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

WHARF STREET

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

SCALE: (In Miles) 20″ = 1 mile

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

Divided Highway — Undivided — Shoulder: Width and Type	2′ AC 0.02; 8″ AC 0.05; 10′ AC 0.07; 30′–50′ AC 0.14	
Divided Highway — Undivided — Pavement: Width and Type	24′ AC 0.02; 28′ AC 0.04; 36′ AC 0.06; 42′ AC 0.08; 44′ AC 0.11; 34′ AC 0.12; 36′ AC 0.14	
Divided Highway — Undivided — Shoulder: Width and Type	2′ AC 0.04; 4′ AC 0.08; 0; 40′–50′ AC 0.14	
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′; 1-16′; 1-28′; 1-30′; 1-20′; 12′ T.L. 0.08; 0.11	
(Right Side)		
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)	0.04; 0.07; 8″ CONC; 8″ CONC	
Curb and/or Gutter: Type (Right and Left)	CONC. CURB & AC GUTTER	
Protective Devices: Type, Location and Number		
Illumination: Type, Location and Number		
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:	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		

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

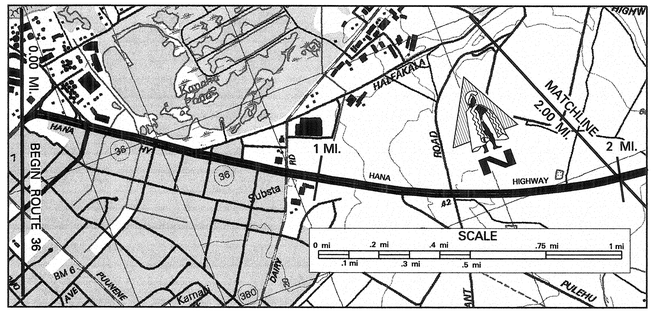
MAUI RTE 36
HANA HIGHWAY

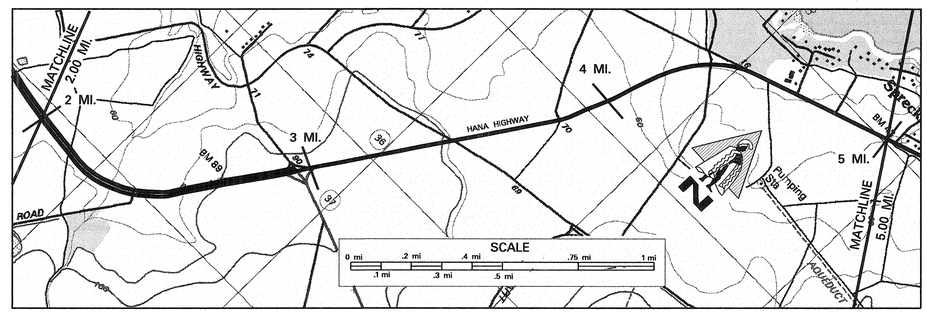
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

0 | 1 | 2 | 3 | 4 | 5

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)

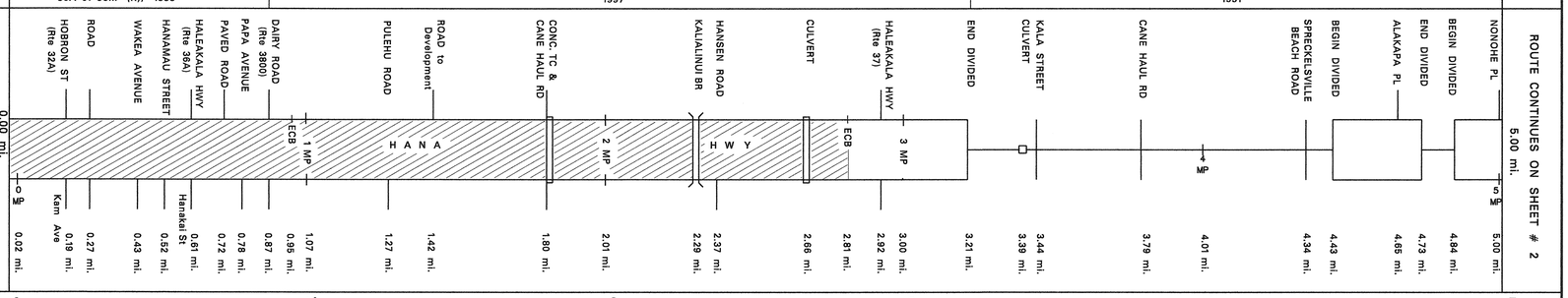
Structure Carrying Road
- **Bridges (Over 20'): Length, Type, Capacity and Year Constructed**
  0.20 | 0.53 | 0.87 KAHULUI URBAN BOUNDARY | TEE BEAM 1944 H20 53' 2.29 | PRESTRESSED CONCRETE GIRDER 1991 HS-20-44 2.92
- **Vertical Clearance**
- **Horizontal Clearance** 105'

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

Right of Way Width (min.–max.) if varies 100' – 168' | 4.51 60'
Available Right of Way Width (Needs Study) URBAN/RESIDENTIAL AREA | 1.00 1000' CLR – SUGAR CANE FIELD 20' FROM PAVEMENT
Right of Way Fence: Type – Right and Left NONE
Control of Access: 1–None, 2–Partial, 3–Full PARTIAL | NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C) STATE
Project No., Type of Construction, and Year Constructed STP-036-1(12) Inter. Impr., 2000
0.15 | 0.27 | 0.87 | 3.22
36A–01–96M (R), 1999 | HWY–M–01–96M AREA 3 1997 | 36AB–01–90M (R) 1991
Project No., Type of Construction, and Year Constructed

Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



ROUTE CONTINUES ON SHEET # 2

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway
- **Undivided**
  - **Shoulder: Width and Type** 6' AC | 0.86 10' AC | 2.89 30' AC | 3.22 4' AC
  - **Pavement: Width and Type** 22' AC | 0.81 24' AC | 2.92 TAPER 12'–24' | 3.05 12' AC | 24' AC | 12' AC | 12' AC
  - **Shoulder: Width and Type** 4' AC | 0.87 0' | 0.95 6' AC | 0' | 6' AC | 0' | 4' AC | 0' | 0'
- **Median: Width and Type** 50' GRASS | VARIES 16'–24' GRASS 1.29 | VARIES 20' – 24' GRASS 2.19 | VARIES 10'–20' PAINTED AC 2.44 | VARIES 10'–14' GRASS 2.82 | VARIES 12'–20' PAINTED AC 3.21 | 4.43 12' PAINTED AC 4.73 | 4.84 12' PAINTED AC
- **Undivided**
  - **Shoulder: Width and Type** 4' AC | 0.87 0' | 0.95 6' AC | 0' | 6' AC | 0' | 0' | 0'
  - **Pavement: Width and Type** 24' AC | 3.04 TAPER 12'–24' | 12' AC | 12' AC
  - **Shoulder: Width and Type** 6' AC | 0.81 10' AC | 0.95 | 2.89 8' – 10' AC | 4' AC | 6'–8' AC

Number of Traffic Lanes 2 – 11' | 2 – 12' | 1 – 12' 1–12' | 2 – 12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ALL T.L.'s 12' unless noted
(Right Side) ALL T.L.'s 12' unless noted
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left) 6' CONC.
Curb and/or Gutter: Type (Right and Left) CONC. CURB | 4' – 6' CONCRETE GUTTER
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number H P S
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative 0.16 – 1 0.46 | 2.68 + 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 FLAT (1)
Speed: 1–Design, 2–Posted 30 MPH (2) | 45 MPH (2) | 55 MPH (2) | 45 MPH (2) | 55 MPH (2) | 45 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing ALL 4 PHASE
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 | 3.22
National Highway System (NHS) N H S
Previous Projects: Project No., Date and Limits
STP-0900(34) 1998 | AM-1061-12 (IMPROV), 1991 | 36A-02-87M (R) 1988 | 36A-01-82 Inter. Impr. 1983 | 36AB-01-90M (R) 1991
DANC 8(1) 1945 → HWY-M-01-76M (R) 1976 | HWY-M-02-76M (R) 1976 | 147+44.30 NRS – 17A
DANC 8(1) 1943, 1945 | 242+00 1933
HPMS 0.21 | 0.34 | 0.33

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct. 2004, G.N.
Revised

ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

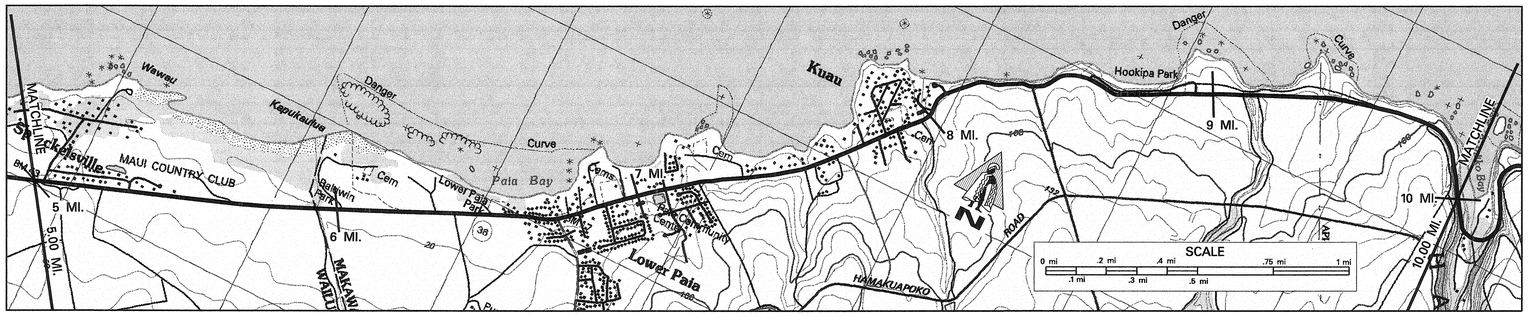
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

*



Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile	5 | 6 | 7 | 8 | 9 | 10
Maintenance Control Sections : Length and Description	36A (6.70 MI) 6.70 · End 36A and begin 36B on Hana Hwy at the West edge of pavement of Baldwin Ave. · 36B (4.32 MI)
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	
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60' · 8.89 · 80' – 200'
Available Right of Way Width (Needs Study)	1000' CLR – SUGAR CANE FIELD 20' FROM PAVEMENT 6.93 · RESIDENTIAL AREA 7.94 · 1000' CLR (R) 15' SUGAR CANE FROM PAVEMENT / BEACH (L) 9.89 · 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–01–90M RESURFACE 1991 · 6.53 · 36AB–01–95M 1996 (RESURF.) 6.88 · 36AB–01–90M RESURFACE 1991 · 8.92 · STP–036–1(8) RESURFACE 1998
Project No., Type of Construction, and Year Constructed	

ROUTE CONTINUED FROM SHEET # 1 — 5.00 mi.

END DIVIDED 5.11 mi. · ULUPUA STREET 5.28 mi. · BEGIN DIVIDED CULVERT 5.90 mi. · ALAWAI RD 5.91 mi. · END DIVIDED 6.02 mi. · 6 MP 5.97 mi. · PAVED ROAD 6.47 mi. · BEGIN DIVIDED 6.55 mi. · AE LANE 6.61 mi. · BALDWIN AVE 6.70 mi. · Luna Lane · END DIVIDED 6.77 mi. · HOMELANI PLACE 6.79 mi. · LOIO PLACE 6.86 mi. · KUPONO STREET 6.88 mi. · BEGIN DIVIDED 6.97 mi. · LAE PLACE 7.03 mi. · ROAD 7.08 mi. · END DIVIDED 7.15 mi. · MP · KU AU PLACE 7.28 mi. · PAVED ROAD 7.32 mi. · HANA HIGHWAY · AOLANI PLACE 7.58 mi. · KAULUA PLACE 7.69 mi. · Kulani Place · WAA PLACE 7.70 mi. · KAIMAO STREET 7.79 mi. · MEHA PLACE 7.83 mi. · ULUMAIKA PLACE 7.84 mi. · KAIHOLO ROAD 7.98 mi. · ROAD TO MAMA'S FISH HOUSE 8.06 mi. · 8 MP · HOLOMUA AVENUE 8.36 mi. · WEST ENTRANCE TO HOOKIPA PARK 8.55 mi. · EAST ENTRANCE TO HOOKIPA PARK 8.83 mi. · 9 MP · PAVED ROAD 9.03 mi. · PAVED ROAD 9.12 mi. · PAVED ROAD 9.33 mi. · PAVED ROAD 9.54 mi. · EOB 9.63 mi. · ROAD TO HAMAKUAPOKO 9.71 mi.

ROUTE CONTINUES ON SHEET #3 — 10.00 mi.

SCALE: (In Miles) 4" = 1 mile	5 | 6 | 7 | 8 | 9 | 10
Divided Highway — Undivided — Shoulder: Width and Type	4' AC · 6.47 · 20' Grass · 8.57 · 0' · 6.82 · 6' AC · 8.01 · 6' GRASS · 8.93 · 6' AC
Undivided — 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 · 8.82 · 24' AC
Undivided — Shoulder: Width and Type	0' · 4' AC · 0' · 4' AC · 0' · 4' GRASS · 4' AC · 0' · 6' GRASS · 7.90 · 4' AC · 8.05 · 6' GRASS · 8.82 · 10' GRASS · 8.93 · 5' – 6' AC
Divided Highway — Median: Width and Type	12' PAINT AC · 5.11 · 5.91 · 10' PAINT AC · 6.03 · 6.55 · 10' PAINT AC · 6.77 · 6.86 · 6.97 · 10' PAINT AC · 7.15
Shoulder: Width and Type	0' · 0' · 0' · 0'
Pavement: Width and Type	12' AC · 12' AC · 12' AC · 11' AC
Shoulder: Width and Type	6'-8" AC · 6'-15" AC · 0' · 6' GRASS
Number of Traffic Lanes	2 – 12' · 1-22' 1-20' 3-17' · 6.82 · 6.86 · 2–12' · 2 – 11' · 8.82 · 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)	6.70 · 6.57 · 6' CONC. CURB · 6.96
Sidewalk: Width and Type (Right and Left)	CONC. CURB · 7.00 · 7.02
Curb and/or Gutter: Type (Right and Left)	4" CONC. GUTTER
Protective Devices: Type, Location and Number	METAL ON METAL · METAL ON METAL · 7.98 · 8.05 · 8.12 · 8.16 · 8.33 · 8.36 · WOOD ON WOOD · METAL ON CONC. · (METAL RAIL ON CONC. POST) · 9.06 · 9.16 · 9.34 · 9.48 · 9.55 · 9.77 · 9.70 · 9.90
Illumination: Type, Location and Number	6.46 · MV · 6.88
Curves: Degree of Curvature (Right and Left)	NONE
Superelevation (Range)	
Grades: % Grade, Positive or Negative	5.77 · – 1 · 6.45 · 5.94 · 0 · 6.32 · 9.00 · + 3 · 9.20 · 8.91 · – 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) · 9.05 · 9.66 · 9.75 · MOUNTAINOUS
Speed: 1–Design, 2–Posted	45 MPH (2) · 35 MPH (2) · 6.32 · 6.50 · 20 MPH (2) · 6.91 · 30 MPH (2) · 8.99 · 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	NRS – 17A 1933 · 36AB–01–75 (RESURF) 1975 257+00 · 6.32 · 36B–02–79 (IMPROV) 1979 JOB # 5213 · 7.88 · 36AB–01–90M (RESURF) 1991 · 8.15 · 8.36 · WDRC 14(1) 1948 · 8.63 · 36BC – 01 – 82M (RESURF) 1982 · F–036–1(1) REVAMP 1961 · F–036–1(1) 1959 · 8.67 · STP–036–1(7) 1997 · 9.35 · 0.34 · 9.69
HPMS	
SCALE: (In Miles) 4" = 1 mile	5 | 6 | 7 | 8 | 9 | 10

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HANA HIGHWAY

STATE OF HAWAII
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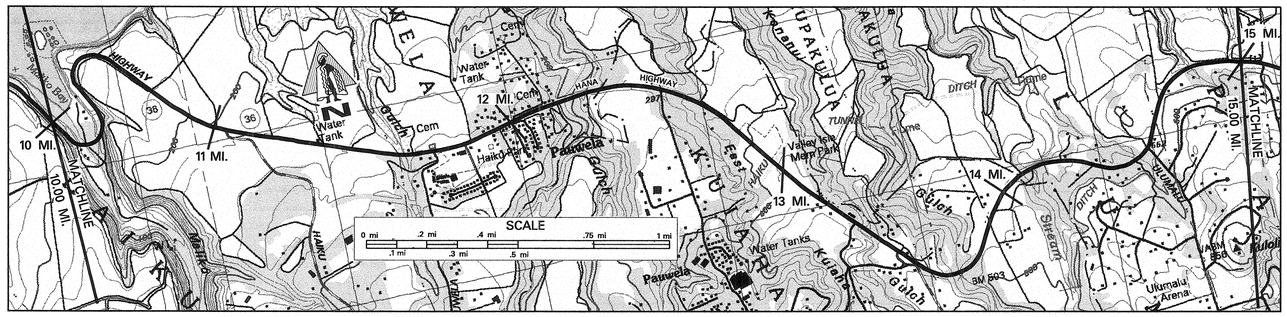
FEDERAL HIGHWAY ADMINISTRATION

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)	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	TEE BEAM 1961 205' HS20 (10.96)	PRESTRESSED CONCRETE GIRDER, HL-93, 2003 (12.85) 225'
Structure Carrying Road — Vertical Clearance	28'	34' (12.85)
Structure Carrying Road — Horizontal Clearance		
Structure Over Road — Vertical Clearance		
Structure Over Road — Horizontal Clearance		
Right of Way Width (min.–max.) if varies	80' – 200' (10.46)	80' – 285' (12.82) / 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 (12.16) / TREES (12.80) / CLR 1000' PINE 15' FROM PVMT (13.10) / CUT SLOPES WITH PASTURES AND FARMS	
Right of Way Fence: Type – Right and Left		
Control of Access: 1–None, 2–Partial, 3–Full	NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE	
Project No., Type of Construction, and Year Constructed	STP – 036 – 1(8) RESURFACE 1998 (12.94)	BR-036-1(15), 2003 BRIDGE REPLACEMENT (13.02 / 13.04) STP – 0900 (39), 1996 RESURFACE
Project No., Type of Construction, and Year Constructed		

ROUTE CONTINUED FROM SHEET # 2 — 10.00 mi.

MALIKO BRIDGE ROAD (10.09 mi.) — HANA HIGHWAY — ROAD TO HAIKU (11.02 mi.) — ROAD TO CEMETERY (11.64 mi.) — PAUWELA ROAD (11.70 mi.) — PILIALOHA STREET (11.84 mi.) — Pauwela Light House (11.90 mi.) — KAHAPO PLACE (11.97 mi.) — PUU KOA AKAHAI PLACE (11.98 mi.) — WAIKINA LOOP (12.14 mi.) — NAHELE ROAD WAIKINA LOOP (12.24 mi.) — W. KUIAHA ROAD (12.50 mi.) — VALLEY ISLE MEMORIAL PARK (12.93 mi.) — E. KUIAHA ROAD (13.28 mi.) — ROAD TO HAIKU AND ULUMALU (13.46 mi.) — KAUPAKALUA BRIDGE (13.65 mi.) — O'ILI ROAD (13.86 mi.) — HO HAWI PLACE (13.91 mi.) — ULUMALU ROAD (14.03 mi.) — (14.52 mi.)

10 MP — 11 MP — 12 MP — 13 MP — 14 MP

ROUTE CONTINUE ON SHEET #4 — 15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type	6' AC (12.26)	4' – 6' AC (13.02) / 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' (13.02) / 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)		
Curb and/or Gutter: Type (Right and Left)	4" CONC. GUTTER (0.00 / 0.15 / 0.71)	
Protective Devices: Type, Location and Number		
Illumination: Type, Location and Number	(0.03)	
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative	(10.01) (11.05) + 4 (11.48) (12.73) + 7 (12.95)	
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:	RURAL	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS (10.76) / ROLLING (12.00)	
Speed: 1–Design, 2–Posted	35 MPH (2) (10.76 / 10.89 / 10.97) / 45 MPH (2) (11.89) / 30 MPH (2) (12.00 / 12.12) / 45 MPH (2) (12.84) / 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 (12.84)	
	36BC-01-82M 1982 RESURFACE (12.53) 0.34	36C-01-87M 1987 RESURFACE
	F-036-1(1) 1961 REVAMP (10.46)	F – 32 (2) 1957 (13.47)
	F-036-1(1) 1959 (10.96 / 10.98) 2+58.86	F – 32 (3) 1951, 1953 — 164+34.19 (13.52) 3+34.19	F – 32 (2) 1946
HPMS	180+79.87 (11.16) 0.40 (11.56)	(14.38) 0.34 (14.72)
SCALE: (In Miles) 4" = 1 mile		

Road Diagram
* MP = Milepost Signage

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Revised

ROAD INVENTORY

MAUI RTE 36
HANA HIGHWAY

STATE OF HAWAII
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HIGHWAYS DIVISION

PREPARED BY THE
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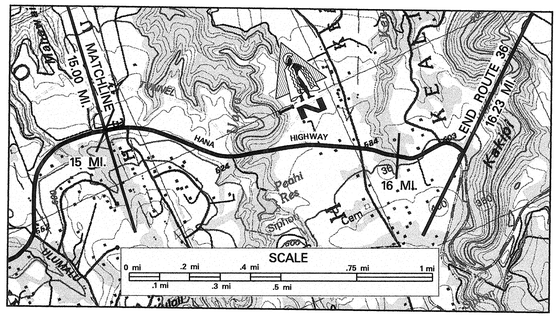
FEDERAL HIGHWAY ADMINISTRATION

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

*

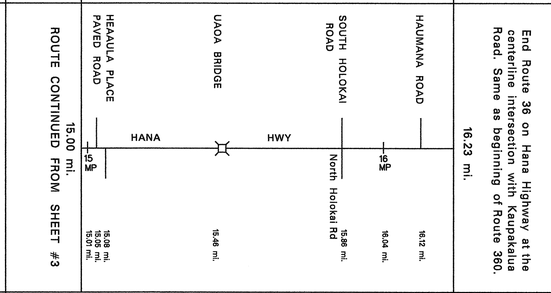


SCALE: (In Miles) 4" = 1 mile — 15 | 16 | 17 | 18 | 19 | 20

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'	
	Vertical Clearance		
	Horizontal Clearance	15.46 | 44'	
Structure Over Road	Vertical Clearance		
	Horizontal Clearance		
Right of Way Width (min.–max.) if varies		80' – 135'	
Available Right of Way Width (Needs Study)		CUT SLOPES W/PASTURES & FARMS	
Right of Way Fence: Type – Right and Left			
Control of Access: 1–None, 2–Partial, 3–Full		NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STATE	
Project No., Type of Construction, and Year Constructed		BR-036-1(14), 2002 Bridge Replacement (15.39 – 15.61)	
Project No., Type of Construction, and Year Constructed		STP-0900(39), 1996 RESURFACE	

Road Diagram

* MP = Milepost Signage



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

Divided Highway – Undivided	Shoulder: Width and Type	4' – 6' AC	
	Pavement: Width and Type	22' AC | 15.39 | 24' AC | 15.61 | 22' AC	
	Shoulder: Width and Type	4' – 6' AC	
Divided Highway	Median: Width and Type		
	Shoulder: Width and Type		
	Pavement: Width and Type		
	Shoulder: Width and Type		
Number of Traffic Lanes		2 – 11' | 15.39 | 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)		15.36 | 15.61 | 15.88 → 2' CONC. GUTTER	
Protective Devices: Type, Location and Number		METAL ON METAL → 15.87 | 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 (16.05)	
		F-32(2) 1946 137+21.46 → ← 0+00	
HPMS		15.70 | 0.53	

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

Date Released
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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

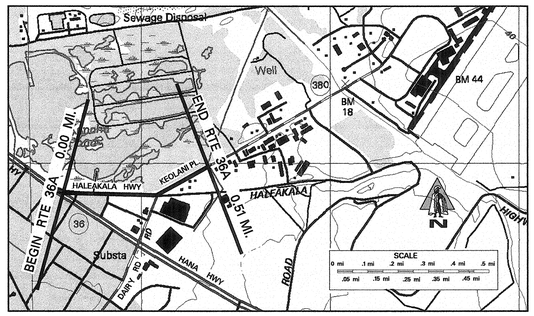
Total Route Length: 0.51 miles

a. Survey Length: 0.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20" = 1 mile

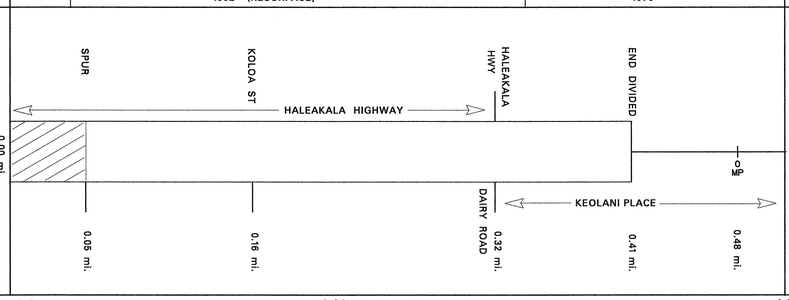
0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

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	
	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)		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 | HWY–M–01–91M | HWY–M–01–76M
Project No., Type of Construction, and Year Constructed		1992 (RESURFACE) | 1976

Indicates Grass & / or Physical Barrier on Median.

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' | 6' AC | 6' BP WITH CURB | 10' GRASS | 6' AC | 10' GRAVEL | 25' GRAVEL
	Pavement: Width and Type	12' BP | 24' AC | 12' AC | 10' BP | 20' BP
	Shoulder: Width and Type	0' | 6' AC | 10' GRS | 0' | 10' GRASS
	Median: Width and Type	VARIES GRASS W/CONC. CURB | 0' – 12' PAINTED AC
	Shoulder: Width and Type	0'
	Pavement: Width and Type	12' BP | 12' AC | 10' BP
	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)		
(Right Side)		
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		6' Concrete Sidewalk
Curb and/or Gutter: Type (Right and Left)		Conc. Curb | Concrete Curb and 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:		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		
		HWY–M–01–76M 1976
		COUNTY | NRS–17A 1933 AND 1934
HPMS		0.12

SCALE: (In Miles) 20" = 1 mile

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

Date Released
Oct 2004 GN
Revised
Sept. 04 D.B

ROAD INVENTORY

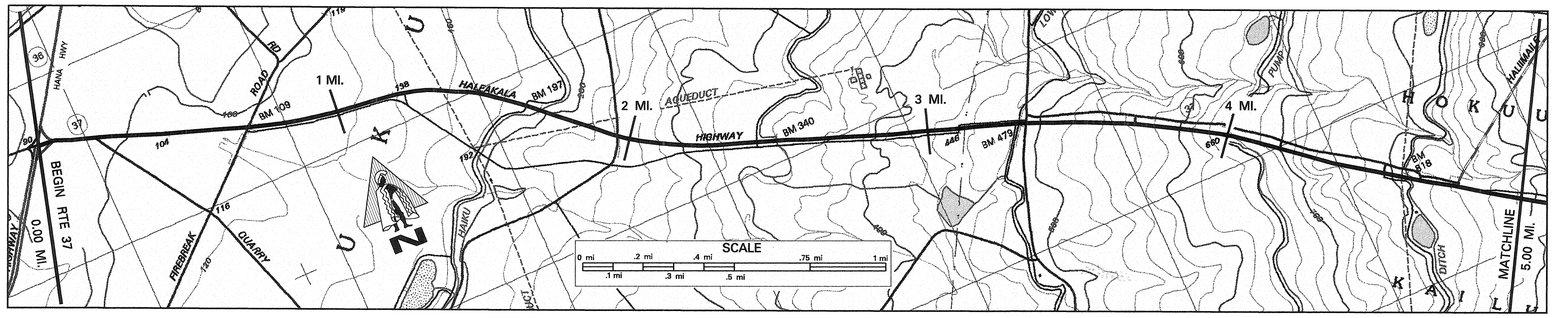
MAUI RTE 37
HALEAKALA HWY & KULA HWY

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

0 | 1 | 2 | 3 | 4 | 5

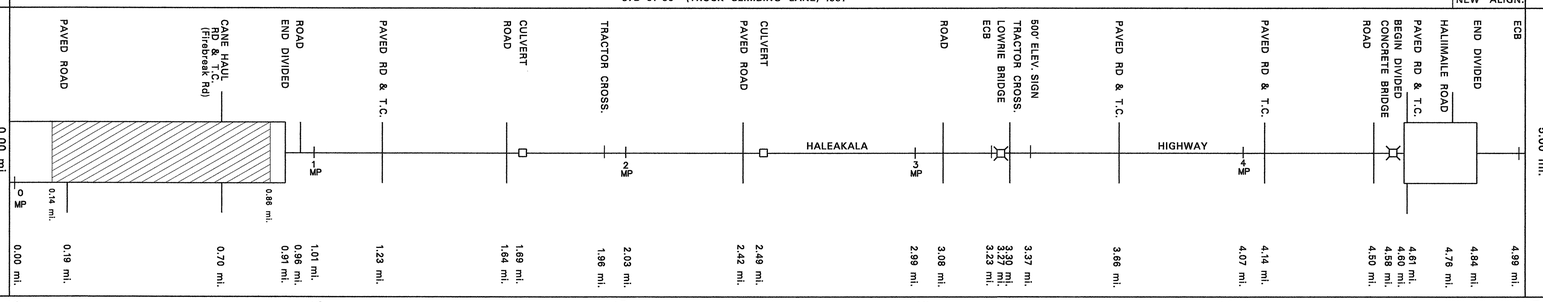
Maintenance Control Sections : Length and Description
Begin 37B on Haleakala Highway at the centerline intersection with Hana Highway | 37B (4.76 MI) | End 37B – Begin 37C on Haleakala Hwy at the centerline with Halimaile Road | 4.76
ADT Sections; ADT; Traffic Count and Truck Weight Stations
37 01 (4.76 MI) | 37 02 (2.40 MI)

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

Right of Way Width (min.–max.) if varies
50' | 0.74 | 60' | 3.05 | 120' – 140' | 4.76 | 140' – 200'
Available Right of Way Width (Needs Study)
CLEAR 1000' – SUGAR CANE 30' FROM EDGE OF PAVEMENT
Right of Way Fence: Type – Right and Left
N O N E
Control of Access: 1–None, 2–Partial, 3–Full
S T A T E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
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

0 | 1 | 2 | 3 | 4 | 5

Divided Highway – Undivided
Shoulder: Width and Type
6' AC | 10' AC
Pavement: Width and Type
12' AC | 24' AC | 36' AC | 12' AC | 36' AC
Shoulder: Width and Type
0' | 4' AC | 6' AC | 0' | 10' AC
Divided Highway
Median: Width and Type
4'–22' PAINTED AC | 16'–28 GRASS | 16' GRASS FLUSH | (0–16' PAINTED AC) | 12' PAINTED AC
Shoulder: Width and Type
0' | 4' AC | 0'
Pavement: Width and Type
12' AC | 24' AC | 24' AC
Shoulder: Width and Type
6' AC | 10' AC

Number of Traffic Lanes
2–12' | 4–12' | 1–12' 1–12' and 1–12' TRUCK CLIMBING LANE
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
1–12' AC | (1–12' (L) TL)
(Right Side)
14' | 12'
9' | 7'
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
M/C | M/C | M/C | 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 → (coning 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) | 55 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing 3 PHASE
Sight Distance: Minimum Passing PSD– 0.70
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
36A–01–82 1983 (INTER IMPROV) → 37CD–01–80M 1980 (RESURFACE) 0.68
FAP E–5E 1933 0.85
FAP E–5E 1932 0.70 | F–037–1(7) 1972
HPMS

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

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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

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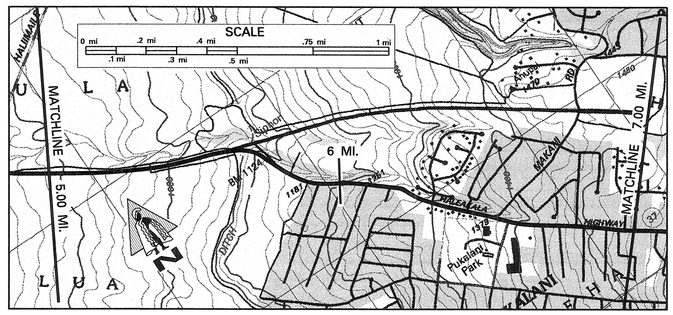
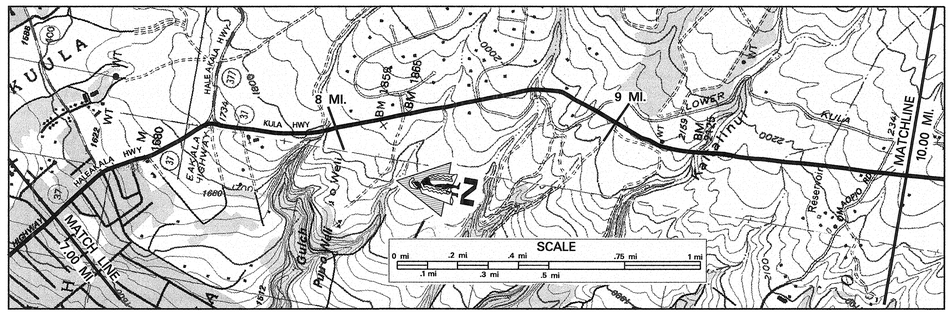




SCALE: (In Miles) 4" = 1 mile

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

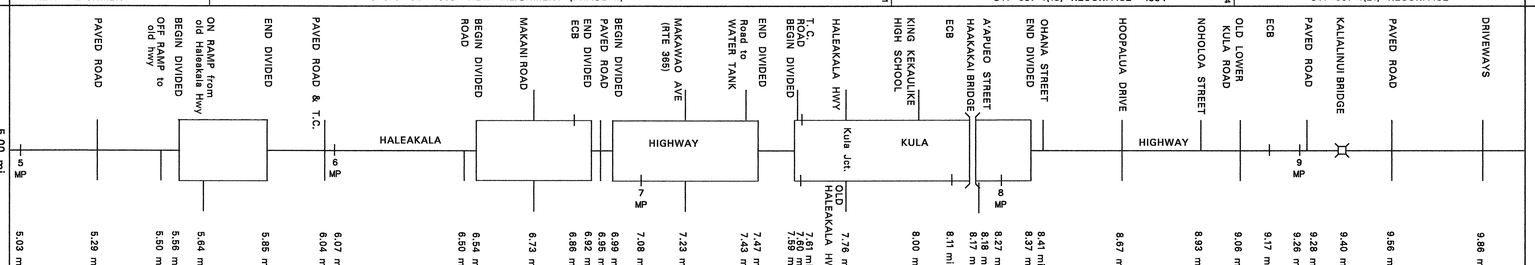
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CULVERT (2–10') 1964 HS–20 40' (8.17); PRESTRESSED BEAM 1964 HS–20 324' (9.40)
	Vertical Clearance	
	Horizontal Clearance	24' (8.17); 28' (9.40)
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	

Right of Way Width (min.–max.) if varies	140' – 200' (5.50–7.91); 90' – 270' (7.91–10.00)
Available Right of Way Width (Needs Study)	PASTURE AND RANCH LANDS (5.50–8.58; 8.74–9.88)
Right of Way Fence: Type – Right and Left	ALL WIRE ON WOOD (8.58–8.74; 9.27–9.38; 9.41–9.88)
Control of Access: 1–None, 2–Partial, 3–Full	N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
Project No., Type of Construction, and Year Constructed	37C–02–90, 1993 NEW ALIGNMENT (5.50–5.66); 37C–01–92 1993 NEW ALIGNMENT (PHASE II) (5.73–6.95); 37C–01–97, 1998 (8.73); 37CD–01–02M, REPAIR & MAINT., 2004 (7.91–10.00)
Project No., Type of Construction, and Year Constructed	STP–037–1(18) RESURFACE 1994 (7.91–9.04); STP–037–1(21) RESURFACE 1999 (9.04–10.00)

37 02 (2.40 MI) | 7.78 | 37 03 (0.37 MI) | 7.52 | 37C (9.25 MI) | 37 04 (2.27 MI)

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; 8'½ AC; 10' AC; 10' AC; 6' AC
	Pavement: Width and Type	36' AC; 12' AC; 36' AC; 12' AC; 12' AC; 24'½ AC; 12' AC; 24' AC
	Shoulder: Width and Type	10' AC; 0'; 10' AC; 0'; 0'; 8'½ AC; 0'; 6' AC
Divided Highway	Median: Width and Type	8' PAINT AC (5.64–5.85); 12' PAINT AC (6.04–6.92); 12' PAINT AC (6.99–7.47); 12' PAINT AC (7.89–8.27)
	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 (7.78); 6' AC

Number of Traffic Lanes	1 – 12' (5.50–7.78); 1–12' AND 1–12' TRUCK CLIMBING LANE (6.59–7.65); 2 – 12' (7.78–10.00)
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' (6.59–6.72); 12' (6.84–7.13); 12' (7.22–7.30); 12' (7.34–7.65); 12' (7.78–7.88)
(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	M/M (5.66–5.85); M/M (7.22–7.44); M/M (7.71–7.78); M/M (8.19–8.55); M/C (8.85–9.35)
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	–4 (8.18–8.33); –3 (8.38–8.79); –5 (9.02–9.15); –3 (9.46–9.93)
Vertical Curve: ~~Crest or Sag~~, Curve Limits	CONTRA FLOW LANES (5.64–5.66)
Area and Development:	RURAL (5.50–5.66); URBAN (5.66–8.40); RURAL (8.40–10.00)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (5.05–5.50); R O L L I N G (5.50–10.00)
Speed: 1–Design, 2–Posted	45 MPH (2) (5.50–10.00)
Intersection Control Devices: Type, Location and Cycle Timing	3 PHASE (7.23); 3 PHASE (7.76)
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	DOD 705 (7.15–7.82); DOD 700 (7.82–10.00)
Census Tracts	
Functional Classification	MINOR ARTERIAL (5.50–7.76); MAJOR COLLECTOR (7.76–10.00)
National Highway System (NHS)	N H S (6.66–9.04)
Previous Projects: Project No., Date and Limits	37C–02–90 1993 (NEW ALIGNMENT) (6.66–9.70); 37C–02–82 INTER. IMPROV, (7.54–9.04); STP–037–1(19) 1996 (6" SHLDR & GUARD RAILS) (9.04–10.00); 37C–01–81M 1981 (RESURFACE) (6.70–7.54); 37C–01–88M 1988 RESURFACE (9.05–10.00); 37C–01–91 1992 RIGHT TURN LANE (6.43–6.84); 37CD–01–80M 1980 RESURFACE (7.57–9.05); BF–037–1(1) 1962 (9.05–10.00); WDRC 14(1) 1948 (6.84–7.15); FAP 5B 1929 (7.15–7.43); RF–037–1(14) 1970 (7.43–7.60)
HPMS	

SCALE: (In Miles) 4" = 1 mile

Date Released
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Revised	

ROAD INVENTORY

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Total Route Length: 21.39 miles
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b. Proposed Length: 0.00 miles
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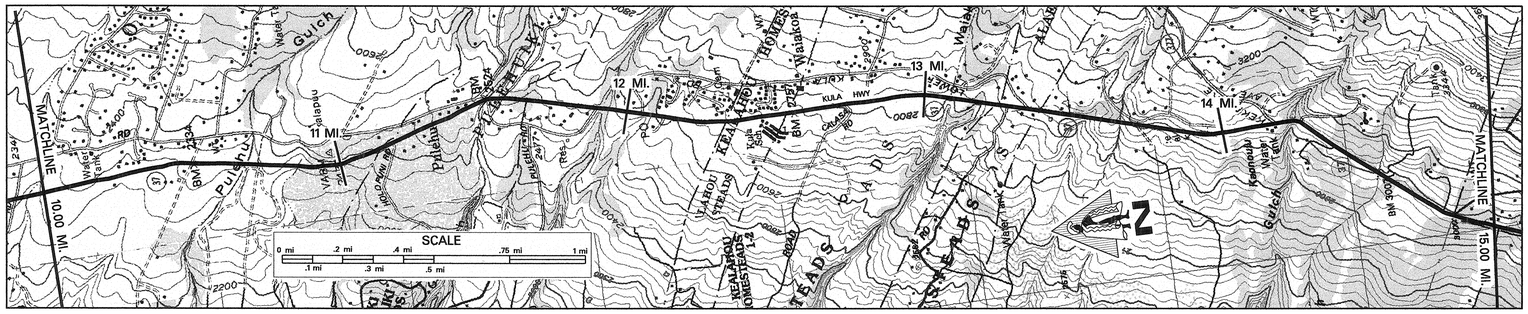

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description		37 04 (2.27 MI) · 37 05 (2.64 MI) · 37C (9.25 MI) · 37 06 (2.29 MI) · END 37C – BEG. 37D ON KULA HWY AT THE CENTERLINE OF KEKAULIKE AVE (14.26)
ADT Sections; ADT; Traffic Count and Truck Weight Stations		
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	10.09 · PRESTRESSED BEAM 1964, HS-20 164' · RC DECK GIRDER 1933, H-15 75' (14.07)
Structure Carrying Road	Vertical Clearance	
Structure Carrying Road	Horizontal Clearance	28' · 24'
Structure Over Road	Vertical Clearance	
Structure Over Road	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) · RESIDENTIAL (12.46, 13.80, 13.90, 14.35)
Right of Way Fence: Type – Right and Left	All fences: Wire on Wood (unless indicated)	(12.18, 12.75, 13.19, 13.36, 13.50, 14.17)
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		37CD-01-02M, REPAIR & MAINT., 2004
Project No., Type of Construction, and Year Constructed		STP-037-1(21) RESURFACE 1999 · STP-037-1(18) WIDEN & RESURFACE 1994 (14.33)

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET # 2

10.00 mi.

OMAOPIO ROAD (10.03 mi.) · KEONI PLACE (10.12 mi.) · BEGIN DIVIDED (10.20 mi.) · ROAD TO ENCHANTING GARDENS (10.25 mi.) · END DIVIDED (10.33 mi.) · NAELE ROAD (10.45 mi.) · PAVED ROAD (10.63 mi.) · KULA (10.85 mi.) · HOLOPUNI ROAD ECB (11.28 mi.) · 11 MP (11.31 mi.) · KE STREET (11.45 mi.) · LOWER KULA ROAD (11.65 mi.) · KAMEHAMEIKI ROAD (11.78 mi.) · KEAHUAIWI BRIDGE (12.02 mi.) · LOWER KULA ROAD (12.17 mi.) · POST OFFICE ROAD (12.23 mi.) · 12 MP (12.29 mi.) · KULA ELEM. SCHOOL (12.58 mi.) · KULA ELEM. SCHOOL (12.68 mi.) · CALASA ROAD (12.85 mi.) · COPP ROAD (12.95 mi.) · 13 MP (13.30 mi.) · NAALAE ROAD (13.39 mi.) · HIGHWAY (13.76 mi.) · CULVERT (13.88 mi.) · CULVERT (13.99 mi.) · CULVERT (14.10 mi.) · LOWER KULA ROAD (14.25 mi.) · KEKAULIKE AVE (Route 377) (14.30 mi.) · 14 MP (14.33 mi.) · KAIPOIOI BRIDGE (14.33 mi.) · CULVERT (14.65 mi.) · POLIPOLI ROAD (14.97 mi.)

CONTINUES ON SHEET #4

15.00 mi.

Divided Highway – Undivided	Shoulder: Width and Type	6' AC
Divided Highway – Undivided	Pavement: Width and Type	24' AC · 12' AC · 24' AC · 22' AC (14.33)
Divided Highway – Undivided	Shoulder: Width and Type	6' AC · 0 · 6' AC · 2' – 6' AC (14.33)
Divided Highway	Median: Width and Type	12' PAINT (10.20 – 10.48)
Divided Highway	Shoulder: Width and Type	0
Divided Highway	Pavement: Width and Type	12' AC
Divided Highway	Shoulder: Width and Type	6' AC
Number of Traffic Lanes		2 – 12' · 2 – 11' (14.33)
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		(10.27 – 10.40)
(Right Side)		(10.23 – 10.33)
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		(10.02 – 10.16) · (10.32 – 10.48) · (10.54 – 11.09) · (11.15 – 11.37) · (11.49 – 11.57) · (12.57 – 12.69) · (12.77 – 12.92) · (13.07 – 13.09) · (13.62 – 13.69) · (13.77 – 13.95) · (14.27 – 14.30) · (14.38 – 14.51) · (14.53 – 14.54) · (14.61 – 14.64) · (14.67 – 14.87) · (14.89 – 14.99)
Curb and/or Gutter: Type (Right and Left)	ALL GUTTERS 2' AC	CONC. GUTTER (12.30 – 12.46)
Protective Devices: Type, Location and Number	METAL ON METAL / METAL ON CONCRETE	M/C (10.50 – 10.95) · (11.03 – 11.31) · M/C (12.40 – 12.79) · (13.39 – 13.63) · (14.39 – 14.70)
Illumination: Type, Location and Number		
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		(10.18) 0 (10.46) (10.70) –2 (10.86) (11.26) –5 (11.46) (12.16) –5 (12.32) (12.46) –5 (12.77) (13.23) –4 (13.36 – 13.39) –3 (13.55) (14.07) +4 (14.78) –1 (14.90)
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) (12.54 – 12.79) · 45 MPH (2) · 35 MPH (2) (14.27 – 14.32)
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		(14.25)
Census Tracts		
Functional Classification		MAJOR COLLECTOR
National Highway System (NHS)		
Previous Projects: Project No., Date and Limits		
		STP-037-1(19) 1996 GUARDRAIL & SHOULDER (14.33)
		37C-01-88M 1988 RESURFACE · 37D-01-75 1978 WIDEN & RESURFACE (14.33)
		BF-037-1(1) 1962 · FAP 13A 1932 (14.31)
HPMS		

SCALE: (In Miles) 4" = 1 mile

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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

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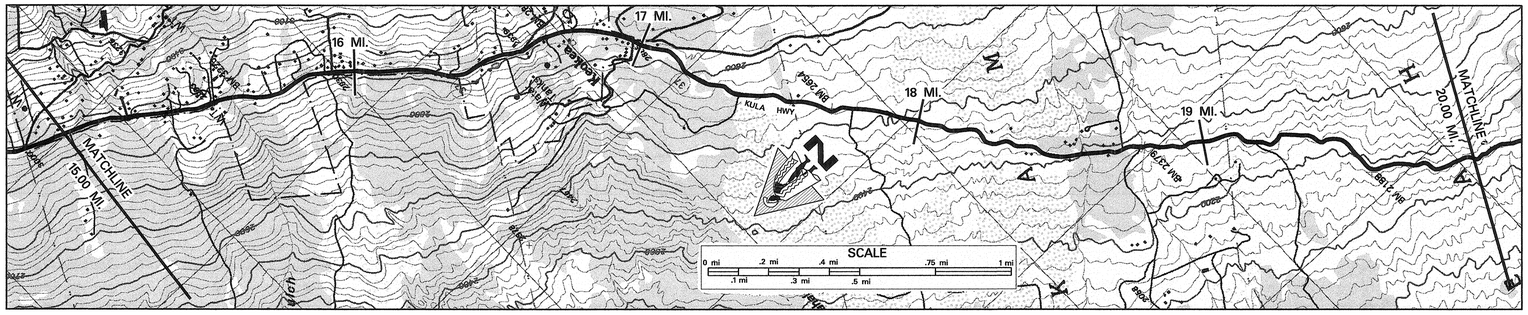


SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Maintenance Control Sections : Length and Description

37D (2.77 MI) | End 37D on Kula Hwy. at the centerline intersection w/ Kula Sanitorium Road (17.02)

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'

Vertical Clearance

Horizontal Clearance

22' – 22'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

60'

Available Right of Way Width (Needs Study)

RESIDENTIAL (15.98, 16.26, 16.62, 16.66) | BRUSH AND PASTURE LAND (17.16, 17.67, 18.52, 18.60, 18.67, 18.76)

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

STONEWALL (17.67 – 18.52) | WIRE / WOOD AND STONEWALL (17.23 – 17.60, 18.60 – 18.67, 18.76)

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

STATE

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

Project No., Type of Construction, and Year Constructed

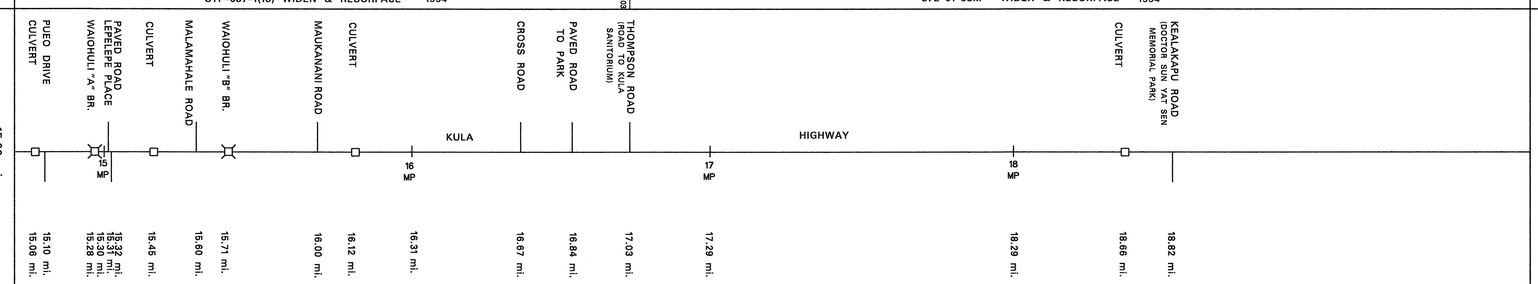
37CD–01–02M, REPAIR AND MAINTENANCE, 2004 (17.29)

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

15 | 16 | 17 | 18 | 19 | 20

Divided Highway – Undivided

Shoulder: Width and Type

2' – 6' AC | 2' AC

Pavement: Width and Type

22' AC | 18' AC

Shoulder: Width and Type

2' – 6' AC | 2' AC

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2 – 11' | 2 – 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

– 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

35 MPH (2) | 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)

FAP 13A, 1932 | FAP E-13A 1932 | COUNTY

HPMS

0.39 MI. | 2.66 MI.

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

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

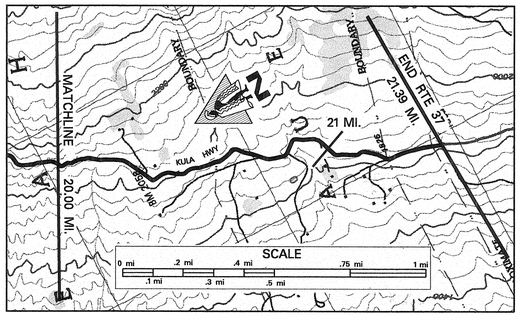
Total Route Length: 21.39 miles

a. Survey Length: 21.39 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



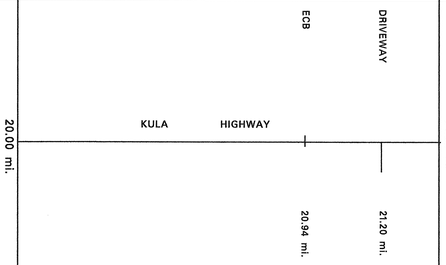
SCALE: (In Miles) 4" = 1 mile — 20 | 21 | 22 | 23 | 24 | 25

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	
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60'
Available Right of Way Width (Needs Study)	BRUSH AND PASTURE LAND
Right of Way Fence: Type – Right and Left	WIRE ON WOOD 20.96 / WIRE ON WOOD 20.96
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
Divided Highway — Undivided — Pavement: Width and Type	18' AC
Divided Highway — Undivided — Shoulder: Width and Type	2' AC
Divided Highway — Median: Width and Type	
Divided Highway — Shoulder: Width and Type	
Divided Highway — Pavement: Width and Type	
Divided Highway — Shoulder: Width and Type	
Number of Traffic Lanes	2 – 9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	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	2.66 MI. → 20.09

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

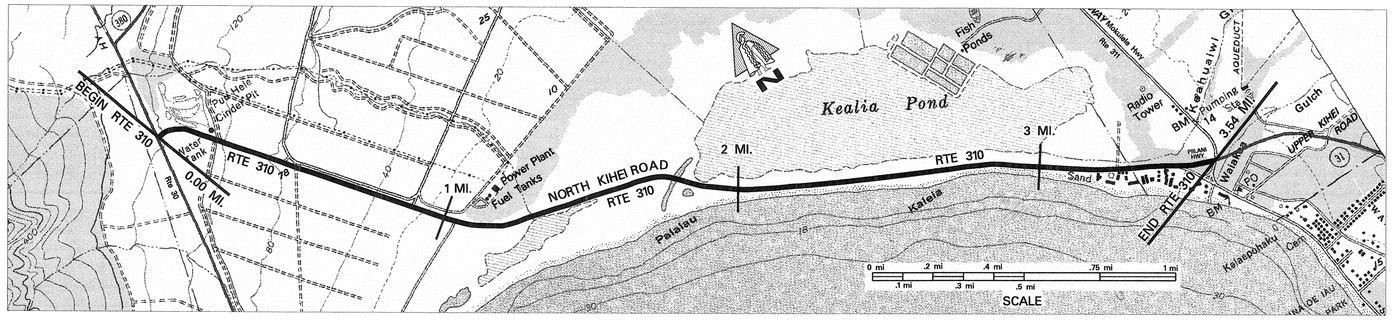
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

0.00 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 — 5.32

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

0.00 0.09 0.38 — 200' 130' — 60' — 0.87 — 40' — 3.34 105' 2.41 120'–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

1.08 Wire 1.24 — 1.52 Wire 2.04 — 2.89 Wire

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

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

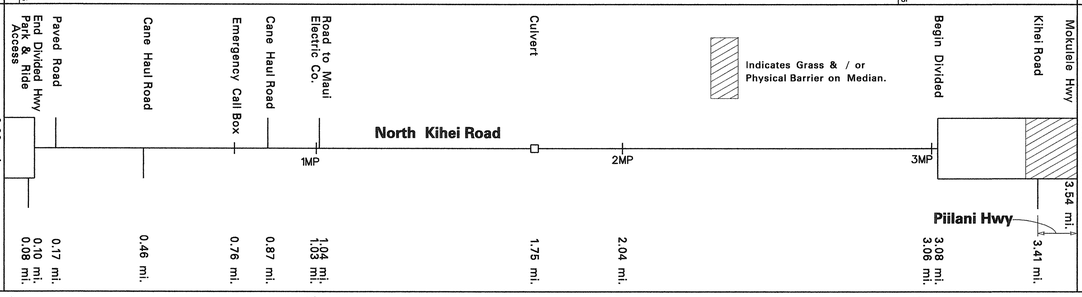
0.15 STATE

Project No., Type of Construction, and Year Constructed

0.15 [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



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type — 10' AC — 0.05 — 6' AC — 10' AC

Pavement: Width and Type — Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10 — (42' AC) — 0.03 — 36' AC — 24' AC — 22' AC — 12' AC

Shoulder: Width and Type — 0.03 — 0 — 10' AC — 6' AC — 0' — 2' AC

Median: Width and Type — 0'–10' Painted AC — 0.10 — 3.08 — 0'–12' Painted AC — 3.37 — 8'–12' Grass w/ Raised Curb

Shoulder: Width and Type — 0.03 — 0 — 0' — 0'

Pavement: Width and Type — Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10 — (16' AC) — 24' AC — 0.08 — 0.15 — (12' AC) — 12' AC

Shoulder: Width and Type — 10' AC — 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 — 3.15 — 3.25 — All 12' Turning Lanes

(Right Side) — 1–12' (R) TL — 0.38 — Two–Way (L) Turning Lanes — 3.31 — 3.41 — 3.46 — 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 — 3.15 — 4 M.V. — 3.41

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative — –3 — 0.93 — 1.29 — 0 — 1.64 — 2.00 — –1 — 2.28 — 2.38 — 0 — 2.78

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 — 3.10 — 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing — 0.00 3 Phase — 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 — 3.32 — [TQF–RF–031–1(6), 1981 (New Construction)]

WDRC 14(1) 1948 — County

HPMS — 0.10 — 0.77 — 0.87

SCALE: (In Miles) 4" = 1 mile

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

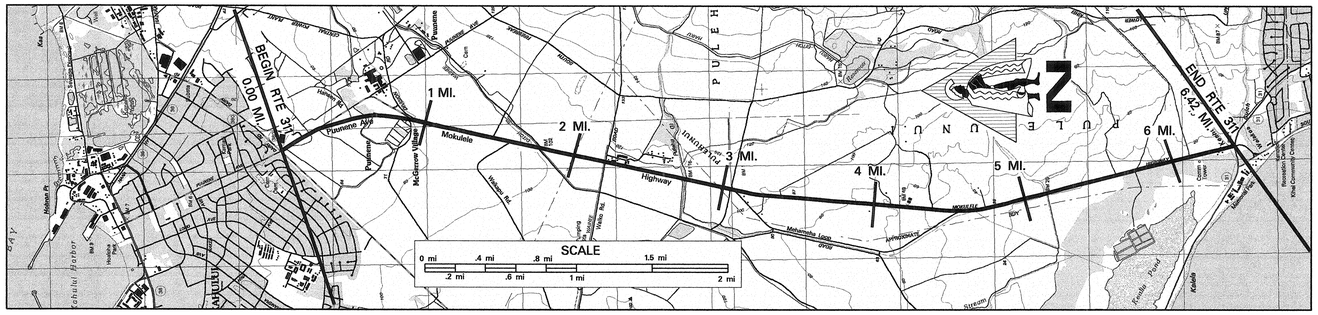
ROAD INVENTORY
MAUI RTE 311
PUUNENE AVENUE, MOKULELE HIGHWAY

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.) | 311 02 (5.84 Mi.)

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

Structure Carrying Road — Vertical Clearance: 20' | 17'– 5"

Structure Carrying Road — Horizontal Clearance: 25' | 36'

Structure Carry Road — Vertical Clearance

Structure Carry Road — Horizontal Clearance

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

Available Right of Way Width (Needs Study)

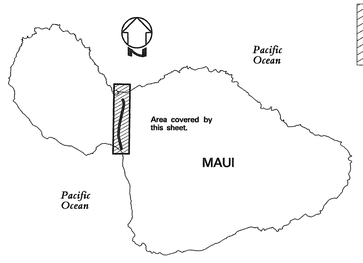
Right of Way Fence: Type – Right and Left: Chain Link | Wire on Wood Posts

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

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

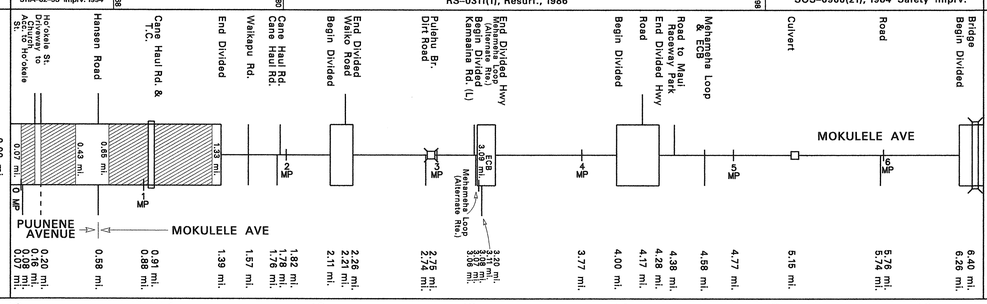
Project No., Type of Construction, and Year Constructed: NH–A311(3), Widening, 2003 | 311A–01–93M, Resurf., 1993

Project No., Type of Construction, and Year Constructed: 311A–02–93 Imprv. 1994 | RS–0311(1), Resurf., 1986 | SOS–0900(21), 1984 Safety Imprv.



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type: 8' AC | 4' AC

Pavement: Width and Type: 24' AC (12' AC) | 22' AC | 11' AC | 22' AC | 11' AC | 22' AC | 11' AC | 22' AC | 11' AC

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

Median: Width and Type: 16' Grass (16'–0 Paint) | 1' Paint 4' AC | (0–10' Painted AC) | 8' Painted AC | (0–10' Painted AC)

Median Barriers:

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

Pavement: Width and Type: 24' AC (12' AC) | 11' AC | 11' AC | 11' AC | 11' AC

Shoulder: Width and Type: 8' AC | (10'–15' Grv.) (4' 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)

(Right Side): 9' (L) T.L.

Frontage Road: No. of Lanes, and Width (Right and Left): 10' AC Bike Route (12' AC Bike Route)

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 | 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 | Rural | Urban

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

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

Intersection Control Devices: Type, Location and Cycle Timing: 4 Phase | 4 Phase | 2 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–01–93M, Resurf., 1993 County

HPMS

SCALE: (In Miles) 2" = 1 mile

Date Released
Feb 2004, D.B.

Revised	
May 04	D.B.
Sept 04	D.B.

ROAD INVENTORY

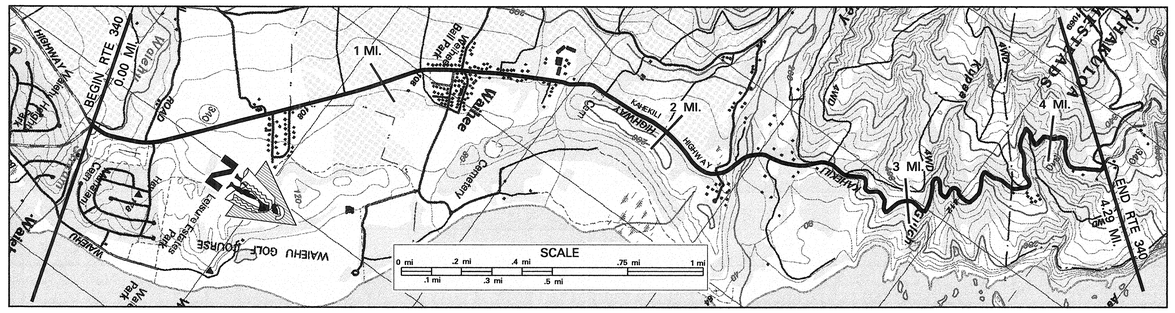
MAUI RTE 340
KAHEKILI HIGHWAY

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

0 | 1 | 2 | 3 | 4 | 5

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

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' | 2.42 | 40'

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

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

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

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

Project No., Type of Construction, and Year Constructed: 3400B–01–97M RESURFACE 1998 | 0.26 | 340D–01–93M RESURFACE 1994

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

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

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

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

SCALE: (In Miles) 4" = 1 mile

0 | 0.28 | 1 | 1.28 | 1.46 | 2 | 2.42 | 3 | 4 | 5

Divided Highway – Undivided
- **Shoulder: Width and Type**: 6' AC | 2' AC | 1.18 | 0 | 1.82 | 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 | 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
- **Shoulder: Width and Type**: 0
- **Pavement: Width and Type**: 9' AC
- **Shoulder: Width and Type**: 2' AC | 1.18 | 1.28 | 1.45 | 1.62 | 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): 0.20 | 0.25 | 1.12 | 4' CONC. | 1.62 | 4.14 | 4.22

Curb and/or Gutter: Type (Right and Left) AC CURBS: 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: R U R A L

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

Speed: 1–Design, 2–Posted: 35 MPH (2) | 20 MPH (2) | 1.57 | 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 | 0.01 | COUNTY | 1.99 | S–0330(2) 1967 | 2.42 | COUNTY

HPMS: 0.28 | 0.59 MI | 0.86 | 0.30 MI | 1.15 | 2.42 | 1.85 MI. | 4.27

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

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

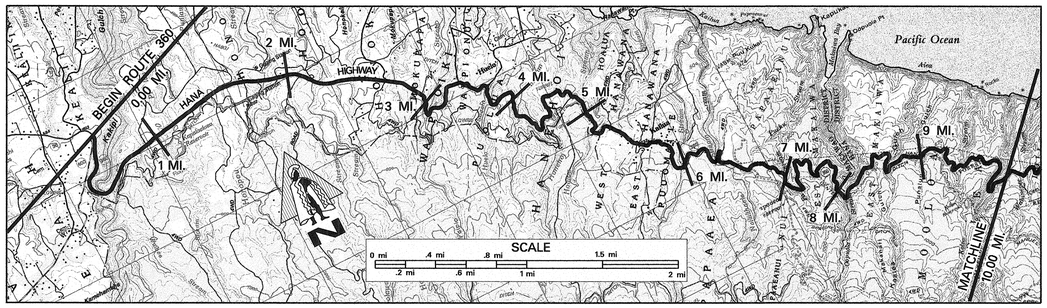
Total Route Length: 34.93 miles

a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Maintenance Control Sections : Length and Description

36 C (5.87 mi.) (Old FAP 36) | 360 A (12.20 mi.)

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 | Steel Multistringer 1941 HS 20 | Tee Beam 1929 | Tee Beam 1929 – H15 | Tee Beam 1930 – H15 | Tee Beam 1925 – H15 | Slab 1928 – H15 | Tee Beam 1928 – H10 | Slab 1911 – H15

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

Vertical Clearance

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

Horizontal Clearance

Shoulder or Rail

Vertical Clearance

Horizontal Clearance

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

80′–360′ | 80′–160′ | 50′–135′ | 50′ | 40′

Available Right of Way Width (Needs Study)

Cliffs / Pasture Area | Res. Area | Bushes & Trees

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

Wire | W/W | W/W | W/W | W/W | W/W | W/W | W/W | 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

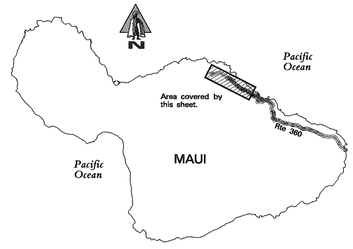
Project No., Type of Construction, and Year Constructed

(360AB–01–00M, 2002 Repairs & Maintenance)

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

Project No., Type of Construction, and Year Constructed

STP–0900(39), (R) 1996 | 360A–01–80, 1981 | 360A–01–82, 1983 (Imprv.) & 360A–01–83M, 1983 (Resurfacing)



Road Diagram

* MP=Milepost Signage

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

0.00 mi.

HANA HIGHWAY

Road | Road Culvert | Road | Ueana Lp. | Hoolawa Br. | Ueana Loop 2.63 mi. | E. Waipio Rd. | Culvert | Hoolua Bridge | Culvert | Driveway | Kailua Bridge | Nailiilihaele Br. | PA Culvert | Oopuola Br. | Makanali Br. | Kaalea Br. | Kolea Culvert | Waikamoi Br. Trail (R) | Waikamoi Br.

0.52 mi. 0.55 mi. 0.42 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. 9.26 mi. 9.46 mi. 9.88 mi.

Continued on Sheet #2.

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Divided Highway — **Undivided**

Shoulder: Width and Type

6′–8′ AC | 2′ AC | 2′–4′ Grs. | 0 | 2′–4′ Grs. | 0–2′ Grass | 2′–4′ Grs. | 0–2′ Grass

Pavement: Width and Type

24′ AC | 20′ AC | 18′ AC

Shoulder: Width and Type

4′–6′ AC | 6′–8′ AC | 4′–6′ AC | 2′–4′ AC | 0–2′ Grass

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2–12′ | 2–10′ | 2–9′

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

(C. 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

Mountainous

Speed: 1–Design, 2–Posted

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

Intersection Control Devices: Type, Location and Cycle Timing

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

30+40 | 48+64.21 | 50+00 | 219+00 | 319+00 | 0+00 | 130+72.45 | 0.62

HPMS

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Date Released
Oct. 2003, D.B.

Revised	
Sept. 04	D.B.

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

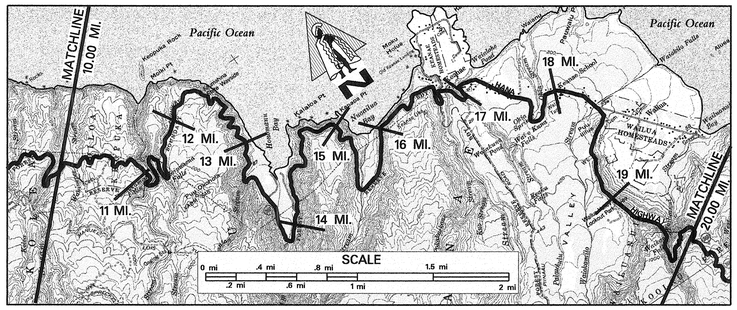
Total Route Length: 34.93 miles

a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Maintenance Control Sections : Length and Description

360 A (12.20 mi.) | End 360A & Begin 360B on Hana Hwy at the Southeast End of Waiokamilo St. Bridge. | 360 B (16.57 mi.)

ADT Sections; ADT; Traffic Count and Truck Weight Stations

360 02 (25.52 mi.)

Structure Carrying Road

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

Tee Beam 1912 – H15	Tee Beam 1912 – H15	Tee Beam 1911 – H15	Tee Beam 1911 – H15	Tee Beam 1911 – H15	Tee Beam 1916 – H15	Tee Beam 1916 – H15	Tee Beam 1921 – H15	Conc. Masonry Arch 1926 – H15
56′	34′	34′	48′	35′	28′	31′	24′	108′
10.07	11.44	13.16	13.71	15.39	16.60	16.77	18.07	18.39

Vertical Clearance

15′	12′	12′	12′	21′	19′	20′	22′	17′

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

(40′–115′) | 14.19 | 14.31 | 40′ | 17.25

Available Right of Way Width (Needs Study)

Bushes & Trees | Res. Area | Heavy Brush & Trees | Res. Area | Heavy Brush, Trees & Steep Cliffs

Right of Way Fence: Type – Right and Left

Wire | 16.29 | 10.73 | 16.93 | 16.95 | 17.18 | 17.11 | 17.22 | 17.73

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

None

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

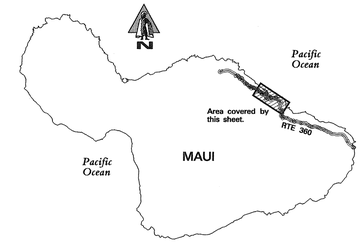
State

Project No., Type of Construction, and Year Constructed

(360AB–01–00M (Repairs & Maintenance) 2002) | 13.96 | 14.08 | (360B–01–93M (R) 1994) | (360B–01–95M (R) 1997)

Project No., Type of Construction, and Year Constructed

360A–01–94M, 1995 Resurfacing & Improvements | 13.96 | 14.08 | 360AB–01–98M (R) 1999 | (360AB–01–88 (Resurf & Improv.) 1990) | 18.74 | 18.80 | 19.39



Road Diagram

* MP = Milepost Signage

Continued from Sheet #1.

Culvert | "Garden of Eden" Arboretum | Puohokamoa Br. | Hepuoeena Br. | Culvert | Kaumahina Wayside Park Rd. | Culvert | Culvert | Culvert | Kolea Br. | Dirt Road | Culvert | Honomanu Br. | Campground Rd. | Culvert | Culvert | Culvert | Culvert | Nuaailua Br. | Culvert | Culvert | To County Garage | Culvert | Culvert | Culvert | Palauhulu Br. | Culvert | Culvert | "Half Way to Hana" Fruit Stand (Waimau) | Conc. Bridges | Culvert | Keanae School | Culvert | Culvert | Culvert | Culvert

ROAD INVENTORY

MAUI RTE 360
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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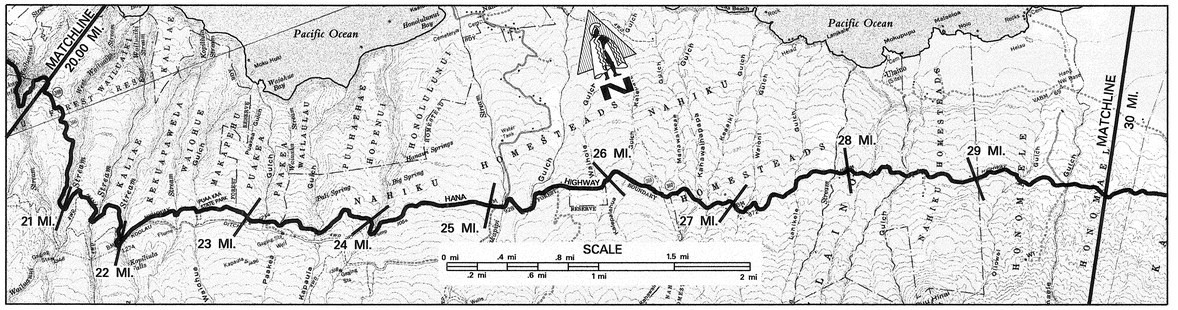
Total Route Length: 34.93 miles

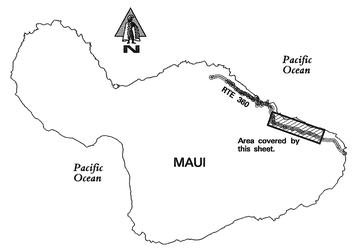
a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description: 360 B (16.57 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

Mile	Tee Beam 1937 H15	Tee Beam 1926 H15	Tee Beam 1926 H15	Tee Beam 1926 H15	Tee Beam 1937 H15	Tee Beam 1920 H15	Tee Beam 1926 H15	Conc. Masonry Arch 1926 H15	Tee Beam 1926	Tee Beam 1926 – H15	Conc. Masonry Arch 1926 – H15	Tee Beam 1926	Tee Beam H15	Tee Beam – H15	Slab 1908 – H15	Tee Beam 1914 – H15	Tee Beam 1924 – H15
20	62'	34'	76'	20'	40'	20'	49'	60'	23'	40'	60'	24'	24'	51'	48'	22'	38'
21	20'	18'	14'	22'	13'	12'	16'	20'	16'	16'	16'	16'	16'	16'	13'	16'	16'
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left (W/W = Wire on Wood): Heavy Grass & Trees; W/W; Wire on Wood; Res. / Farm Area; Clr. 1000' – Pasture, Grass – 15' from Pvmt.

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

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

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

Continued from Sheet #2.

HANA HIGHWAY

Culvert; Culvert; Culvert; W. Waiiaiki Br.; Culvert; Culvert; E. Waiiaiki Br.; Culvert; Culvert; Kopiliula Br.; Culvert; Culvert; Waiohue Br.; Culvert; Puaa Kaa Park (R); Puaa Kaa Br.; Culvert; Unnamed Br. #2; Unnamed Br. #1; Culvert; Culvert; Kaaiakamanu Br.; Culvert; Culvert; Hanawi Br.; Bridge; E. Hanawi Br.; Lower Nahiku Rd.; Makapipi Br.; Kuhiwa Br.; Kuputoi Br.; Kahaloaweka Br.; Puapapa Br.; Kahawaihapapa Br.; Kaaiki Br.; Waiaiki Br.; W. Waiaiki Br.; Culvert; Culvert; Lanikele Br.; Ulaino Br.; Helelelkeoha Br.; Mokulehua Br.; Olowal Br.; Honomaele Br.; Bridge

MP: 20 21 22 23 24 25 26 27 28 29 30

20.10 mi. 20.28 mi. 20.64 mi. 20.83 mi. 21.06 mi. 21.19 mi. 21.35 mi. 21.55 mi. 21.87 mi. 21.81 mi. 22.15 mi. 22.18 mi. 22.31 mi. 22.47 mi. 22.49 mi. 22.59 mi. 22.83 mi. 23.00 mi. 23.02 mi. 23.11 mi. 23.28 mi. 23.37 mi. 23.39 mi. 23.75 mi. 23.82 mi. 23.99 mi. 24.16 mi. 24.17 mi. 24.85 mi. 24.98 mi. 25.01 mi. 25.20 mi. 25.42 mi. 25.85 mi. 25.88 mi. 26.48 mi. 26.60 mi. 26.77 mi. 26.84 mi. 26.87 mi. 27.01 mi. 27.33 mi. 27.41 mi. 27.76 mi. 27.82 mi. 27.86 mi. 27.98 mi. 28.31 mi. 28.89 mi. 29.18 mi. 29.54 mi. 29.86 mi. 29.93 mi.

Continued on Sheet #4.

SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided PSD
- Shoulder: Width and Type: 0–2' Grass
- Pavement: Width and Type: 16'–18' AC | 18' AC
- Shoulder: Width and Type: 0–2' Grass

Median: Width and Type: 2' AC

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 (Improv.) 1981

HPMS: County; County to State

SCALE: (In Miles) 2" = 1 mile

Date Released
Oct 2003, D.B.

Revised	
Aug. 04	D.B.

ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY & KEAWA PLACE

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

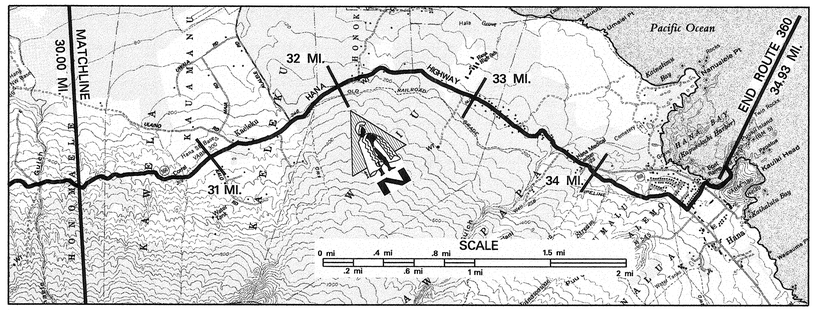
Total Route Length: 34.93 miles

a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

30 31 32 33 34 35 36 37 38 39 40

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.) | 360 03 (2.30 mi.) | 360 04 (1.18 mi.)

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

Tee Beam – H20 1947

Vertical Clearance: 73' (35.44)

Horizontal Clearance: 26'

Structure Carried Over Road — Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

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

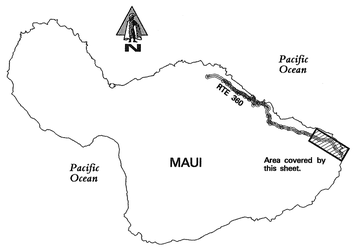
Wire | Wire | Wire | W/W | W/W | W/W | Wood | Wood | Bushes & Trees | Various | None | Res. Area | Clr. 1000' Pasture 15' from Pvmt. | Res. Area | W/W | Chain Link | Wire on Wood | Chain Link

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: (360B-01-80 (Improv.) 1981) | (ER-12(5) (Roadway Repairs) 2002) | (360B-01-83M (Resurface) 1983)

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)



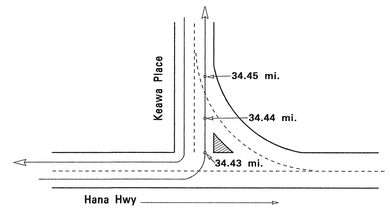
Road Diagram

* MP = Milepost Signage

Continued from Sheet #3.

Bridge 30.09 mi. | Bridge 30.20 mi. | Culvert 30.50 mi. | Kalo Rd. 30.57 mi. | Uliuna St. 30.79 mi. | Culvert 30.88 mi. | Kaleleku Pl. 30.99 mi. | Alalele Pl. (Rd. to Hana Airport) 31.17 mi. | Olopawa Rd. 31.38 mi. | To Waiohonapapa State Park 31.54 mi. | Hana Elementary School 31.87 mi. | Hana High School 31.92 mi. | Waikoloa Rd. (Refuse Disposal Site) 32.59 mi. | Helani Gardens Kawaipapa Br. 32.68 mi. | HANA HIGHWAY 32.84 mi. | Hana Mid. Comm. Recreation Center 33.14 mi. | Bridge 33.74 mi. | Bridge 33.78 mi. | Fire Sta. 33.78 mi. | Pa'animoi Park 33.89 mi. | Keaiki St. 34.08 mi. | Alau St. 34.15 mi. | Keanini Dr. 34.31 mi. | Kawaa Pl. (L) 34.37 mi. | Hana angle point 34.43 mi. | Culvert Ua Kea Rd. 34.61 mi. | KEAWA PLACE 34.84 mi.

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



SCALE: (In Miles) 2" = 1 mile

30 31 (0.02 mi.) 32 33 34 35 36 37 38 39 40

Divided Highway — Undivided — Shoulder: Width and Type: 0–2' Grs. | 2'–4' Grs.

Pavement: Width and Type: 18' AC | 24' AC | 18' AC | 16' AC | 18' AC | 16' AC | 20' AC

Shoulder: Width and Type: 0–2' Grs. | 2'–4' Grs. | 8'–10' Grass | 2'–4' Grass | 0–2' Grass | 2'–4' Grass | 20' AC

Median: Width and Type: 0–2' Grass | 6'–8' Grass | 0 | 8'–10' Grass | 0 | 4'–6' AC

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'

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

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

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 S8(1), 1947)

HPMS: 0.48 mi.

SCALE: (In Miles) 2" = 1 mile

30 31 (0.02 mi.) 32 33 34 35 36 37 38 39 40

Date Released
Oct 2003, D.B.

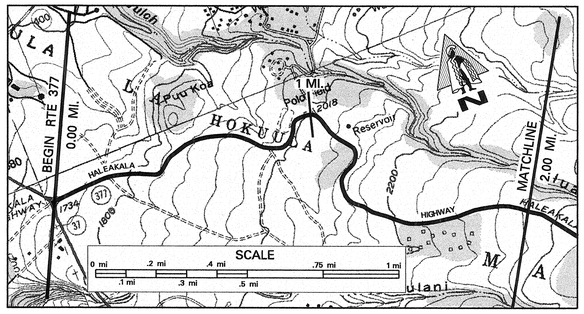
Revised	
Aug. 04	D.B.

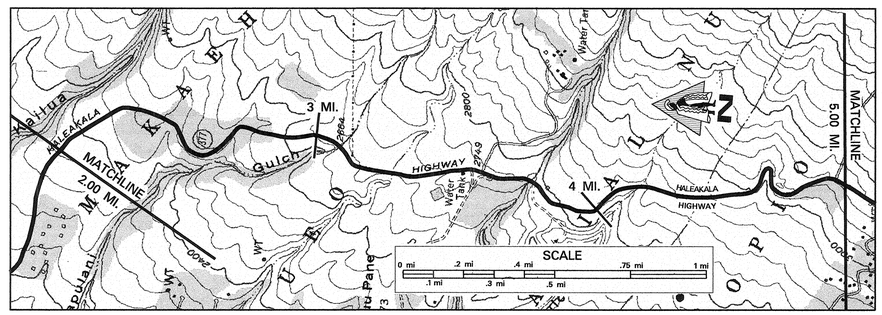
ROAD INVENTORY
MAUI RTE 377
KEKAULIKE AVE & HALEAKALA HWY

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

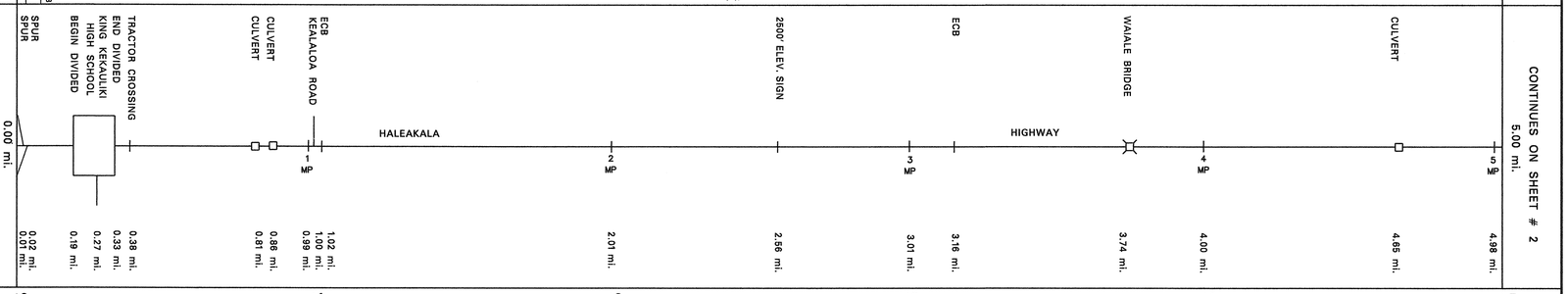
Total Route Length: 9.17 miles
a. Survey Length: 9.17 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*





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



	SCALE: (In Miles) 4" = 1 mile	0 | 1 | 2 | 3 | 4 | 5
Divided Highway – Undivided	Shoulder: Width and Type	4' AC
Divided Highway – Undivided	Pavement: Width and Type	22' AC | 11' AC | 22' AC (1.09) | 18' AC
Divided Highway – Undivided	Shoulder: Width and Type	4' AC | 0 | 4' AC
Divided Highway	Median: Width and Type	0.19 | 0-12' PAINTED AC | 0.33
Divided Highway	Shoulder: Width and Type	0
Divided Highway	Pavement: Width and Type	11' AC
Divided Highway	Shoulder: Width and Type	4' AC
	Number of Traffic Lanes	2 – 11' (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 | 0.29 | 0.36 | 0.42 | 0.77 | 0.87 | 0.88 | 0.97 | 1.41 | 1.48 | 2.38 | 2.43 | 2.53 | 2.55 | 2.71 | 2.80 | 3.05 | 3.10 | 3.21 | 3.30 | 3.37 | 3.44 | 3.47 | 3.48 | 3.51 | 3.52 | 3.59 | 3.61 | 3.70 | 3.78 | 3.92 | 4.07 | 4.16 | 4.21 | 4.22 | 4.27 | 4.29 | 4.36 | 4.40 | 4.46 | 4.49 | 4.61 | 4.66 | 4.71 | 4.76 | 4.99
	Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL, EXCEPT WHEN NOTED	0.19 | 0.25 | 0.41 | 0.79 | 0.86 | 1.7 | 1.48 | 2.37 | 2.51 | 2.63
	Illumination: Type, Location and Number	
	Curves: Degree of Curvature (Right and Left)	
	Superelevation (Range)	1.39 | –7 | 1.51 | 2.05 | –7 | 2.19 | 4.36 | –7 | 4.51
	Grades: % Grade, Positive or Negative	
	Vertical Curve: Crest or Sag, Curve Limits	
	Area and Development:	URBAN (1.00) | RURAL
	Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING
	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	
		1.65 | 377A-01-83M 1983 RESURFACE | 4.03 | 377A-01-85M 1985 RESURFACE
		377A-02-81M 1981 RESURFACE (1.07) | JOB #5569 1952 RESURFACE
		FAP 5B 1933 (0.60) | FAP-5B 1929, 1933
	HPMS	1.04 | 0.59 | 1.63
	SCALE: (In Miles) 4" = 1 mile	0 | 1 | 2 | 3 | 4 | 5

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

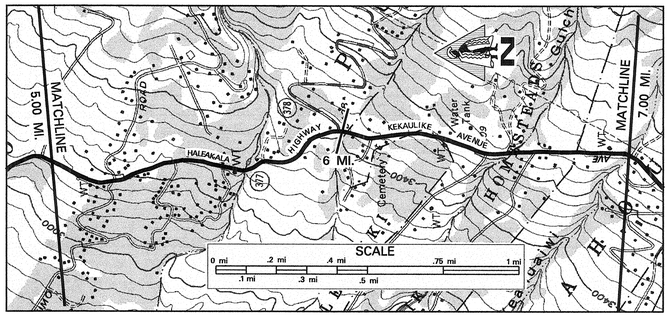
Total Route Length: 9.17 miles

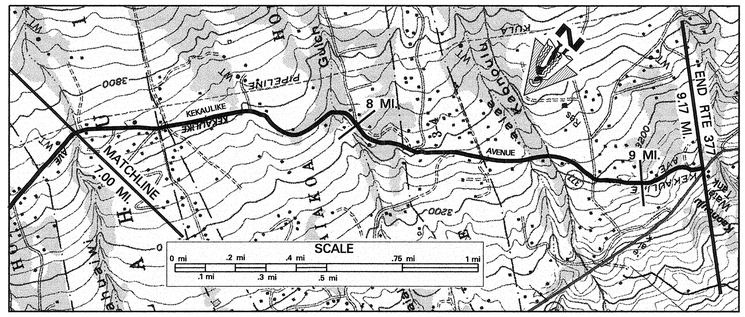
a. Survey Length: 9.17 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description
377 01 (6.03 MI) | 377A (9.13 MI) | 377 02 (3.14 MI)
End 377A on Kekaulike Hwy, 50' East of centerline intersection with Kula Hwy. 9.16

ADT Sections; ADT; Traffic Count and Truck Weight Stations
STANDARD WORD SIZE

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'

Structure Carrying Road — Vertical Clearance

Structure Carrying Road — Horizontal Clearance
22' | 22' | 24' | 22' | 22'

Structure Beneath and On Ramp — Vertical Clearance

Structure Beneath and On Ramp — Horizontal Clearance

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

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

Right of Way Fence: Type – Right and Left ALL WIRE ON WOOD FENCE 10'-20' FROM PVMT UNLESS NOTED
20'-40' FROM PVMT | 10'-30' FROM PVMT

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

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

Project No., Type of Construction, and Year Constructed
STP-0377(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

CONTINUED FROM SHEET # 1

5.00 mi.

HALEAKALA HIGHWAY — KEKAULIKE — HIGHWAY

CULVERT 5.19 mi.
CULVERT UPPER KIMO DR. LOWER KIMO DR. 5.23 mi.
5.27 mi.
AINAKULA ROAD 5.42 mi.
KULALANI DRIVE 5.58 mi.
POHAKUOKALA BR. 5.66 mi.
KUALONO PLACE 5.72 mi.
CULVERT 5.89 mi.
HALEAKALA CRATER RD. (RTE 378) 6.01 mi.
CULVERT SPUR 6.03 mi.
CULVERT 6.05 mi.
PUANANI PLACE 6.13 mi.
6 MP
PULEHUIKI ROAD 6.53 mi.
HAPAPA ROAD 6.58 mi.
HAPAPA BRIDGE 6.60 mi.
KAMEHAMEIKI ROAD 6.65 mi.
PULEHU BRIDGE 6.98 mi.
POWER STA. RD. 6.99 mi.
PAVED ROAD 7.01 mi.
7 MP
IOIO PLACE & ECB 7.12 mi.
KOLOHALA DRIVE 7.24 mi.
IHE PLACE 7.25 mi.
PAVED ROAD 7.28 mi.
COPP ROAD
CULVERT 7.47 mi.
WAHELANI ROAD 7.50 mi.
CULVERT 7.88 mi.
CULVERT 7.92 mi.
WAIAKOA ROAD 8.01 mi.
8 MP
ALAE ROAD 8.17 mi.
ROAD 8.41 mi.
ROAD 8.42 mi.
NAALAE GULCH BR. 8.57 mi.
KAONOLU BRIDGE 8.63 mi.
WAIPOLI ROAD 8.80 mi.
9 MP 8.96 mi.
9.17 MP 9.16 mi.

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

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway — Undivided — Shoulder: Width and Type
4' AC | 4' AC / 4' – 8' GRASS | 4'AC / 10'-18' GRS | 4' AC / 4' – 8' GRASS

Pavement: Width and Type
18' AC | 20' AC | 24' AC

Shoulder: Width and Type
4' AC | 4' AC / 4' – 8' GRASS | 4'AC / 10'-18' GRS | 4' AC / 4' – 8' GRASS

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

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes
2 – 9' | 2 – 10' | 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) 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 | –7 | –6 | +6 | +5 | +9

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
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
377A-01-85M 1985 RESURFACE | FAP-E-13A 1932 RS-0377(2) 1987 IMPROVEMENTS | FAP-E-13A 1932
JOB #5569 1952 RESURFACE → | BF-037-1(1) 1962
FAP – 5B 1929, 1933 | FAP – 13A 1932, 1934

HPMS
0.30 | 1.83

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

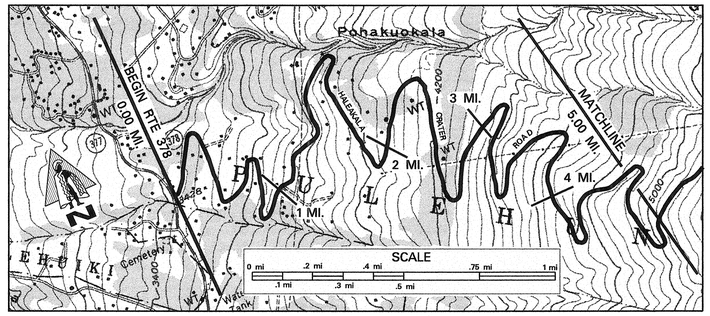
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

0 | 1 | 2 | 3 | 4 | 5

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**
- **Vertical Clearance**
- **Horizontal Clearance**

Structure Over Roadway
- **Vertical Clearance**
- **Horizontal Clearance**

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

Available Right of Way Width (Needs Study): TREES AND BUSHES W/ SLIGHT CUT SLOPES 2.85 | OPEN PASTURE 1000' ACROSS

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

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

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

Project No., Type of Construction, and Year Constructed
0.02 378A–01–00MR 2003 MAINTENANCE & REPAIRS
378A–01–92M 1993 RESURFACE

Road Diagram

* MP = Milepost Signage

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

0.00 mi. — 0.03 mi. SPUR AND M.P. 0 MP — 0.10 mi. PALENA PLACE — 0.31 mi. 3500' ELEV. Sign — 0.33 mi. PONI MOI PLACE — 0.97 mi. CULVERT — 1.21 mi. CULVERT — 1.24 mi. 4000' ELEV. Sign — 1.78 mi. CATTLE GUARD — 2.06 mi. CULVERT — 2.12 mi. CULVERT — 2.44 mi. CULVERT — 2.54 mi. CULVERT — 2.82 mi. CULVERT — 2.88 mi. CULVERT — 2.95 mi. CULVERT — 2.98 mi. 4500' ELEV. Sign — 3.49 mi. CULVERT — 4.05 mi. CULVERT — 4.25 mi. CULVERT — 4.44 mi. 5.00 mi. 5 MP — 4.96 mi. CONTINUES ON SHEET #2

HALEAKALA CRATER ROAD

1 MP | 2 MP | 3 MP | 4 MP

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway – Undivided
- **Shoulder: Width and Type**: 4' – 8' GRASS (2.30) | 4' – 6' GRASS (3.72) | 2' AC
- **Pavement: Width and Type**: 20' AC
- **Shoulder: Width and Type**: 4' – 8' GRASS | 4' – 6' GRASS | 2' AC

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

Number of Traffic Lanes: 2 – 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)

Protective Devices: Type, Location and Number ALL GUARDRAILS METAL ON METAL
0.60–0.67, 0.70–0.73, 0.86–1.00, 1.10–1.20, 1.30–1.37, 2.09–2.14, 2.24–2.30, 3.33–3.45, 3.84–3.86, 4.00–4.19, 4.26–4.30, 4.48–4.57, 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 2.55 | 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 STP–0377(4) 1994 RESURFACE

Previous Projects: Project No., Date and Limits
378A–01–82M 1982 (RESURFACE)
3.72–3.75 RS–0378(1) 1981 RESURFACE
0.03–2.77 370A–02–67 1967
378A–03–68 1968 RESURFACE
FAP 5B (Group B) 1933

HPMS

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

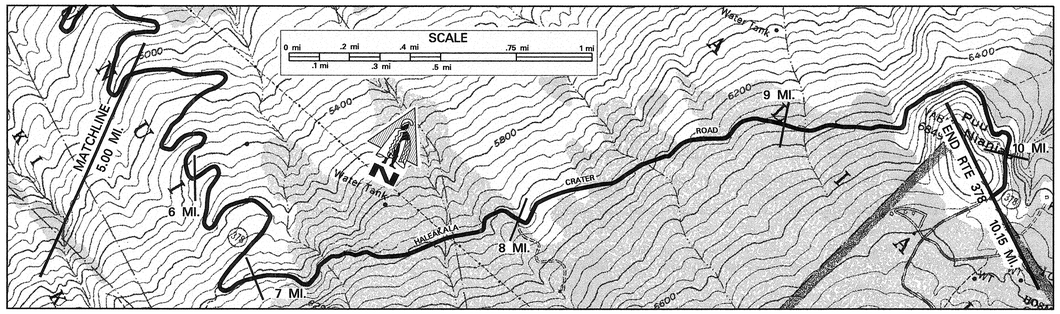
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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	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.

CULVERT 5.07 mi.
CULVERT 5.22 mi.
CULVERT 5.28 mi.
HALEAKALA
CULVERT 5.95 mi.
CULVERT 6.23 mi.
CULVERT 6.67 mi.
CULVERT 6.91 mi.
CRATER
CULVERT 6.95 mi.
LOOKOUT 7.30 mi.
CULVERT 7.31 mi.
CULVERT 7.48 mi.
POHAKUOKALA BRIDGE 7.70 mi.
CULVERT 7.91 mi.
CATTLE GUARD 8.00 mi.
CATTLE GUARD 8.28 mi.
WAIALE BRIDGE 8.50 mi.
ROAD
CULVERT 8.93 mi.
CULVERT 9.24 mi.
CATTLE GUARD 9.34 mi.
6600' ELEVATION SIGN 9.45 mi.
CULVERT 9.87 mi.
CATTLE GUARD 10.15 mi.
10.12 mi.

6 MP — 7 MP — 8 MP — 9 MP — 10.19 MP

10.15 mi.

END RTE 378 ON HALEAKALA CRATER RD AT THE NAT'L PARK BDRY @ 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 2–11' AC 7.78 — 20' AC — 8.50 2–11' 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)	
Protective Devices: Type, Location and Number — ALL GUARDRAILS ARE METAL ON METAL	5.23 5.27 5.28 5.33 5.39 5.49 5.66 5.76 5.82 6.15 6.24 6.57 6.68 6.83 6.99 7.11 7.16 7.31 7.34 7.47 7.51 7.66 7.75 7.79 7.84 7.87 7.90 8.03 8.07 8.47 8.53 8.55 8.59 8.76 8.79 8.89 9.07 9.09 9.21 9.28 9.43 9.62 9.83 9.74 9.86 10.02
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 6.39 — 6.62 +9 6.84 — 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	RS–0378(1) 1981 RESURFACE — 7.70 — 377A–01–70 1971 Bridge Widening — 8.40 — RS–0378(1) 1981 RESURFACE
	378A–03–68 1968 RESURFACE — 6.95 — 378A–04–69 1969
	FAP 5B (Group B) 1933
HPMS	7.30 — 0.39 — 7.69

10.15 mi.

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY

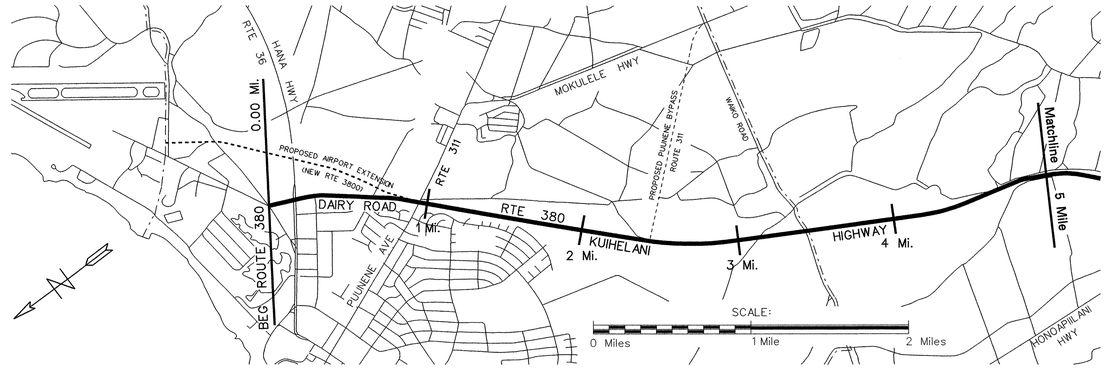
MAUI RTE 380
DAIRY ROAD, KUIHELANI HIGHWAY

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

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations

380 01 (0.16 mi.) | 380 02 (0.80 mi.) | 380 03 (5.22mi.)

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

24', Slab, HS–20, 1970 | 61', Tee Beam, HS–20, 1970 | 77', Culvert, HS–20, 1970
25', Precast Conc Plank, HL–93, 2003 | 60', Precast Prestressed Conc Beam, HL–93, 2003 | 78', 3 Span Culvert, HL–93, 2003

Vertical Clearance: 3.12

Horizontal Clearance: 44' / 36'

Structure Over Road — Vertical Clearance: 3.11 | 4.12 | 4.37

Horizontal Clearance: 44' / 36'

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

Available Right of Way Width (Needs Study): COMMERCIAL 0.95 | RANCHLAND / SUGAR CANE 2.89 | FARMS–BUSHES–TREES 3.45 | CLEAR 1000' – SUGAR CANE 30' FROM PAVEMENT

Right of Way Fence: Type – Right and Left: WOOD/CONC. 3.15 | METAL ON WOOD 4.60

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

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

Project No., Type of Construction, and Year Constructed: 0.78 | NH–0380(9), (Widening) 2003

Project No., Type of Construction, and Year Constructed: 380A–01–89M (R) 1990 | 0.97 | 380A–01– 99M (R), 2000

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

0.00 mi. Begin Route 380 on Dairy Road at the S. E.P. of Intersection with Halealeale Hwy and Keolani Place (Rte 36A).

Hana Hwy (Rte 36) | Kele St. | End Div. Hwy | Alamaha St. | Mali Entrance | Mali Marketplace Dr. | Driveway (R) Mali Entrance | Hukilike St. | Begin Div. Hwy & Road (L) | Puunene Ave. | Cane Haul Rd. | Paved Road | Private Access | Paved Road | Waihee Ditch Br. 3.12 mi. | Waiko Road | Tractor Crossing & Cane Haul Rd | Truck Weigh Station | Waikapu Stream Br. | Kuihelani 3 Span Culvert and Tractor Crossing | Cane Haul Rd.

DAIRY ROAD — KUIHELANI HIGHWAY

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

1.25 mi. | 2.23 mi. | Maui Lani Golf Course Ent. 2.37 mi. | Waihee Ditch Br. 3.11 mi. (offset)

0.03 mi. | 0.09 mi. | 0.16 mi. | 0.31 mi. | 0.38 mi. | 0.48 mi. | 0.57 mi. | 0.59 mi. | 0.66 mi. | 0.73 mi. | 0.94 mi. | 0.96 mi. | 1.44 mi. | 1.68 mi. | 1.80 mi. | 2.75 mi. | 3.03 mi. | 3.45 mi. | 3.61 mi. | 3.67 mi. | 3.78 mi. | 4.12 mi. | 4.34 mi. | 4.37 mi. | 4.74 mi. | 4.87 mi.

ROUTE CONTINUED ON SHEET #2.
5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type: 0 | 0.16 | 4'–6' AC | 0.95 | 10' AC | 3.84 | 10'–25' AC | 3.92 | 10' AC

Pavement: Width and Type: (20' AC) | 40' AC | 0.65 | 44' AC | 22' AC | 1.04 | 24' AC | 24' AC | 24' AC

Shoulder: Width and Type: 0 | 0 | 0.16 | 4'–6' AC | 0 | 10' AC | 0 | 4' AC | 10' AC

Median: Width and Type: (10' Painted AC) | 0.03 | 0.73 | 10' Painted AC | 0.95 | 1.04 | 8'–10' Painted AC | 1.17 | 8'–12' Painted AC | 1.65 | 18' Grass | 2.28 | 14' Painted AC | 2.37 | 10' Grass | 2.58 | 18' Grass

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

Pavement: Width and Type: (12' AC) | 22' AC | 0.95 | 12' AC | 24' AC | 24' AC

Shoulder: Width and Type: 0 | 4'–6' AC | 8' AC | 10' AC | 10' AC

Number of Traffic Lanes: (2–10' / 1–12') | 0.03 | 4–10' | 0.65 | 4–11' | 0.95 | (1–12', 1–10' / 1–12') | 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 10' Turning Lanes): 0.12 | 0.24 | 0.46 | 0.69 | 0.75 | 0.81 | 0.95 | 1.04 | 10' (L) TL

(Right Side) (All 10' Turning Lanes): 0.06 | 0.09 | 0.34 | 0.40 | 0.46 | 0.57 | 0.61 | 0.66 | (2–10' L TLs) | 0.95 | 0.96 | 2.27 | 1–12' TL | 2.37 | 2.27 | 1–12' TL | 3.40 | 2.22 | 1–12' TL | 3.20 | 1–12' TL | 3.45

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

Sidewalk: Width and Type (Right and Left): 0.13 | 8' Conc. S.W. | 0.95 | 0.22 | 0.31 | 8' Conc. S.W. | 0.61 | 0.66

4' Conc. S.W. | 0.95 | Conc. Curb | AC | Conc. Curb

Curb and/or Gutter: Type (Right and Left): Conc. Curb | 0.15 | 0.22 | AC Curb | 0.38 | 0.43 | Conc. Curb | 0.66 | 2' Conc. Gutter | 2.28 | 2' Conc. Gutter | 2.66

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number: 0.96 | M.V. | 1.04 | 2.32 | 60 HPS | 2.43 | 2.96 | 3.26 | 3.32 | 3.59 | 3.65 | 3.26 | 3.33 | 60 HPS | 3.55 | 2.40 | 3.60 | 4.11 | 4.15 | 4.34 | 4.41 | 4.62 | 4.68

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 0.96 | –1 | 3.26 | +1 | 3.76 | 3.84 | +2 | 4.09 | 4.56 | –1 | 4.80

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urban | 3.45 | Rural

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

Speed: 1–Design, 2–Posted: 30 MPH (2) | 1.11 | 35 MPH (2) / 30 MPH (2) | 1.24 | (45 MPH (2)) | 55 MPH (2) | 2.31 | 2.20 | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 0.07 | 1.10 | 0.18 | 0.37 | 0.48 | 2.37 | 3 Phase | 3.45 | 2 Phase | 3.61

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 | 0.96 | Principal Arterial

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits: 380A–01–89M (R), 1990

(FAP SC 1931) | 0.03 | 0.98 | 3800A–01–81M 1981 (Resurf.) | 0.75 | S–0380(6) 1971

DANG 8(1), 1945 County | S–038 (6), 1969

HPMS: 10' | .07 | .09 | 10' | 0.11 | 0.12 | .08 | 0.96 | 0.20 | 1.17 | (.01) | 1.18 | 1.20 mi. | 2.37 | 2.26 mi. | 4.63

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

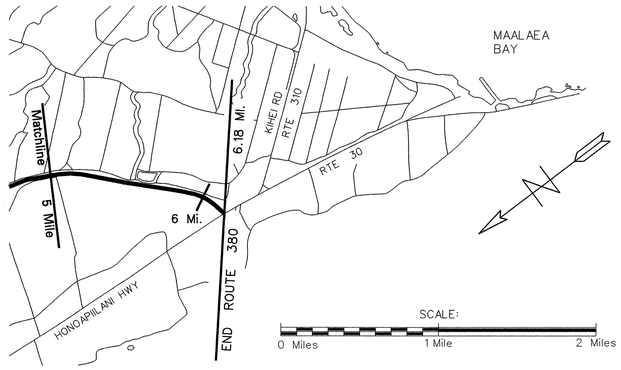
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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 | 7 | 8 | 9 | 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. (5.57)

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
5.95 | 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

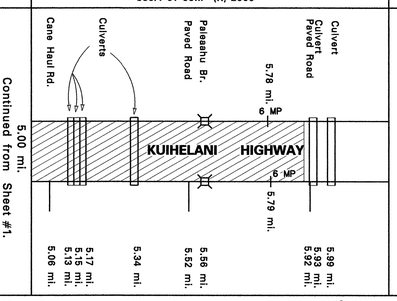
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
STATE

Project No., Type of Construction, and Year Constructed
NH-0380(9) (Widening) 2003 (6.12) ← [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 | 7 | 8 | 9 | 10

Divided Highway – Undivided

Shoulder: Width and Type
10' AC

Pavement: Width and Type
24' AC
12' AC (5.94) | 28' AC

Shoulder: Width and Type
10' AC
0

Divided Highway

Median: Width and Type
18' Grass (5.50)
10'–18' AC (6.02)
10' Painted AC

Shoulder: Width and Type
4' AC
0 (6.02)

Pavement: Width and Type
24' AC
12' AC | 36' | (28' AC) | (44' AC)

Shoulder: Width and Type
10' AC
10' AC (6.93) | (6.93)

Number of Traffic Lanes
4 – 12'
(1–12') | 12 | 14 | (2–14')
1–12' | 3–12' | (3–14' ; 1–12')
(2–12' (R)) | (2–14' (R))

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
Double (L) TLs | 24 | (2–14' (L))
Single (R) TL | 12 | (1–16' (R))
(1–12' (R)) | 14 | (1–14' (R))

(Right Side)
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
5.93 | 5.99

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative
5.93 | +2 | 5.94

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Rural

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

Speed: 1–Design, 2–Posted
45 MPH (1)
5.93 | Not Posted | 35 MPH (1) | 5.99

Intersection Control Devices: Type, Location and Cycle Timing
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

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

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

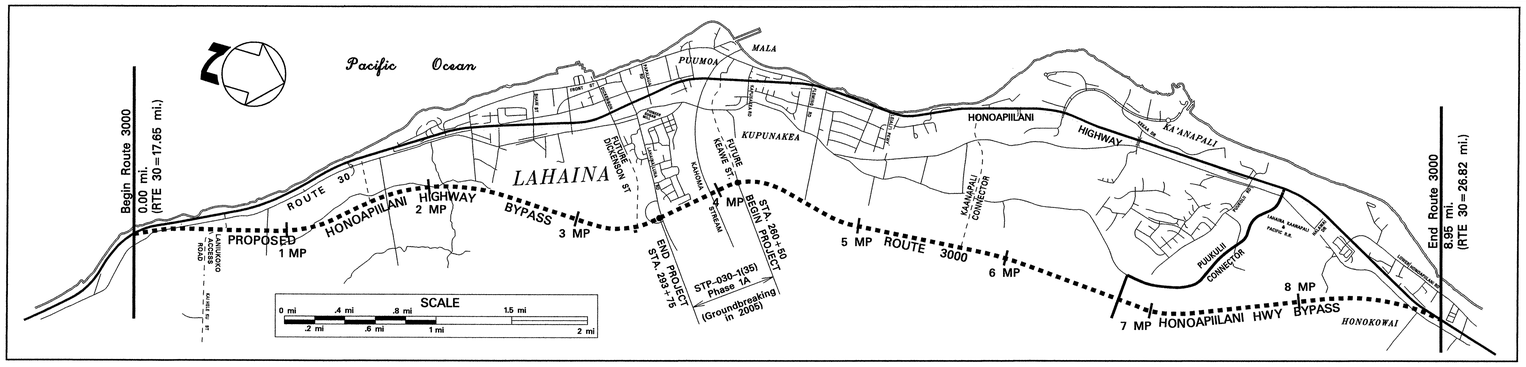
Total Route Length: 8.95 miles

a. Survey Length: 0.00 miles

b. Proposed Length: 8.95 miles

c. Other Length: * 0.00 miles

*



Road Diagram

* MP = Milepost Signage

		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'
		Vertical Clearance	
		Horizontal Clearance	
Structure Over Road		Vertical Clearance	
		Horizontal Clearance	
		Right of Way Width (min.–max.) if varies	
		Available Right of Way Width (Needs Study)	
		Right of Way Fence: Type – Right and Left	
		Control of Access: 1–None, 2–Partial, 3–Full	
		Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
		Project No., Type of Construction, and Year Constructed	(STP–030–1(22), Demolition of Ikena Ave)
		Project No., Type of Construction, and Year Constructed	3.46 3.49

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.
KAUAKULA STREAM BR. 2.08 MI.
DICKENSON CONNECTOR 3.31 MI.
LAHAINALUNA RD OP 3.46 MI.
KAHOMA STREAM BR 3.74 MI.
KAPUNAKEA CONN. 4.07 MI.
WAIHKULI CONNECTOR (CIVIC CENTER) 4.96 MI.
KAANAPALI CONNECTOR 5.52 MI.
HAHAKEA GULCH BR 5.73 MI.
WAIHKULI 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 S.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	
		Pavement: Width and Type	
		Shoulder: Width and Type	
		Median: Width and Type	
		Median Barriers:	
		Shoulder: Width and Type	
		Pavement: Width and Type	
		Shoulder: Width and Type	
		Number of Traffic Lanes	
		Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
		(Right Side)	
		Frontage Road: No. of Lanes, and Width (Right and Left)	
		Sidewalk: Width and Type (Right and Left)	
		Curb and/or Gutter: Type (Right and Left)	
		Protective Devices: Type, Location and Number	
		Illumination: Type, Location and Number	
		Curves: 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	
		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

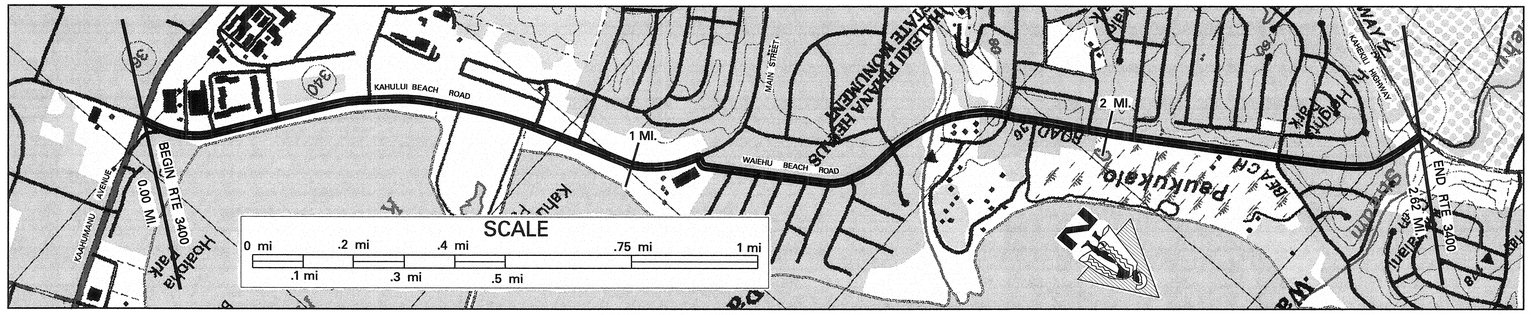
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

*



SCALE: (In Miles) 4" = 1 mile

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

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

Maintenance Control Sections : Length and Description
0.00 Begin 3400A on Kahului Beach Road 220' N. of centerline intersection w/Kaahumanu Ave.
3400A (1.11 MI) / SPUR 3400A (0.02 MI)
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 Beneath Road — Vertical Clearance

Structure Beneath Road — 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 1.86 BRUSH 2.32 SAND

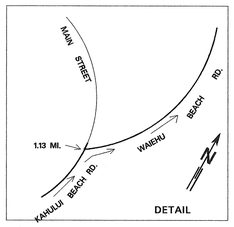
Right of Way Fence: Type – Right and Left
1.17 1.48

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
3400AB–02–90 1992 IMPROVEMENTS 0.14
3400A–02–91 IMPROVEMENTS 1995 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
3400B–01–97M 1998 RESURFACE (ALSO ROUTE 340)

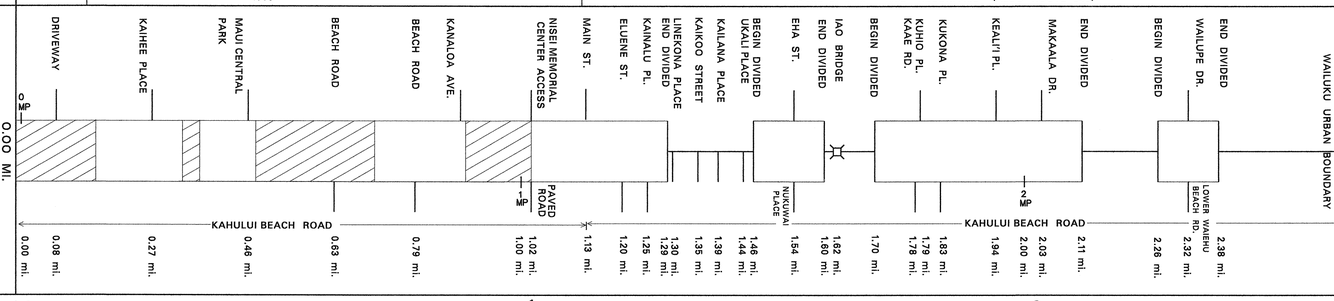


Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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



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

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 6' AC 2.24 6' AC 2.33 10' AC 2.44 6' AC

Pavement: Width and Type
12' AC 1.19 22' AC 12' AC 24' 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' – 6' AC 1.67 0' 6' AC 0' 6' AC 0' 10' AC 2.44 6' AC

Median: Width and Type
6'–24' GRASS W/CURB 0.18 0'–12' PAINT 0.33 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

Shoulder: Width and Type
0' 0.27 2' AC 0.80 0' 2' AC 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 2.33 2.38 2 – 12'

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ALL T.L.S. 12' UNLESS NOTED
0.07 0.20 0.32 0.72 0.79 0.82 0.88 1.02 1.10 1.27 1.35 1.50 1.59 1.74 1.79 11' 11' 11' 1.98 2.09 2.28 10' 2.32 2.36

(Right Side) ALL T.L.S. 12' UNLESS NOTED
0.20 0.27 0.37 0.46 1.09 1.13 1.18 1.49 1.54

Frontage Road: No. of Lanes, and Width (Right and Left)
0.04 0.05 0.09

Sidewalk: Width and Type (Right and Left)
4' AC 0.07 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. 2.43 B. C. 2.44

Protective Devices: Type, Location and Number
1.19 1.30 1.35 1.69 WOOD RAILS ON CONCRETE POSTS 2.52 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 1.60

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative
2.00 –1 2.19

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
3 PHASE 3 PHASE

Sight Distance: Minimum Passing PSD–
0.45 0.88 1.13 1.54

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 1.86
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
0.04 0.16 0.20 0.88 0.10 0.88 1.13 0.49 1.62 1.69 0.28 1.97 0.35 2.32 0.22 2.54

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY

MAUI RTE 3500
PUUNENE AVENUE

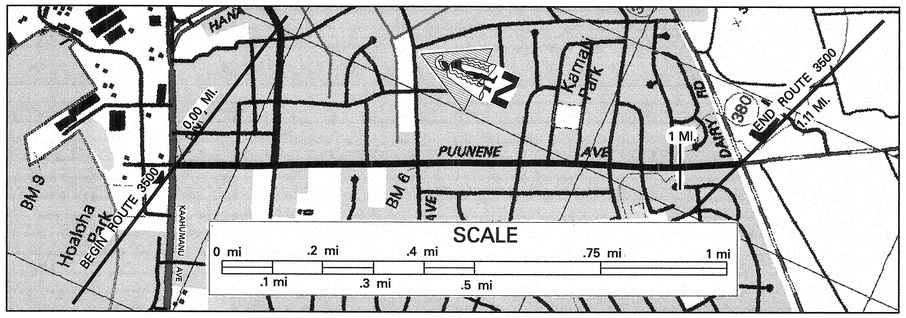
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 85' 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
0.00 | 3500 01 (1.11 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)
RESIDENTIAL / COMMERCIAL (1.00)

Right of Way Fence: Type – Right and Left
0.24 CHAINLINK 0.43 | 0.85 TILE 0.92 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

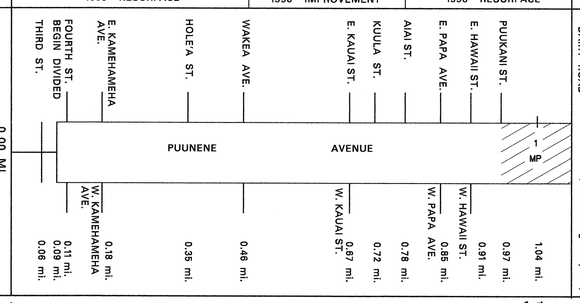
Project No., Type of Construction, and Year Constructed
STP–3500(5) 1996 RESURFACE (0.47) | HES–STP–3500(3) 1996 IMPROVEMENT (0.78) | STP–3500(5) 1996 RESURFACE (1.09)

Project No., Type of Construction, and Year Constructed

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

0 | 1 (1.05) | 2 | 3

Divided Highway – Undivided
- Shoulder: Width and Type — 2' AC (0.46) | 4' AC | 4' – 6' AC
- Pavement: Width and Type — 44' AC | 22' AC | 44' AC | 11' AC | 12' AC | 12'–24' AC | 24' AC
- Shoulder: Width and Type — 2'–4' AC | 0' | 2' AC | 0' | 6' AC

Divided Highway – Divided
- Median: Width and Type — (0.09) 0' – 10' PAINTED (0.28) (0.38) 11' PAINTED AC (0.59) 10' PAINTED AC (0.73) 12' PAINTED AC (0.88) ← 0'–30' TREES AND GUARDRAILS (L & R)
- Shoulder: Width and Type — 0' | 0' | 6' AC
- Pavement: Width and Type — 22' AC | (0.46) 22' AC | 11' AC | 12' AC
- Shoulder: Width and Type — 2' AC | 2' AC | 4' AC | 4' – 6' AC (0.88) (1.08)

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' (0.24) | (0.41) 11' (0.53) | (0.62) 10' (0.73) | (0.74) 10' (0.78) | (0.80) 12' (0.88) | 12' (1.05)

(Right Side)
(0.13) 10' | 11' (0.46) 11' (0.44) | 10' | 10' (0.94) | 12' (0.97) 12' (1.04) 11'

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

Sidewalk: Width and Type (Right and Left)
6'–8' CONC. S/W | 6' CONC. S/W | 4' BITUMINOUS S/W (0.97)
6'–10' CONC. S/W | 4' AC S/W | 4' BITUMINOUS S/W

Curb and/or Gutter: Type (Right and Left)
CONC. CURB | CONC. CURB (0.45)
CONC. CURB | B.P. CURB

Protective Devices: Type, Location and Number
(0.17) (0.26) (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)

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
(0.08) 0.12 (0.20)

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY

MAUI RTE 3800
PROPOSED AIRPORT EXTENSION

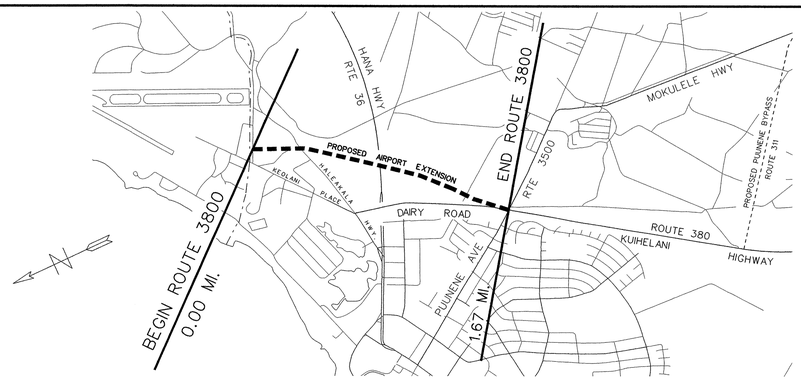
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Date Released
July 2002, DB
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

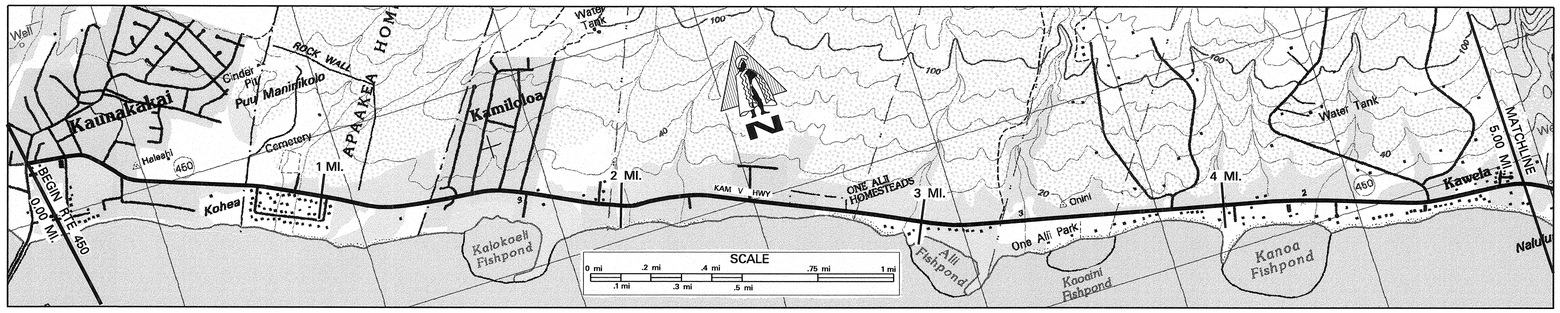
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



Road Diagram

* MP = Milepost Signage

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

0.00 mi.

MOHALA ST. 0.02 mi. | KAMOI ST. 0.12 mi. | ALOA ST. 0.18 mi. | KAUNAKAKAI SCH. 0.28 mi. | OKI PLACE 0.28 mi. | ROAD TO "DUKE MALIU" PARK 0.32 mi. | EDUCATION CTR. 0.46 mi. | ALANUI KAIMI IKE 0.69 mi. | KAPAAKEA LOOP 0.77 mi. | CULVERT 0.85 mi. | KAPAAKEA CEMETERY 0.88 mi. | CULVERT 0.89 mi. | KAPAAKEA LOOP 0.90 mi. | CULVERT 0.99 mi. | KAPAAKEA LOOP 1.00 mi. | CULVERT 1.19 mi. | HOTEL ENT. 1.34 mi. | HOTEL ENT. 1.40 mi. | KAMILOLOA PLACE 1.42 mi. | AAHI PLACE 1.47 mi. | CULVERT 1.53 mi. | ILIAHI PLACE 1.56 mi. | CULVERT 1.62 mi. | KAHINANI PLACE 1.63 mi. | CULVERT 1.70 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 3.00 mi. | 3.33 mi. | KAWELA PLANTATION #3 3.76 mi. | MAKAKUPAIA BRIDGE 3.94 mi. | 4.01 mi. | PAVED ROAD 4.30 mi. | PAVED ROAD 4.59 mi. | CULVERT 4.66 mi. | KAMAKANA PLACE 4.84 mi. | 5.00 mi.

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

5.00 mi.

CONTINUES ON SHEET #2

SCALE: (In Miles) 4" = 1 mile		0 | 1 | 2 | 3 | 4 | 5	
Maintenance Control Sections : Length and Description		0.02 Begin 450A on Kam V Hwy, 84' East of the East edge of pavement of Kaunakakai Wharf Road. 450A (10.13 MI)	
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 (1.99) SLAB 1940 H20	
	Vertical Clearance	25' (1.99) 23'	
	Horizontal Clearance	26' (1.99) 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 3.46 TREES AND BUSHES (FEW HOMES)	
Right of Way Fence: Type – Right and Left		3.16 WIRE ON WOOD 15' FROM PAVEMENT / WIRE ON WOOD 15' FROM PAVEMENT	
Control of Access: 1–None, 2–Partial, 3–Full		NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STATE	
Project No., Type of Construction, and Year Constructed		0.01 450AB–01–01M 2001 RESURFACE 1.80	
Project No., Type of Construction, and Year Constructed		1.28 STP–0450(7) 1998 1.78 STP–0450(6) 1996 RESURFACE	

SCALE: (In Miles) 4" = 1 mile		0 | 1 | 2 | 3 | 4 | 5	
Divided Highway – Undivided	Shoulder: Width and Type	6' AC 3.89 4' AC	
	Pavement: Width and Type	24' AC 1.99 22' AC	
	Shoulder: Width and Type	6' AC 3.89 4' AC	
Divided Highway	Median: Width and Type		
	Shoulder: Width and Type		
	Pavement: Width and Type		
	Shoulder: Width and Type		
Number of Traffic Lanes		2 – 12' 1.99 2 – 11'	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		NONE	
(Right Side)		NONE	
Frontage Road: No. of Lanes, and Width (Right and Left)			
Sidewalk: Width and Type (Right and Left)		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 2.80 1 MV 3.35	
Curves: Degree of Curvature (Right and Left)			
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 2.98	
Vertical Curve: Crest or Sag, Curve Limits			
Area and Development:			
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		RURAL FLAT (1)	
Speed: 1–Design, 2–Posted		NOT POSTED 0.68	
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 3.89	
		0.01 RS–0450(4) 1988 RESURFACE 1.89 RS–0450(1) 1979 RESURFACE	
		COUNTY 450A–01–72 1972 RESURFACE 1.00 1.90 FAS 2A 1940 FAS 2A(1) 1938	
HPMS			
SCALE: (In Miles) 4" = 1 mile		0 | 1 | 2 | 3 | 4 | 5	

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

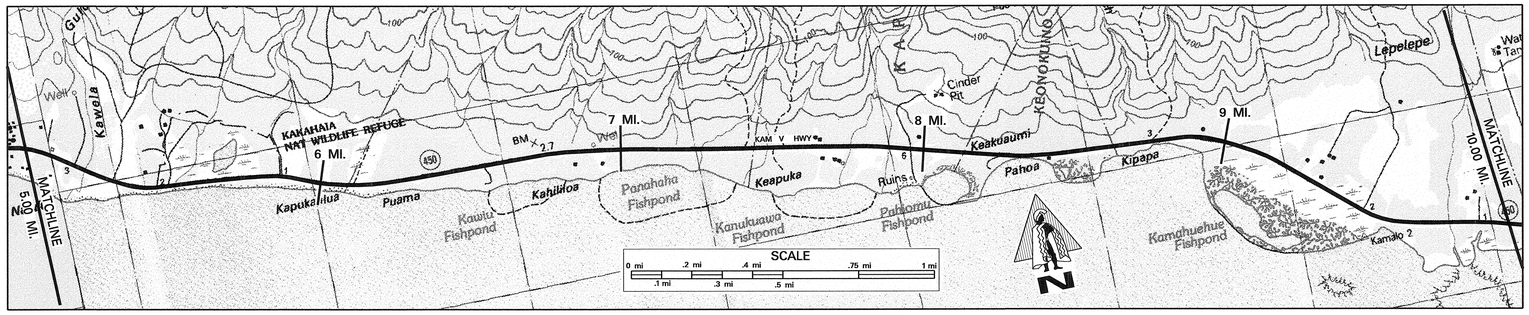
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

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' — PRESTRESSED CONCRETE SLAB 1981 HS-20-44 — 43'

Structure Carrying Road — Vertical Clearance

Structure Carrying Road — Horizontal Clearance

26' — 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)

5.28 — 9.15

Right of Way Fence: Type – Right and Left

WIRE ON WOOD 15' FROM PAVEMENT — N O N E — WIRE ON WOOD

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

WIRE ON WOOD 15' FROM PAVEMENT — 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

7.07 — 450AB-01-01M 2001 RESURFACE

Project No., Type of Construction, and Year Constructed

STP-0450(6) 1996 RESURFACE — 7.18 — STP-0450(7) 1998 — 7.84 — STANDARD WORD SIZE

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #1

5.00 mi.

KAWELA BRIDGE · KAWELA PLANTATION #1 · CULVERT · CULVERT · ECB (R) · CULVERT · CULVERT · CULVERT · CULVERT · FORD · PROJ. MARKER · KAMALO BRIDGE · CULVERT · CULVERT

KAMEHAMEHA V HIGHWAY

5 MP — 6 MP — 7 MP — 8 MP — 9 MP

5.00 mi. · 5.11 mi. · 5.22 mi. · 5.42 mi. · 5.52 mi. · 5.75 mi. · 6.01 mi. · 6.19 mi. · 6.46 mi. · 7.01 mi. · 7.15 mi. · 7.28 mi. · 7.76 mi. · 8.03 mi. · 8.16 mi. · 9.03 mi. · 9.65 mi. · 9.84 mi. · 9.91 mi.

CONTINUED ON SHEET #3 — 10.00 mi.

5 | 6 | 7 | 8 | 9 | 10

Divided Highway — Undivided — Shoulder: Width and Type GRASS UNLESS NOTED

4' AC — 7.86 — 25'-30' — 7.86 — 8' — 8.27 — 30' — 8.42 — 6' — 8.48 — 30' — 8.74 — 20' DIRT — 9.14 — 10' GRV — 9.38 — 10'

Divided Highway — Undivided — Pavement: Width and Type

22' AC — 7.14 — 20' AC — 9.84

Divided Highway — Undivided — Shoulder: Width and Type GRASS UNLESS NOTED

4' AC — 20' — 10' — 15' DIRT — 8.13 — 8' — 8.28 — 10' — 8.44 — 15' — 8.77 — 18' DIRT — 8' — 9.53 — 6' DIRT — 9.81 — 4' — 10'

8.03

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' — 7.14 — 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)

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

5.08 — 5.13 — 6.17 — 6.21 — 6.44 — 6.47 — 7.11 — 7.15 — 7.28 — 7.29 — 9.63 — 9.65

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

5.49 — 0 — 5.63 — 6.89 — –1 — 7.12

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 — 6.14 — ROLLING / F L A T — 8.52 — 8.71 — F L A T

Speed: 1–Design, 2–Posted

35 MPH (2) — 6.19 — 45 MPH (MIN. 35 MPH) (2) — 8.73 — 35 MPH (1) / 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

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. 380+50 — 7.29 — 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.) — 6.78

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

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

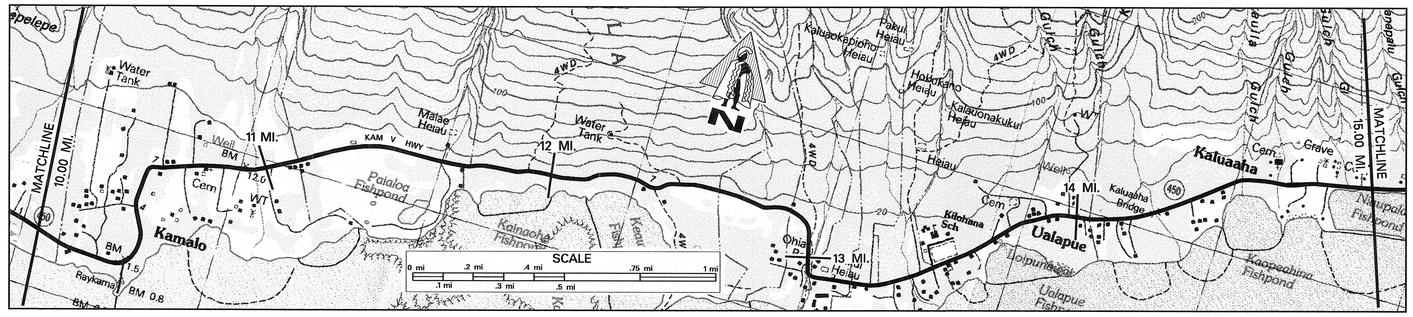
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

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 1979 HS-20 22' — PRE-STRESSED SLAB 1979 HS-20 36'
	Vertical Clearance	
	Horizontal Clearance	18' — 21'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		80'
Available Right of Way Width (Needs Study)		TREES AND LARGE BUSHES W / SOME HOMES AND OPEN PASTURE
Right of Way Fence: Type – Right and Left		WIRE ON WOOD — WIRE ON METAL CHAIN LINK (11.99 – 13.03) — 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 (11.33) — 450B–01–02M RESURFACE 2003
Project No., Type of Construction, and Year Constructed		

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2

10.00 mi.

KAMALO WHARF ROAD (10.02 mi.) — FORD (10.15 mi.) — CULVERT (10.84 mi.) — CULVERT (11.02 mi.) — OHIA BRIDGE (12.03 mi.) — Road to HAW'N TEL. SUBSTATION (12.12 mi.) — FORD (12.52 mi.) — KILOHANA SCHOOL (12.81 mi.) — UALAPUE PLACE (12.93 mi.) — KALUAAHA BRIDGE (13.01 mi.) — KEALA NUI OHINA PL. (13.17 mi.)

KAMEHAMEHA V HIGHWAY

MP 10 — MP 11 — MP 12 — MP 13 — MP 14

13.26 mi. — 13.43 mi. — 14.02 mi. — 14.15 mi.

CONTINUES ON SHEET #4

15.00 mi.

Divided Highway Undivided	Shoulder: Width and Type (ALL GRASS UNLESS NOTED)	6' – 8' (10.70) — 4' (10.75) — 6' (10.90) — 18' DIRT (11.24) — 8' (11.35) — 6' (11.33) — 2' – 4' AC (12.39) — 4' AC / 2' GRASS (14.05) — 2' – 4' AC
	Pavement: Width and Type	18' AC
	Shoulder: Width and Type (ALL GRASS UNLESS NOTED)	4' – 6' (10.55) — 8' (10.73) — 6' (10.98) — 4' (11.24) — 6' — 2' – 4' AC
	Median: Width and Type	
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
Number of Traffic Lanes		2 – 9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		NONE
(Right Side)		NONE
Frontage Road: No. of Lanes, and Width (Right and Left)		NONE
Sidewalk: Width and Type (Right and Left)		NONE
Curb and/or Gutter: Type (Right and Left)		NONE
Protective Devices: Type, Location and Number		METAL ON METAL (12.11 – 12.19) — METAL ON METAL (14.00 – 14.03) (14.01 – 14.07)
Illumination: Type, Location and Number		1 INCA. (10.45)
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		FLAT (1)
Speed: 1–Design, 2–Posted		35 MPH (1) (10.71) — 30 MPH (2) (13.59) — 20 MPH (SCHOOL ZONE) (14.13) — 30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		35 MPH (2) (13.12) — 20 MPH (SCHOOL ZONE) (14.05)
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 (11.35) — HWY–M–01–96M 1997 — 450AB–01–89 1990 RESURFACE — 450B–02–88 1988 SHOULDER IMPROVEMENTS (12.35) — 450B–01–94M 1996 RESURFACE (14.03 – 14.05) (14.07) — 14.35 STP–0450(5) 1994 GUARDRAIL SHDLR. IMPROV. — 450AB–01–76M 1976 RESURFACE (11.33) — 450B–01–76M 1976 RESURFACE (12.35) — 450B–01–80M 1980 RESURFACE (14.03 – 14.07) — COUNTY
HPMS		(10.15) 0.40 MI. (10.55) — 1.61 MI. (12.16) — 0.48 MI. (12.64) — 0.71 MI. (13.35) — 0.39 MI. (13.74) — 0.30 MI. (14.04) — 0.38 MI. (14.45) — 0.47 MI. (14.92) — 0.03 MI.
SCALE: (In Miles) 4" = 1 mile		10 | 11 | 12 | 13 | 14 | 15

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

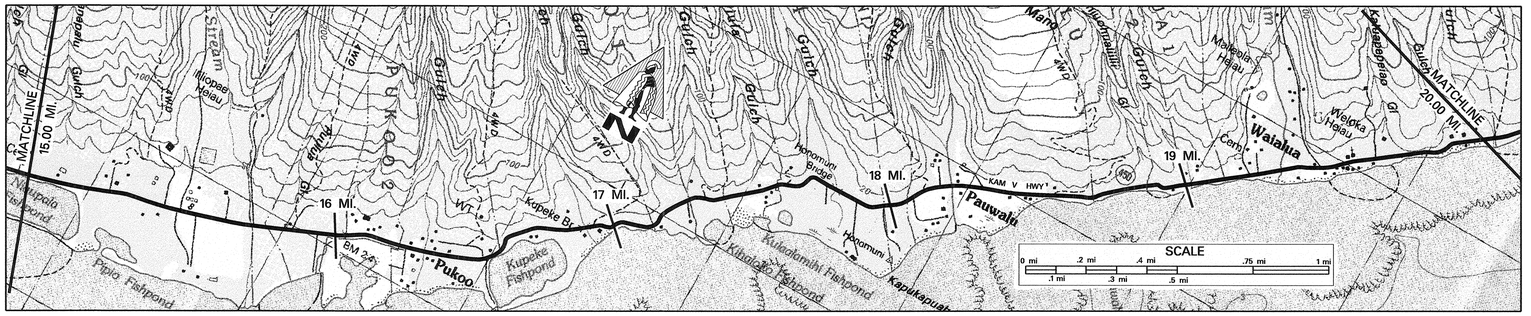
Total Route Length: 27.51 miles

a. **Survey Length:** 27.51 miles

b. **Proposed Length:** 0.00 miles

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

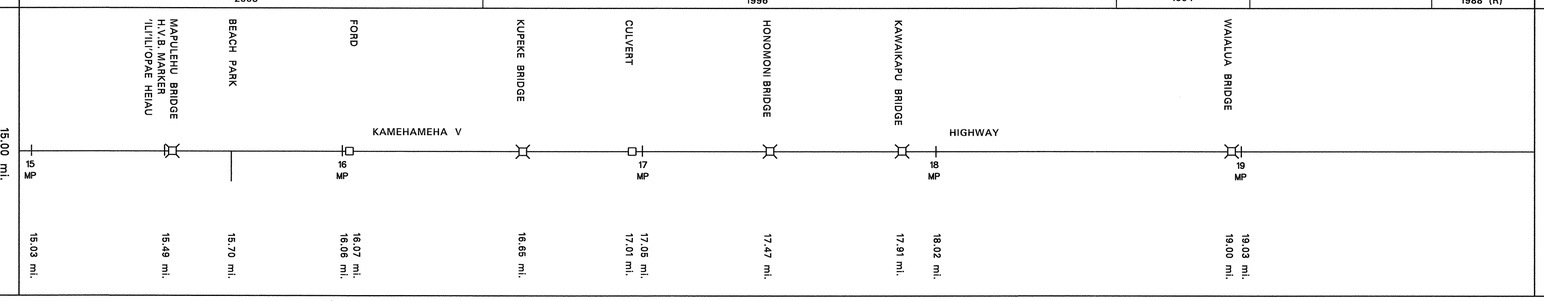
*



		15	16	17	18	19	20
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**	SLAB 1950 (1968) HS20 42′	PRESTRESSED BEAM 1979 HS20 25′	PRESTRESSED BEAM 1979 HS20 16′	SLAB 1950 (1970) HS20 22′	PRESTRESSED BEAM 1970 HS20 103′	
	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 / WIRE (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) 2003	450B–01–94M RESURFACE (18.62) 1996		STP–0450(5) (19.06) 1994	COUNTY (19.46)	450B–01–88M 1988 (R)
Project No., Type of Construction, and Year Constructed							

Road Diagram

* MP=Milepost Signage



		15	16	17	18	19	20
SCALE: (In Miles) 4" = 1 mile							
Divided Highway	**Undivided**	**Shoulder: Width and Type**	2′ – 4′ AC			4′ – 6′ GRASS (18.82) (18.81) 0′ (18.90) 6′ GRASS (19.40) 0′ (19.66) 2′ – 6′ AC	
		Pavement: Width and Type	18′ AC (16.08)	16′ AC		14′ BST (18.82) 14′ BP (19.35) 14′ – 18 AC	
		Shoulder: Width and Type	2′ – 4′ AC			6″ GRS (18.82) (18.70) 0′ (18.90) 6′ – 8′ GRASS (19.35) 0′ (19.60) 6″ GRS (19.65) 2′ – 6′ AC	
	Divided	**Median: Width and Type**					
		Shoulder: Width and Type					
		Pavement: Width and Type					
		Shoulder: Width and Type					
Number of Traffic Lanes		2–9′ (16.08)	2–7′ (16.21)	2 – 8′	(18.69)	2 – 7′	(19.66) 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	(15.00) (15.47) (15.51)	(16.05) (16.83)	(17.51) (17.48)	(17.95) (17.91)	(19.06) (18.99)	
Illumination: Type, Location and Number							
Curves: Degree of Curvature (Right and Left)							
Superelevation (Range)							
Grades: % Grade, Positive or Negative							
Vertical Curve: Crest or Sag, Curve Limits							
Area and Development:		R U R A L					
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		F L A T (1) (16.00)	ROLLING / FLAT				
Speed: 1–Design, 2–Posted		30 MPH (2) (16.29)	5 MPH (2) / 30 MPH (2)	30 MPH (2) / 5 MPH (2) (17.96) (17.69)		30 MPH (2) (19.70)	5 MPH (2) / 20 MPH (2) (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		(18.82)		
			STP–0450(5) 1994 GUARDRAIL AND SHOULDER IMPROVEMENTS			(19.06)	
		450B–01–80M 1980 RESURFACE (16.08) (16.21)		450B–01–81M 1981 RESURFACE	(18.95)		450B–01–87M 1987 RESURFACE (19.66)
				COUNTY			
HPMS		(1.51 MI.) (16.03)	(0.47 MI.) (16.00)	(0.65 MI.) (17.07)	(18.20)		(4.20 MI.) (19.95)
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

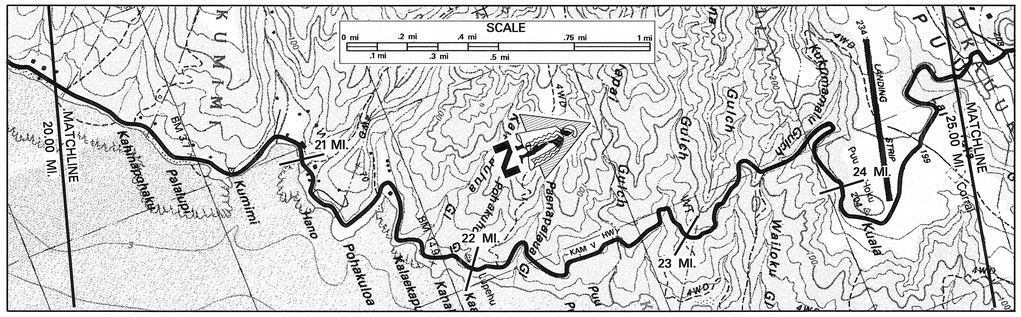
Total Route Length: 27.51 miles

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.) 450 05 (13.54 MI.)
		ADT Sections; ADT; Traffic Count and Truck Weight Stations	
Structure Carrying Road		Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CULVERT 1960 HS20 56' 16' TIMBER STRINGER 1950 H10
Structure Carrying Road		Vertical Clearance	
Structure Carrying Road		Horizontal Clearance	12' 13'
Structure Over Road		Vertical Clearance	
Structure Over Road		Horizontal Clearance	
		Right of Way Width (min.–max.) if varies	80'
		Available Right of Way Width (Needs Study)	TREES BUSHES AND SOME OPEN PASTURE
		Right of Way Fence: Type – Right and Left	21.55 WOOD POST W/WIRE 10'-15' FROM PAVEMENT 23.72 WOOD ON WIRE 10'-15' FROM PAVEMENT
		Control of Access: 1–None, 2–Partial, 3–Full	N O N E
		Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
		Project No., Type of Construction, and Year Constructed	450B–01–88M RESURFACE 24.96
		Project No., Type of Construction, and Year Constructed	1988 (450B-01-92M (R) 1993)

Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #4

20.00 mi.

HONOULIWAI BR. (3 ARCH CULVERT) — 20.10 mi. — MP 20
HONOULIMALOO BR. — 20.53 mi. — MP 20
CULVERT — 21.15 mi. — MP 21
CULVERT — 21.12 mi. — MP 21
BRANT FIELD — 22.57 mi. — MP 22
RANCH ROAD — 23.04 mi. — MP 23
KAMEHAMEHA V HIGHWAY — 23.03 mi. — MP 23
24.03 mi. — MP 24
24.24 mi. — MP 24
24.96 mi. — MP 25
24.94 mi. — MP 25

CONTINUES ON SHEET #6

25.00 mi.

		SCALE: (In Miles) 4" = 1 mile	20 21 22 23 24 25
Divided Highway	Undivided	Shoulder: Width and Type	2' – 6' AC (2' AC)
Divided Highway	Undivided	Pavement: Width and Type	14' – 18' AC 24.96 (14' AC)
Divided Highway	Undivided	Shoulder: Width and Type	2' – 6' AC (2' AC)
Divided Highway		Median: Width and Type	
Divided Highway		Shoulder: Width and Type	
Divided Highway		Pavement: Width and Type	
Divided Highway		Shoulder: Width and Type	
		Number of Traffic Lanes	2 – (7' – 9') 24.96 (2–7')
		Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	N O N E
		(Right Side)	N O N E
		Frontage Road: No. of Lanes, and Width (Right and Left)	
		Sidewalk: Width and Type (Right and Left)	N O N E
		Curb and/or Gutter: Type (Right and Left)	N O N E
		Protective Devices: Type, Location and Number	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:	20.22 R U R A L
		Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING MOUNTAINOUS F L A T 21.50 MOUNTAINOUS
		Speed: 1–Design, 2–Posted	5 MPH (2) 20 MPH (2) 21.23 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 24.96
			COUNTY
		HPMS	4.20 MI. 23.86 1.10 MI. 24.96 (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

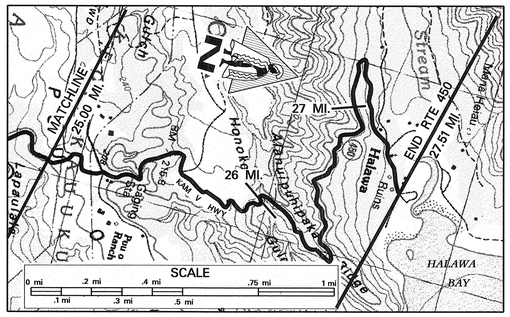
Total Route Length: 27.51 miles

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.) 450 05 (13.54 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations		
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CULVERT |
	Vertical Clearance	
	Horizontal Clearance	|
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		
Available Right of Way Width (Needs Study)		
Right of Way Fence: Type – Right and Left		WOOD ON WIRE 10'–15' FROM PAVEMENT | 25.55 WOOD ON WIRE 10'–15' FROM PAVEMENT
Control of Access: 1–None, 2–Partial, 3–Full		N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		S T A T E
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.

KAMEHAMEHA V HIGHWAY

26 MP 25.98 mi.

27 MP 26.97 mi.

PARK ROAD
ROAD TO CHURCH
27.40 mi.

27.46 mi.

27.51 mi.

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

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Divided Highway, Undivided	Shoulder: Width and Type	2' AC
	Pavement: Width and Type	14' AC
	Shoulder: Width and Type	2' AC
Divided Highway	Median: Width and Type	
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
Number of Traffic Lanes		2 – 7'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		N O N E
(Right Side)		N O N E
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		N O N E
Curb and/or Gutter: Type (Right and Left)		N O N E
Protective Devices: Type, Location and Number		25.55 (CRM) ROCK WALL M/M 26.91
Illumination: Type, Location and Number		N O N E (26.85)
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) 25.01	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

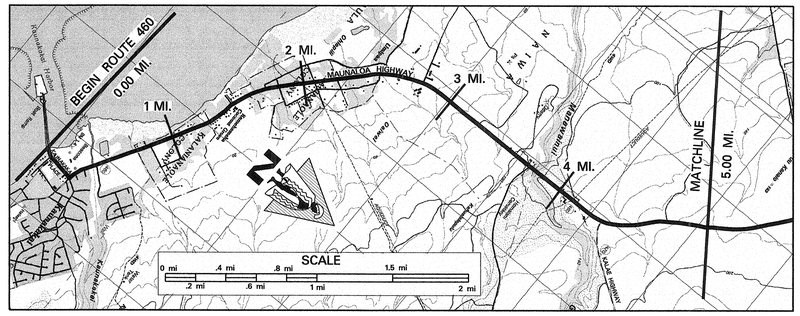
KAUNAKAKAI PLACE AND MAUNALOA HIGHWAY

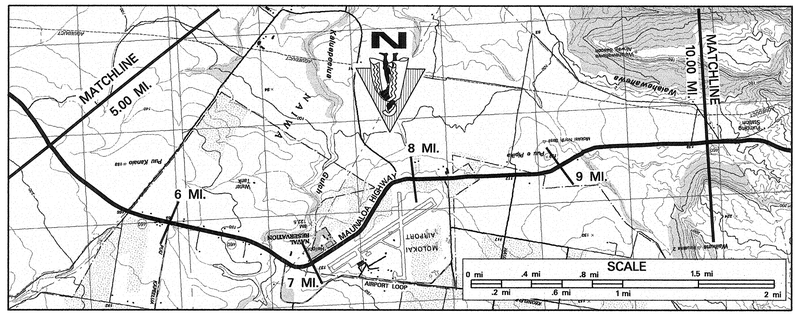
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Maintenance Control Sections : Length and Description

460A (16.56 mi.)

460 01 (0.25) | 460 02 (0.59 mi.) | 460 03 (3.52 mi.) | 460 04 (2.60 mi.) | 460 05 (8.05 mi.)

Begin 460A Same As Begin Rte 460

ADT Sections; ADT; Traffic Count and Truck Weight Stations

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'

Vertical Clearance

0.43 | 1.66 | 1.83 | 2.28 | 2.84 | 3.78

Horizontal Clearance

36' | 36' | 36' | 36' | 36' | 41'

Structure Over Road — Vertical Clearance

Horizontal Clearance

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

80' | 70'–160' | 80'–160' | 50' | 80'–110' | 100' | 80'–400'

Available Right of Way Width (Needs Study)

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

Right of Way Fence: Type – Right and Left

Wire on Wood 10' from Pavement
Wire on Wood 10' from Pavement
Wire on Wood 10' from Pavement | ChainLink

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

None

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

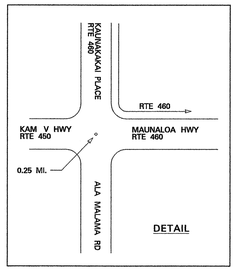
State

Project No., Type of Construction, and Year Constructed

STP–0460(12), Resurface, 1998

Project No., Type of Construction, and Year Constructed

STP–0460(11), 1997



Road Diagram

* MP = Milepost Signage

BEGIN RTE 460 ON KAUNAKAKAI PLACE AT THE BEGINNING OF KAUNAKAKAI WHARF.

0.00 MI.

KAUNAKAKAI PLACE

MAUNALOA HIGHWAY

CONTINUED ON SHEET #2

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type

4' AC | 0.39 | 8' AC | 0.00 | 8' AC | 0.39 | 4' AC | 0.83 | 4' AC | 0.88 | 4' AC | 0.83 | 4' AC | 0.88 | 4' AC | 0.83 | 4' AC | 0.88

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

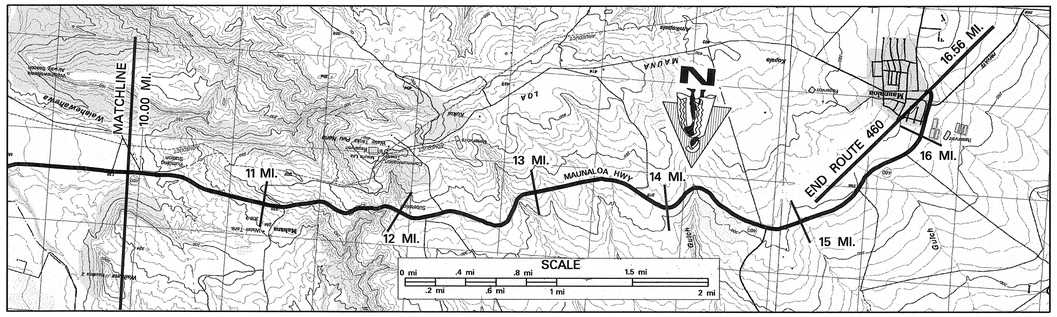
Total Route Length: 16.56 miles

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: Wire on Wood 20'-30' from Pavement (10.26 – 12.19); Wire on Wood 20'-30' from Pavement (13.69 –)

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

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

Project No., Type of Construction, and Year Constructed: 460A–01–99M, Resurface, 2000 (11.01 – 14.95)

Project No., Type of Construction, and Year Constructed: STP-0460(12) Resurface, 1998 (10.09 – 11.01); 460A–01–91M, Shldr. Paving, 1992 (10.09 – 14.95); RS–0900(24), Resurface, 1986 (14.95 –)

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #1

Culvert (10.83 mi.); Culvert (10.98 mi.); Kuia Kai Resort (14.91 mi.); ECB #19 (14.97 mi.); End Divided (16.00 mi.); Kaʻ Ana St. (16.23 mi.); Begin Divided (16.32 mi.)

MAUNALOA HWY

11 MP (10.83 mi.) 12 MP (11.97 mi.) 13 MP (12.93 mi.) 14 MP (14.01 mi.) 15 MP (14.97 mi. / 14.91 mi.) 16 MP (16.00 mi.) 17 MP (16.66 mi.)

END RTE 460 ON MAUNALOA HIGHWAY AT THE ℄ CENTERLINE MONUMENT OF THE WAIHOLOA VILLAGE ENTRANCE ST. @ BEGIN STATE HIGHWAY SIGN. 16.56 MI.

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 4' AC | 8' AC (10.38 – 10.97) | 4' AC | 10' | 8' | 15' | 10' | 8' | 9'–15' | 14' (9'–14' Grv.) (15')

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

Shoulder: Width and Type: 4' AC | 10' | 8' | 15' | 10' | 8' | 9'–15' | 14' | 0 (14') (9'–14' Grv.) (15')

Median: Width and Type: (12' Painted AC)

Median Barriers:

Shoulder: Width and Type: 0

Pavement: Width and Type: 11' AC

Shoulder: Width and Type: 14' Grass

Number of Traffic Lanes: 2–11'

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

(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; 3' 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: −2 (10.18) | 0 (10.24 – 10.47) | −6 (10.72 – 11.18) | 0 (11.27 – 11.48) | −5 (11.83 – 11.95) | −3 (13.11 – 13.33) | +1 (13.67 – 14.05) | −2 (14.48 – 14.58) | +2 (14.77 – 14.89) | −1 (15.26 – 15.40) | −2 (16.36 –)

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 – 16.57) 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 – 11.86; (46A–01–71, Resurface, 1971) 11.99 – 12.20; 460A–01–91M, Shldr. Paving, 1992 (14.95 –); 460B–01–83M, Resurface, 1983 (11.56 – 11.86); (46A–01–71, 1971); RS–0900(24), Resurface, 1986; FAS 21(1), 1949

HPMS: 10.27 – 11.03 (0.76); 15.26 – 15.60 (0.34)

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

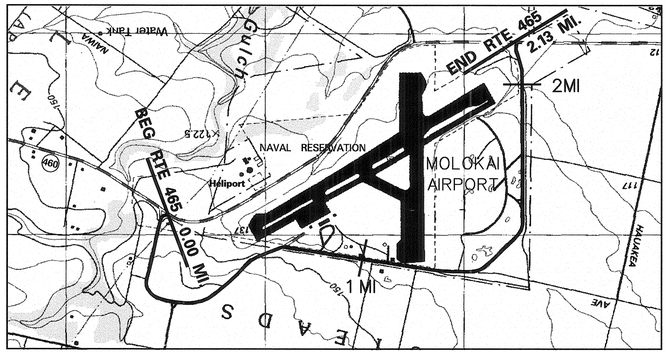
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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.

| | | |

ROAD INVENTORY

MOLOKAI RTE 470
KALAE HIGHWAY

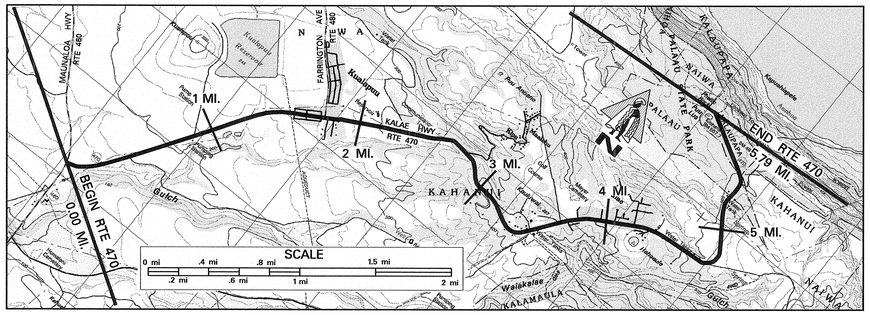
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

0 1 2 3 4 5 6 7 8 9 10

Maintenance Control Sections : Length and Description

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

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

80' – 120' | 3.48 | 60' – 70' | 5.08 | 60' – 130'

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

1000' PINEAPPLE FIELD, 20' – 30' FROM PAVEMENT | 1.97 | RES. AREA | 1.98 | 2.29 | PASTURE AREA W/ SOME HOUSES | LARGE TREES & BUSHES

Available Right of Way Width (Needs Study)

NONE | 1000' CLR PINEAPPLE 20' FROM PAV'T | WIRE ON WOOD 16' – 25' FROM PAVEMENT | WIRE ON WOOD 16' – 25' FROM PAVEMENT | 5.05

Right of Way Fence: Type – Right and Left

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

NONE

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

STATE

Project No., Type of Construction, and Year Constructed

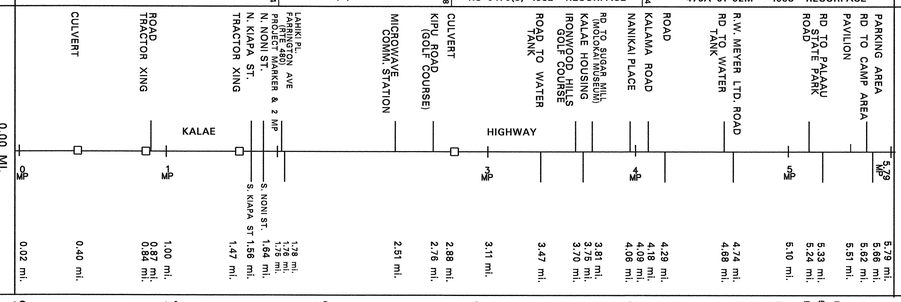
0.00 STP-0470 (5) GUARDRAIL / SHOULDER IMPROVEMENT 2001 AND 470A-01-00M 2001 RESURFACE

Project No., Type of Construction, and Year Constructed

STP-0470 (4) 1996 GUARDRAIL & SHOULDER IMPROVEMENT | 1.74 | RS-0900 (24) 1986 RESURFACE | 2.98 | RS-0470(3) 1982 RESURFACE | 4.14 | 470A-01-92M 1993 RESURFACE

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Divided Highway – Undivided

Shoulder: Width and Type

6' AC | 1.40 | 8' AC | 1.74 | 6' AC | 4.14 | 4.48 | 6' GRAVEL | 5.08 | 5.42 | 5.48 | 5.53 | 6' AC

Pavement: Width and Type

0.00 | 0.20 | 24' AC | 1.73 | 18' AC | 2.88 | 20' AC | 4.14 | 4' AC | 6' GRV | 4' AC

Shoulder: Width and Type

0.08 | 6' AC | 8' AC | 1.74 | 6' AC | 4.14 | 8' GRAVEL | 5.08 | 5.19 | 5.33 | 6' AC

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

1.15 | 1.19 | 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 NONE

(Right Side)

NONE

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

NONE

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) ALL CONCRETE GUTTERS

Protective Devices: Type, Location and Number METAL ON METAL UNLESS NOTED (*WOOD RAIL ON CONC. POST)

Illumination: Type, Location and Number

0.01 | 0.22 | 1.31 | 1.58 M/V 1.74 | 2.50 | 2.82 | 2.89 | 2.80 | 3.71 | 4.72 | 4.80 | 5.14

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 1.29 | 1.97 +8 2.20 | 3.50 –1 3.71 | 4.10 +7 4.20 | 4.45 +8 4.85 | 4.94 –4 5.05 | 5.64 +4

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL

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

FLAT (1) | 2.50 | ROLLING | 5.20

Speed: 1–Design, 2–Posted

35 MPH (2) | 45 MPH (1) | 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 | 0.87 | HWY-M-01-82M 1982 | 1.73 | RS-0900(24) 1986 | 2.98

RESURFACE | RESURFACE | RESURFACE

F-047-1(1) | 1.75 | WPH – 19B | 3.24 | COUNTY | 4.12 | REALIGNMENT 1971

1957, 1958 | 1936 | S-047(1) & S-047(2) 1970

HPMS

0.66 | 0.31 MI. | 0.87 | STA. 78+00 | STA. 48.92 | 5.18 | .15 | 5.33 | .31 MI. | 5.64

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

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

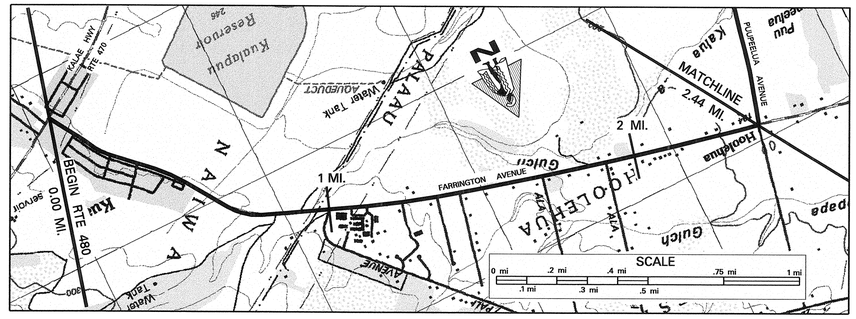
Total Route Length: 3.66 miles

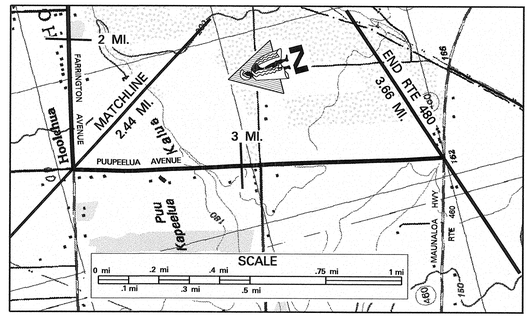
a. Survey Length: 3.66 miles

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

480 01 (2.44 MI) | 2.44 | 480 02 (1.22 MI) | 3.65

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

+60' | 2.44 | 80'

Available Right of Way Width (Needs Study)

RES. 0.25 | CLEAR 1000' PINEAPPLE 15' – 20' FROM EDGE OF PAVEMENT 0.97 | CLEAR 1000' GRASS & TREES 15' – 20' FROM PAVEMENT

1.37 WIRE ON WOOD 15' – 20' FROM PAVEMENT 2.50

Right of Way Fence: Type – Right and Left

NONE

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

STATE

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

Project No., Type of Construction, and Year Constructed

STP–0480(2) RESURFACE

Project No., Type of Construction, and Year Constructed

1999

Road Diagram

* MP = Milepost Signage

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

HULIA STREET PLANTATION STORE 0.09 mi. 0.05 mi.
'UWAO STREET 0.23 mi.
'ALAEKEA STREET 0.33 mi.
'EPANE STREET 0.46 mi.
FARRINGTON
LIHIPALI AVENUE – 1 MP 0.99 mi. 0.96 mi.
MOLOKAI H.S. H.S. EXIT PARKING LOT 1.05 mi. 1.12 mi.
FIRE STATION & KEENA PLACE PARKING LOT 1.23 mi. 1.20 mi.
LEI KUKUI PLACE 1.35 mi.
ALA EKOLU STREET 1.43 mi.
AVENUE
ALA 'ELUA STREET 1.70 mi.
ALA 'EKAHI STREET 2 MP 2.00 mi.
POST OFFICE ROAD ANGLE POINT OF PUUPEELUA AVE. & FARRINGTON AVE. 2.50 mi. 2.44 mi.
MOLOKAI BAPTIST CHURCH 2.70 mi.
PUUPEELUA
MOOMOMI AVE. 3.08 mi.
AVENUE
CULVERT 3.65 MP 3.65 mi. 3.64 mi.

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

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway – Undivided

Shoulder: Width and Type

6' AC

Pavement: Width and Type

24' AC | 2.47 | 22' AC

Shoulder: Width and Type

6' AC

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2 – 12' | 2.47 | 2 – 11'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

0.35 | 4' AC FOOT PATH | 2.44

Curb and/or Gutter: Type (Right and Left) CONCRETE CURB AND GUTTERS

0.83 0.90 0.99 1.13

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

0.80 0.72 0.85 0.88 0.97 MV 1.07

Illumination: Type, Location and Number

1 MV 0.03 | 1 MV 1.24 | 1 MV 1.49 | 1 MV 1.72 | 1 MV 1.93 | 1 MV 3.08

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

0.24 –1 0.36 | 1.37 +2 1.50 | 1.54 +4 1.83 | 1.92 +2 2.42 | 2.46 +2 2.66 | 2.80 –2 3.08 | 3.42 –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 0.95 20 MPH (2) 1.29 1.33 | 35 MPH (2) | 3.59 → 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 | 2.46

S–0480–(1) UNIT 1 1965 | 1.70 | S–0480(1), UNIT 2 1965 | STA 0+00 STA 64+50 | S–1(2) 1947

HPMS

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY

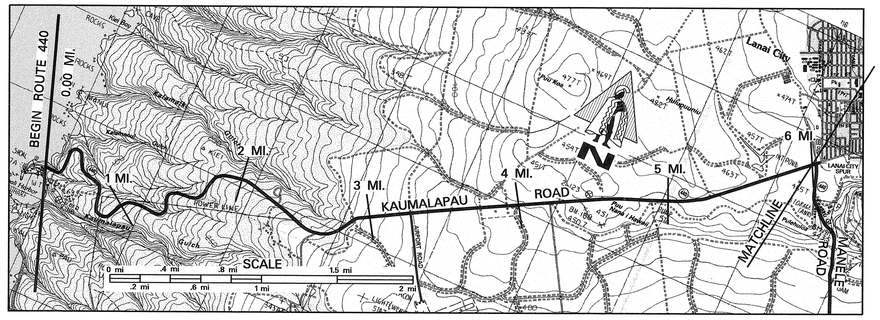
LANAI RTE. 440
KAUMALAPAU HWY., MANELE RD.

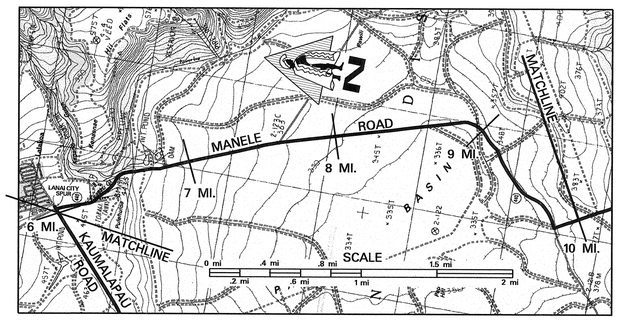
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

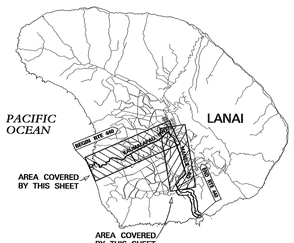
Right of Way Width (min.–max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left
Control of Access: 1–None, 2–Partial, 3–Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No.,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

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

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.)

440 01 (3.23 mi.) | 440 02 (2.74 mi.) | 440 03 (7.21 mi.)

90' – 200' | 80' – 130' | 100' | 80' – 150' | 30'
Clear 1000' Pineapple Fields / Bushes, Small Trees 15' – 25' From Edge of Pavement
NONE
NONE
STATE
(440A–01–99M, Resurf, 2000) | 440A–01–02M, (R) 2003 | STP – 0440(6) Resurf.
HWY – M – 02 – 97M, Shldr. Paving, 1998 | 440A–01–96M, 1997 | Worksite #1 1996
STATE PHASE I (C to S)
440B 01 – 98M | 440B – 02 – 98M, R, '99 | (440A – 01 – 92M (R) 1992)
1999 (Resurf.) | STP–0440 (5), 1995 (Resurfacing & Improvements)



Road Diagram
* MP = Milepost Signage

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

Begin State Hwy. Sign Milepost 0.00 | Old Kaumalapau Hwy. | Paved Road Refuse Road | Culvert | Kaupili Road | Tractor Xring | Begin Divided | Dirt Road Airport Road (L) | End Divided | Dirt Road (R) | Pineapple Station Road | Tractor Xring | Pineapple Station Road | Pineapple Station Road | Tractor Xring | Pineapple Road Tractor Xring Miki Road | Road (L) | Road (R) | Dirt Road | Dirt Road | Inter. of Kaumalapau Hwy & Manele Road | Huna Wai Street | Kaumalapau Rte. 440 / Manele Rd. | Palawai Road | Culvert | Milepost #9 | Culvert | Culvert | Paved Road (Rte 440 Angle Pt.) | Culvert

KAUMALAPAU HIGHWAY 1 MP 2 MP 3 MP 5 MP
KAUMALAPAU HWY – MANELE RD. 6 MP
MANELE ROAD 7 MP 8 MP 9 MP 10 MP

This diagram shows a 150' segment of 440A to be included as part of Rte. 440.

0.65 mi. | 0.85 | 0.89 mi. | 0.99 | 1.99 mi. | 1.99 | 2.25 mi. | 2.26 | 2.28 | 2.40 mi. | 2.40 | 2.56 mi. | 2.56 | 2.85 mi. | 2.85 | 3.00 mi. | 3.00 | 3.13 mi. | 3.13 | 3.23 mi. | 3.23 | 3.42 mi. | 3.42 | 3.71 mi. | 3.71 | 3.81 mi. | 3.81 | 3.85 mi. | 3.85 | 3.96 mi. | 3.96 | 4.16 mi. | 4.16 | 4.19 mi. | 4.19 | 4.31 mi. | 4.31 | 4.63 mi. | 4.63 | 4.84 mi. | 4.84 | 5.00 mi. | 5.00 | 5.22 mi. | 5.22 | 5.57 mi. | 5.57 | 5.97 mi. | 5.97 | 6.00 mi. | 6.03 | 6.00 mi. | 6.03 | 7.02 mi. | 7.02 | 7.52 mi. | 7.52 | 8.01 mi. | 8.01 | 8.92 mi. | 8.92 | 9.01 mi. | 9.01 | 9.08 mi. | 9.08 | 9.38 mi. | 9.38 | 9.72 mi. | 9.72 | 9.97 mi. | 9.98 | 9.98 mi. | 9.98

CONT. ON SHEET # 2

SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type — ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED
- Pavement: Width and Type
- Shoulder: Width and Type — ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED
- 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) — GUTTERS
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
HPMS

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

6' AC | 6' | 6' AC | 24' AC | 12' AC | 24' AC | 25' | 4' GRS/GRV | 25' Grass / 25' Dirt | 6' AC | 24' AC | 20' AC | 6' AC | 8'GRV | 15' | 12' | 25' | 6' – 10' | 25' | 18'AC | 4' GRS/GRV | 8" | 25' Dirt
6' AC | 6' | 6' AC | 0 | 12' PAINTED AC | 6' AC | 6' GRV | 25' | 10' | 25' | 6' – 10' | 25'
12' AC
6' AC
2–12' | 2–9' | 2–12' | 2–10'
12' TLs
NONE
NONE
ALL METAL ON METAL
NONE
RURAL
MOUNTAINOUS | ROLLING | FLAT
30 MPH (2) | 45 MPH (2) | 45 MPH (2) | 20 MPH (2) | 35 MPH (2) | 20 MPH (3) | 35 MPH (2) | NOT POSTED
COUNTY
MAJOR COLLECTOR
440A–01–99M, Resurf. 2000 | 440A–01–90M, Shldr. Paving, 1998
44A–02–88, Shldr.Imp, 1988 | 440A–01–90M, Shldr. Paving, '90
RS–0440(2) Resurf. 1986
440A–01–78M Resurf. 1979 | (440–A–01–81M Imprv. 1981)
440A 02 81 Imprv. 1981
S–0440(1) 1959, '60
RS–0440(3) Resurf. 1987
440A–01–73 Resurf. 1975
STA. 310+73.91
SMALL WORD SIZE (MILEAGE NUMBERS TEXT)
STP–0440(6) Resurf. Worksite #1 1996 | 440B–01–88M (R) 1987
STP–0440(5) 1995 (Resurfacing & Improvements)
COUNTY
0.95 | 0.42 | 0.34

SCALE: (In Miles) 2" = 1 mile

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

ROAD INVENTORY

LANAI RTE. 440
MANELE ROAD, AIRPORT ROAD

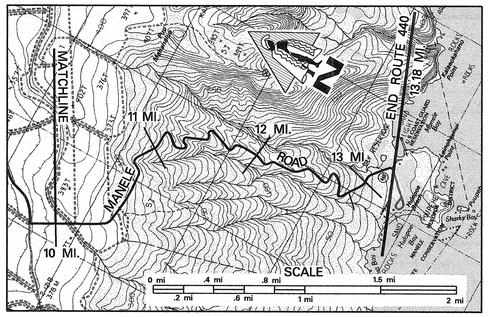
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

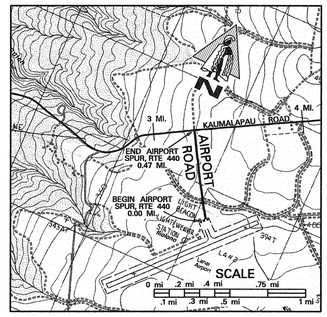
PREPARED BY THE HIGHWAY PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

* 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 (–)

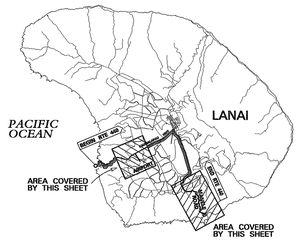
NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



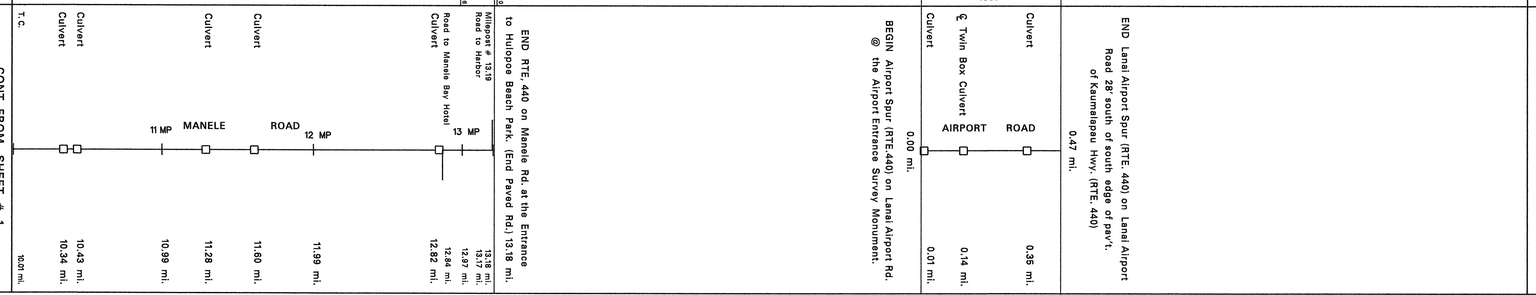


SCALE: (In Miles) 2" = 1 mile

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				
Structures Over Road: Vertical Clearance				
Structures 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		NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State Phase 1 (C to S)		STATE	
Project No., Type of Construction, and Year Constructed	440A–01–92M(R) Worksite #2 1996	STP–0440(6) (Resurface)	440A–01–88M Resurf.	
Project No., Type of Construction, and Year Constructed	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	All Gravel	6'	6'
Divided Highway, Undivided: Pavement: Width and Type				20' AC
Divided Highway, Undivided: Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	25' Dirt	All Gravel	4'	3'
Divided Highway, Undivided: Median: Width and Type				
Divided Highway, Undivided: Shoulder: Width and Type				
Divided Highway, Undivided: Pavement: Width and Type				
Divided Highway, Undivided: Shoulder: Width and Type				
Number of Traffic Lanes	2–10' / 2–11'		2–10'	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)				
Auxiliary Lanes and Parking Lanes: (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	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				

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