STATE ROUTE SYSTEM

COUNTY OF MAUI

ISLAND OF MAUI

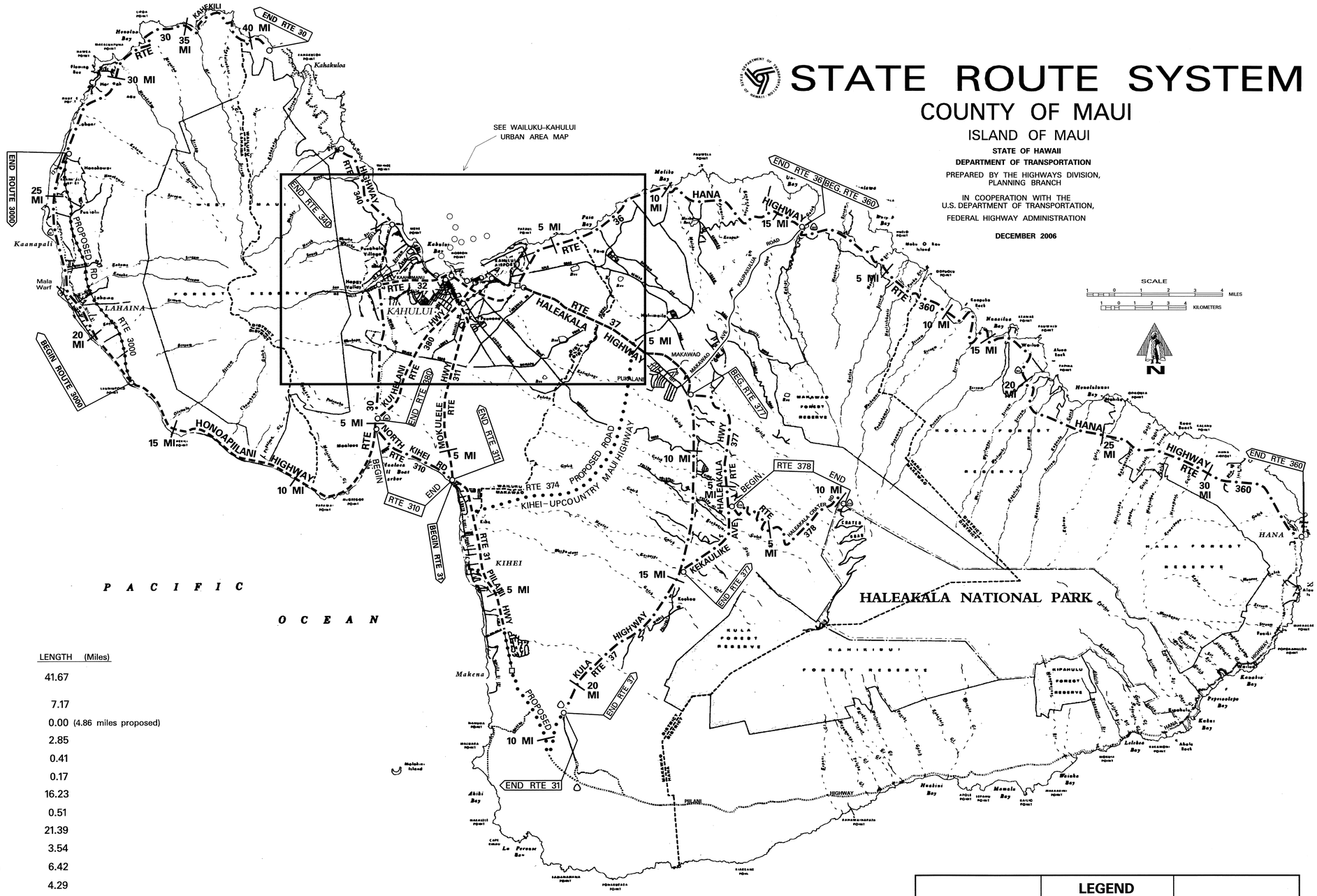
STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

PREPARED BY THE HIGHWAYS DIVISION,
PLANNING BRANCH

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

DECEMBER 2006



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)
- 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

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

DECEMBER 2006

WAILUKU–KAHULUI URBAN AREA

LEGEND

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

SCALE
2000 0 2000 4000 6000 FEET

PACIFIC OCEAN

Kahului Bay
Kahului Harbor
Kanaha Pond State Wildlife Sanctuary
Kanaha Beach Park
Kahului Airport
Papauia Point
Waiehu
Happy Valley
Wailuku
Kahului
Iao Valley
Wailuku Heights
Puunene
Pukalani

KAHEKILI HIGHWAY RTE 340
BEG. RTE 340
WAIEHU BEACH RD ROUTE 3400
END ROUTE 3400
KAHEKILI HIGHWAY
MAIN ST
KAHULUI BEACH ROAD
BEG ROUTE 3400
END RTE 32A
BEGIN RTE 32A
END RTE 32
BEGIN RTE 32
END RTE 36
BEG RTE 36
RTE 36A
BEG RTE 3800
BEGIN RTE 32
MAIN ST
WELLS ST
HIGH ST
BEGIN RTE 30
RTE 30
IAO VALLEY ROAD
IAO WAIKAPU DITCH
MAHALANI STREET
WAIALE RD
ALU KUKAHI DRIVE
HONOAPIILANI HIGHWAY
KAAHUMANU AVE
KAAHUMANU AVENUE
PUUNENE AVENUE
BEG RTE 3600
BEG RTE 311
HALEAKALA HWY
HALEAKALA ROAD EXTENSION
PROPOSED AIRPORT ACCESS
BEGIN RTE 3800
END ROUTE 3800
HANA HIGHWAY RTE 36
TEMP. BY-PASS
BALDWIN AVENUE
5 MI.
RTE 36
BEGIN RTE 37
HALEAKALA HIGHWAY RTE 37
RTE 37
QUARRY ROAD
WAIKO ROAD
KUIHELANI HIGHWAY RTE 380
MOKULELE HIGHWAY RTE 311
WAIKO ROAD VILLAGE
WAIKO ROAD
HAMU DITCH

Date Released
Dec 2002, JK
Revised
Jun. 04 | DR

2

STATE ROUTE SYSTEM

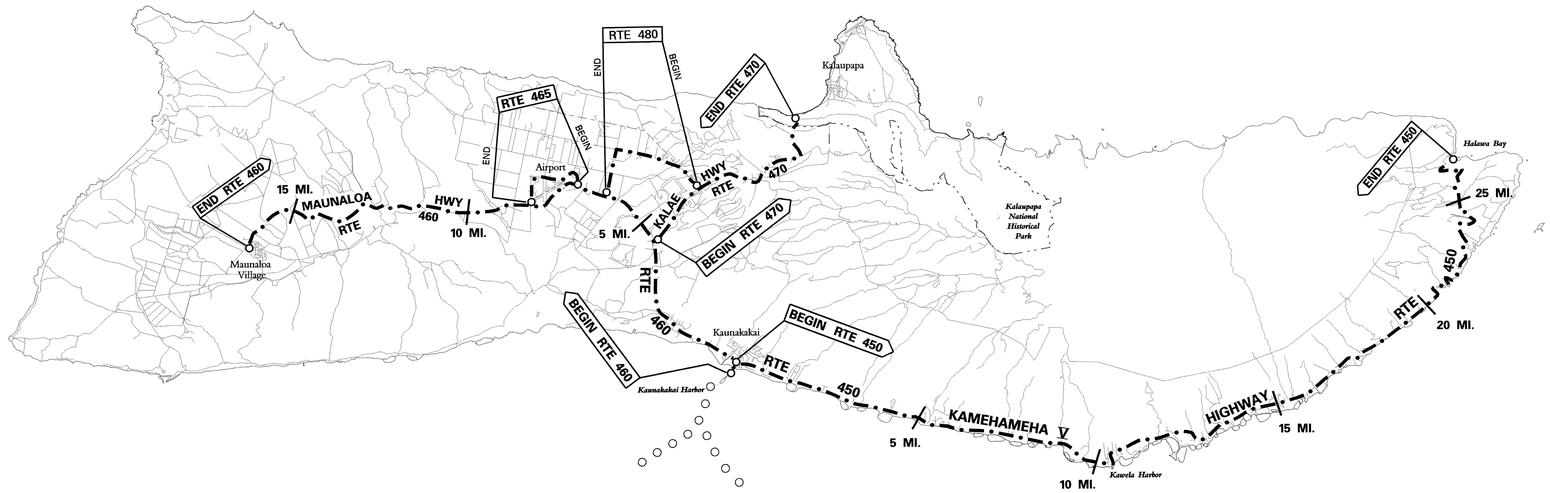
COUNTY OF MAUI

ISLANDS OF MOLOKAI & LANAI

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

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

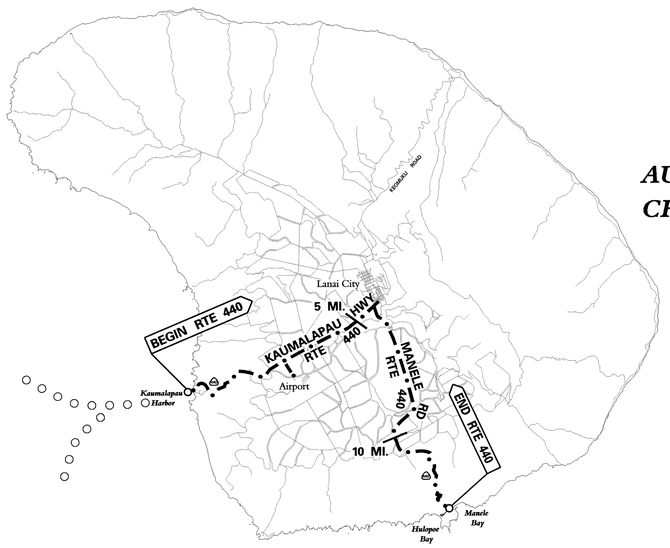
DECEMBER 2006



KALOHI CHANNEL

PACIFIC OCEAN

AUAU CHANNEL



SCALE

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS

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

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

LEGEND

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

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

3

ROAD INVENTORY

MAUI RTE 30
HIGH ST. – HONOAPIILANI HWY.

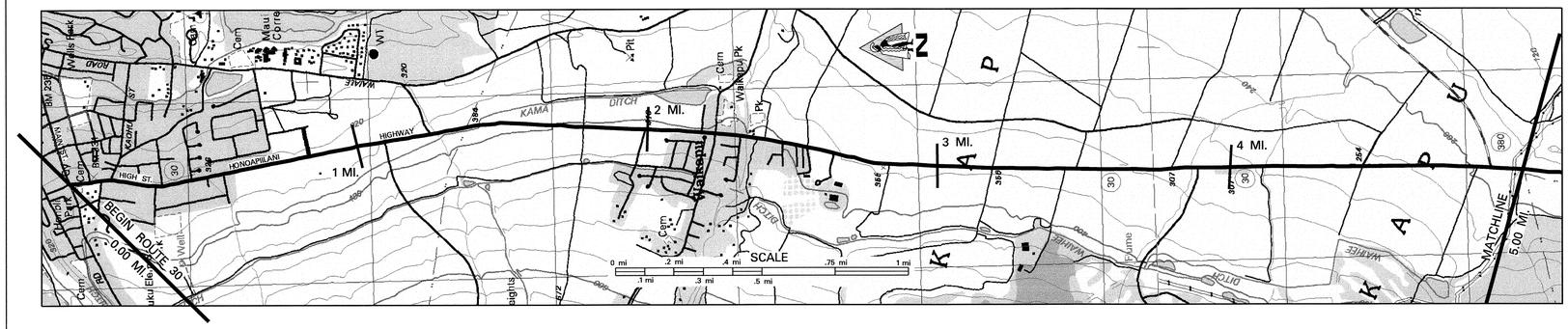
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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

*


BEGIN ROUTE 30
0.00 MI.
HIGH ST.
HONOAPIILANI HIGHWAY
1 MI.
2 MI.
3 MI.
4 MI.
5.00 MI.
MATCHLINE
KAMA DITCH
Waiakoa Canal
Waiakoa Ditch
Main Canal
Waiale Ditch
Waihee Ditch
Spreckelsville Ditch
Spreckelsville Canal
Waihee Canal
Waihee Valley Rd.
Main Canal Pump
Waiale Rd.
Kahului Beach Rd.
Kahului Airport
Kahului Harbor
Kahului Beach
Kahului Golf Course
Kahului Golf Course Pump
Kahului Golf Course Ditch
Kahului Golf Course Canal
Kahului Golf Course Pond

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

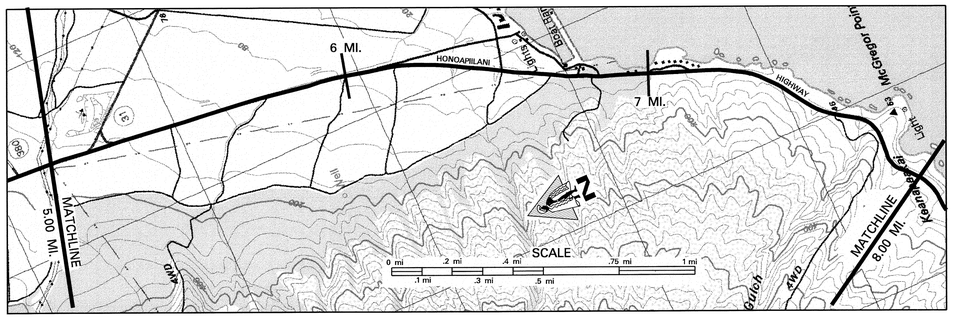
Total Route Length: 41.67 miles

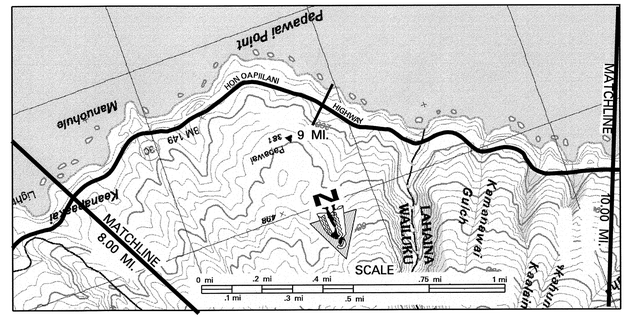
a. **Survey Length:** 41.67 miles

b. **Proposed Length:** 0.00 miles

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

*





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

5: 30 D (4.88 MI.) 5.26 5.30 — End 30 C – Beg. 30 D on Honoapiilani Hwy 450' South of Projected Centerline Intersection of the North Spur to Kihei Road.

6: 30 C (15.33 MI.)

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

5: 85' – 195' (5.31–5.37) | 6: 160'–180' (6.13–6.29) | 80'–100' (6.29–6.34) | 70' – 125' (6.34–7.53) | 8: 70' – 160' (7.53–8.02) | 9: 120'–490' (8.02–9.98)

Available Right of Way Width (Needs Study)

5: 1000' Clear, Sugar Cane Field 25' From E.P. (5.27–5.38)

6: 1000' Clear, Pineapple Field, 35' from E.P. (6.35–7.00)

6: Residential Area (7.00–7.34)

8: Brush and Trees (7.94–8.01)

9: Rock Fall Protection (9.18–9.98)

Right of Way Fence: Type – Right and Left

5: Wire on Wood (5.38–5.42)

6: Wire on Wood (6.76–7.00)

7: Wire on Wood (7.34–7.63)

8: Wire on Wood (7.94–8.01)

9: Wire (9.18–9.98)

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

None

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

State

Project No., Type of Construction, and Year Constructed

5: NH–030–1(28), Widening, 2003 (5.31–6.29)

6: STP–0900(53), 2002 Guardrail & Shldr. Imp. (6.67–7.48)

9: STP–0900(53), 2002 Guardrail & Shldr. Imp. (8.61–9.98)

Project No., Type of Construction, and Year Constructed

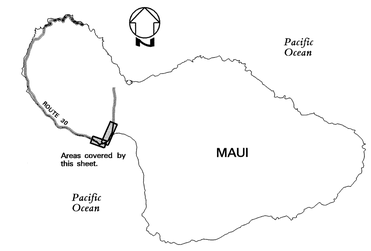
5: BR-NH-030-1(24) Bridge & Widening, 2002 (5.30–5.50)

5: NH–030–1(25) Resurface 1996 (5.50–7.47)

7: HWY–M–01–99M (R) 2000 (7.57–8.61)

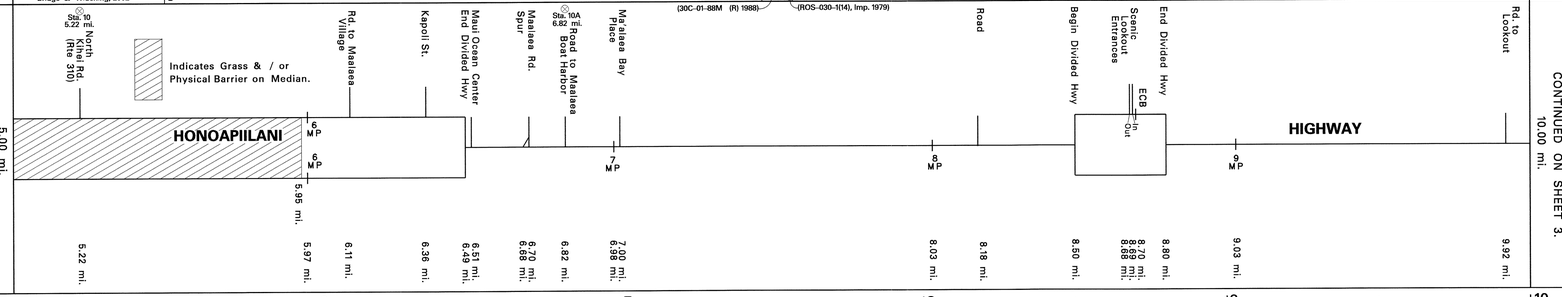
7: (30C-01-88M (R) 1988) (7.47–7.57)

7: (ROS-030-1(14), Imp. 1979) (7.48–7.57)



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.)

5: 10' AC (5.31–5.37) | 8' AC (5.37–6.29) | 4'–6' AC (6.29–6.83) | 6'–8' AC (7.16–8.40) | 4'–6' AC (8.40–8.80) | 6'–8' AC (8.80–9.00) | 8'–10' AC (9.00–9.92)

Pavement: Width and Type

5: 24' AC (5.31–6.03) | 12' AC (6.03–6.34) | 24' AC (6.34–6.83) | 36' AC (6.83–7.16) | 24' AC (7.16–8.40) | 14' AC (8.40–8.80) | 24' AC (8.80–9.92)

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

5: 4' AC (5.31–6.03) | 0 (6.03–6.83) | 6'–8' AC (7.16–8.40) | 0 (8.40–9.52) | 6'–8' AC (9.52–9.92)

Median: Width and Type

5: 32' Grass (5.31–5.37) | 22' Grass (5.37–5.95) | 0–10' Paint (5.95–6.49) | 0–14' Painted AC (8.50–8.80)

Divided

Shoulder: Width and Type

5: 4' AC (5.31–6.03) | 0 (6.03–6.49) | 0 (8.50–8.80)

Pavement: Width and Type

5: 24' AC (5.31–6.11) | 12' AC (6.11–6.49) | 14' AC (8.50–8.80)

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

5: 8'–10' AC (5.31–6.03) | 6'–8' AC (6.37–6.49) | 6'–8' AC (8.50–8.80)

Number of Traffic Lanes

5: 4–12' (5.31–6.11) | (1–12') (2–12') (6.11–6.34) | 2–12' (6.34–6.37) | 2–12' (6.37–6.49) | 2–12' (8.50–8.80) | 2–12' (8.80–9.98)

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

5: 5.00 5.07 22 22 5.37 5.42

6: 5.91 6.03 6.11 6.25 6.36

6: 6.34 6.37 6.46 6.49

8: 8.50 8.68 8.80 11' Turn Lane 11' Merge Lane

(Right Side) (All 12' TLs.)

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

Sidewalk: Width and Type (Right and Left)

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

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

Illumination: Type, Location and Number

5: 15 HPS (5.03–5.29)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

6: +3 (6.03–6.36)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Rural

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

Flat (5.03–6.05) | Mountainous (6.70–9.92)

Speed: 1–Design, 2–Posted

5: 45 MPH (Min. 35 MPH) (2) (5.03–5.23) | 45 MPH (2) (5.23–6.05)

6: 45 MPH (Min. 35 MPH) (2) (6.70–9.92)

Intersection Control Devices: Type, Location and Cycle Timing

5: 3 Phase (5.22–6.36)

Traffic Station

5: B74 0030 00488 (5.22–6.11)

6: B74 0030 00611 (6.70–9.92)

HPMS Section

5: 5.69

AADT (Year 2005)

5: 28,478 (5.22–6.11)

6: 25,017 (6.70–9.92)

DOD Sections

Census Tracts

Functional Classification

Principal Arterial

National Highway System (NHS)

NHS

Previous Projects: Project No., Date and Limits

5: NH–030–1(25) Resurface 1996 (5.03–7.47)

5: (30C-01-92M (R) 1993) (5.03–5.21)

5: (30D-01-82M (R) 1982) (5.03–5.21)

5: 30C-01-86M (R) 1986 (5.21–6.96)

5: 30CD-01-84(Shldr. Imprv.) 1985 (5.03–6.68)

5: 30BC-01-70 1970 (5.03–6.96)

5: FAP – 13G 1936 (5.03–6.07)

5: NRH – 13C 1934 (6.07–6.40)

6: 30BC-01-71, (R) 1971 (6.68–7.27)

6: 30C-01-88M (R) 1988 (6.96–7.56)

6: ROS-030-1(14) Safety Imprv. 1979 (6.96–8.32)

6: Resurf 1950 (7.27–7.55)

6: NRH – 13D 1935 (7.55–8.14)

7: HWY–M–01–99M (R) 2000 (7.57–8.61)

7: 7.47–7.57

7: 7.58 30C-01-90M (R) 1990 8.50 HES-STP-030-1(20) 1994 8.88 30C-01-90M (R) 1990

8: 8.10 LT–M–01–78 (R) 1979

8: 8.32 | 8.36 ROS-030-1(12) 1977

8: 30C-01-75M Resurf 1975

8: 8.14 111 + 00 376 + 81.31

9: F–30(5) 1953

Date Released
Aug 2003, D.B.

Revised	
Aug 04	D.B.
Nov. 06	D.B.

SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY

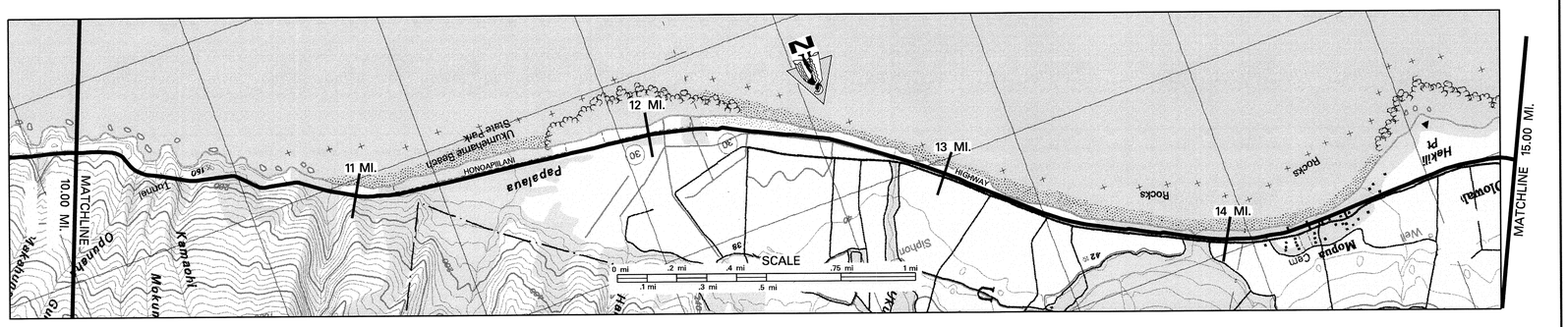
MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

10 | 11 | 12 | 13 | 14 | 15

30 C (15.33 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Tunnel 1950 | 10.34
- RC, Flat Slab H20, 1950 | 35' | 12.92

Vertical Clearance
- 44'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- (120'–490') | 10.03
- 80'–345' | 12.40 | 13.96

Available Right of Way Width (Needs Study)

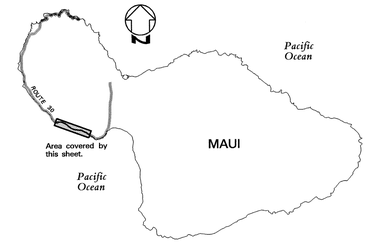
Right of Way Fence: Type – Right and Left
- Brush & Trees | Wire 11.72 | 11.79
- Rock Fall Protection: 10.09 | 10.20 | 10.27 | 10.33 | 10.45 | .52 | 10.81 | 10.95 | 11.07
- (R) Clear – 40' Canefield (L) Beach
- Trees & Bushes
- 14.09 Canefield 1000' Clear – 40' from E.P.

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) 2002 Guardrail & Shldr. Imp. | 10.42 | 10.50
- (STP-0900(52) Bikeway Imp., 2002) | 10.34
- HWY-M-01-99M (R), 2000 | 11.69
- STP-0900(53), Guardrail & Shoulder Improvements, 2002
- 30C-01-90M, (R), 1990 | 13.81
- HES-STP-030-1(119) | 14.28

Project No., Type of Construction, and Year Constructed



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 2.

10.00 mi.

Begin Tunnel | End Tunnel | Sta. 118 11.46 mi. | Ukumehame Firing Range | Culvert | Ent. to Parking Lot Ukumehame Park | Ukumehame Br. | Paved Road | Paved Road | Paved Road | Paved Road | Begin Divided Hwy

ECB | HONOAPIILANI | ECB | 11 MP | ECB | 12 MP | ECB (R) | HIGHWAY | 13 MP | ECB | 14 MP | 15 MP

10.02 mi. 10.07 mi. | 10.33 mi. | 10.39 mi. | 10.93 mi. | 11.00 mi. | 11.71 mi. | 11.84 mi. | 11.88 mi. 11.96 mi. | 12.08 mi. | 12.82 mi. | 12.98 mi. | 13.97 mi. | 14.02 mi. | 14.29 mi. | 14.39 mi. | 14.46 mi. | 14.53 mi. | 14.80 mi. | 15.00 mi.

CONTINUED ON SHEET 4.
15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)
- 8'–10' AC | 10.38 | 10.39 | 8'–10' AC | 10.56 | 11.19 | 8' AC | 11.37 | 10' AC | 11.71 | 4' AC | 11.89 | 6' AC | 14.82 | 4' AC/ 6' Grs

Pavement: Width and Type
- (5" PCC) | 24' AC | 12' AC

Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)
- 6'–8' AC | 10.33 | 10.39 | 8'–10' AC | 11.50 | 6' AC | 0

Median: Width and Type
- 0'–10' Painted | 14.80

Divided Highway – Undivided

Shoulder: Width and Type
- 0

Pavement: Width and Type
- 12' AC

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

Number of Traffic Lanes
- 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- 14.92 | 15.04

(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)
- 10.07 | 10.16 | 10.23 | 10.30 | 10.36 | 10.42 | 10.63 | 10.72 | 10.77 | 10.84 | 11.08 | 11.27 | 11.69 | 11.90 | 11.94 | 12.12 | 12.47 | 12.63 | 12.77 | 12.85 | 13.14 | 13.27 | 13.70 | 13.81 | 14.13 | 14.21 | 14.30 | 14.37 | 14.42 | 14.47 | 14.94
- 10.03 | 10.05 | 10.20 | 10.27 | 10.29 | 10.35 | 10.37 | 10.86 | 10.90 | 11.02 | 11.11 | 11.26 | 11.27 | 11.88 | 12.83 | 12.86 | 14.54
- Concrete Guardrail – Type 4K

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)
- 13.16 | +1 | 13.36 | 13.61 | –1 | 13.80 | 14.36 | +1 | 14.81

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- Mountainous | 10.05 | Flat

Speed: 1–Design, 2–Posted
- 45 MPH (Minimum 35 MPH) (2) | 10.39
- 55 MPH (Minimum 45 MPH) (2) | 13.67 | 13.88
- 45 MPH (Minimum 35 MPH) (2) | 14.89 | 14.90 | (35 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station
- B74 0030 00611 | 10.02
- B74 0030 01089 | 11.98
- B74 0030 01382 | 13.82

HPMS Section
- 25,017 | 10.89
- 25,112
- 25,769

AADT (Year 2005)

DOD Sections

Census Tracts

Functional Classification
- Principal Arterial

National Highway System (NHS)
- NHS

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

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Date Released
Aug 2003, D.B.
Revised
Aug 04 D.B.
Nov. 06 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

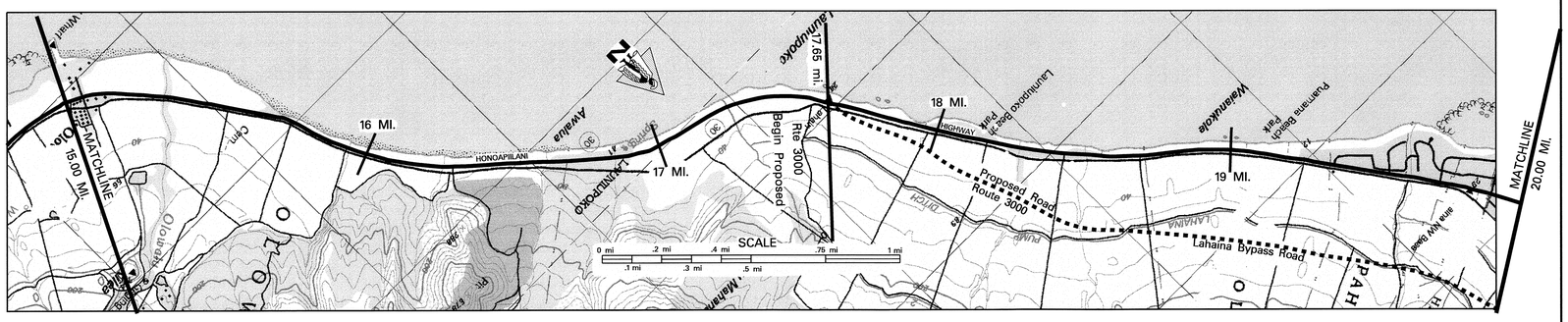
Total Route Length: 41.67 miles

a. Survey Length: 41.67 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*


Wharf
15.00 MI.
MATCHLINE
16 MI.
HONOAPIILANI
HIGHWAY
17 MI.
Begin Proposed Rte 3000
Proposed Road Route 3000
18 MI.
Launiupoko Beach Park
Launiupoko
17.65 mi.
19 MI.
Wahikole
Puamana Beach Park
Lahaina Bypass Road
MATCHLINE
20.00 MI.
SCALE
0 mi .2 mi .4 mi .75 mi 1 mi
.1 mi .3 mi .5 mi
Olowalu
Launiupoko
Lahaina
Maalaea
Olowalu Camp
Olowalu Store
Olowalu Gulch
Launiupoko Beach Park
Launiupoko Wayside Park
Launiupoko Stream
Launiupoko Gulch
Waiahuli Stream
Waiahuli
Waianae Kai Subdivision
Waianae Kai Gulch
Waianae Kai Stream
Lahaina Pali Trail
Lahaina Pali Trail
Lahaina Pali Trail

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

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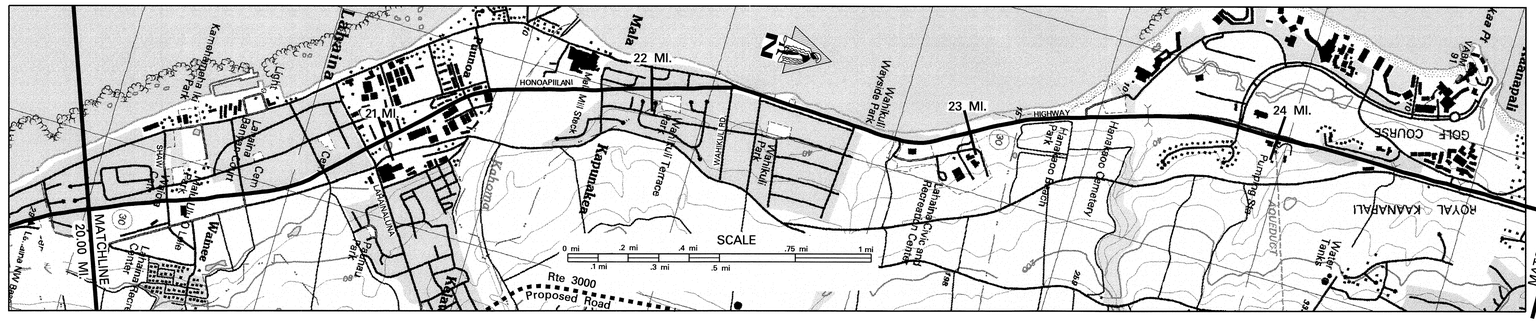


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

30 C (15.33 MI.) | End 30 B, Beg 30 C on Honoapiilani Hwy at the centerline intersection with Prison St. 20.53 | 30 B (1.75 MI.) | End 30 A, Beg 30 B on Honoapiilani Hwy at the centerline intersection with Wahikuli Rd. 22.28 | 30 A (13.59 MI.)

Structure Carrying Road

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

RC Twin Box Culvert, 1957 H 20 — 44' (21.48) — Tee Beam 1969 (23.86) — Pre Stressed Concrete Girder HS–20–44, 1969,1999 45'–4" (24.41)

Vertical Clearance

44' — 16.8' — 16.5'

Horizontal Clearance

47' — 74'

Structure and Ramp

Vertical Clearance

Horizontal Clearance

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

76'–280' — 80'–190' (22.40)

Available Right of Way Width (Needs Study)

(R) 1000' Clear Cane Field, 50' from E.P. (L) Beach & Residential Area | Residential (20.82–21.30) | Clear Canefield (21.40–21.80) | Residential (21.80–22.70) | Brush & Trees (22.70–23.82) | Residential/Recreation (23.82–24.95)

Right of Way Fence: Type – Right and Left

Various 20.24 – 20.48 Chain Link | Various 20.82 – 20.86 – 20.88 – 21.04 Chain Link | Various 21.20 – 21.80 Chain Link | Various 22.00 – 22.40 | Rock Fall Protection 24.20 – 24.95

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

None

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

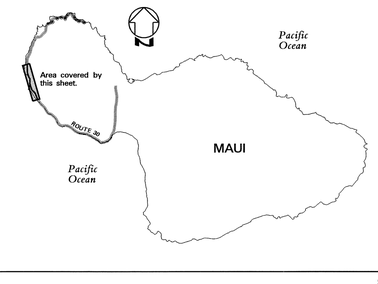
State

Project No., Type of Construction, and Year Constructed

20.76 (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 (23.89)



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 4.

20.00 mi. End Divided Hwy | 20.11 mi. Begin Divided Hwy | 20.25 mi. Shaw St. | 20.50 mi. Driveway & Hale Piilani Highway Prison St. | 20.55 mi. End Divided Hwy | 20.71 mi. Begin Divided Hwy | 20.78 mi. Sta. 25G 20.78 mi. Dickenson St. | 20.93 mi. Sta. 25C 20.93 mi. Lahainaluna Rd. | 20.99 mi. Sta. 25D 21.06 mi. Papalaua St. | 21.06 mi. End Divided Hwy | 21.16 mi. Beg Div. Hwy | 21.24 mi. Sta. 25J 21.31 mi. Kenui St. | 21.31 mi. Hunakai St. | 21.38 mi. Sta. 25H 21.49 mi. Kahoma Br. | 21.49 mi. Keawe St. | 21.56 mi. Sta. 25H 21.75 mi. Kapunakea St. | 21.75 mi. End Divided Hwy | 21.85 mi. Begin Divided Hwy | 21.97 mi. 22 MP | 22.07 mi. Sta. 25F 22.26 mi. Wahikuli Rd. Front St. | 22.18 mi. Fleming Rd. | 22.28 mi. End Divided Hwy | 22.44 mi. Begin Divided Hwy | 22.60 mi. Kahalu Rd. | 22.61 mi. Recreation Center Rd. | 22.76 mi. Sta. 26 22.99 mi. Entrance to Wahikuli State Park Exit | 22.99 mi. Entrance to Wahikuli State Park | 22.99 mi. End Divided Hwy | 22.94 mi. Civic Ctr. Rd. | 23.06 mi. 23 MP | 23.14 mi. Begin Divided Hwy | 23.24 mi. Hanakaoʻo Beach Park | 23.38 mi. End Divided Hwy | 23.47 mi. Begin Divided Hwy | 23.57 mi. Golf Course Overpass & Culvert | 23.58 mi. Telemetry Sta. | 23.71 mi. Begin Divided Hwy | 23.77 mi. Sta. 12A 23.89 mi. Keaanapali Parkway | 23.89 mi. Halelo St. | 23.91 mi. 24 MP | 23.93 mi. Parking Area | 23.93 mi. Kualapa Loop Bridge O.P. | 24.04 mi. Keka Drive | 24.41 mi. | 24.46 mi. | 24.60 mi. | 24.95 mi. 25 MP

HONOAPIILANI HIGHWAY

Indicates Grass & / or Physical Barrier on Median.

CONTINUED ON SHEET 6. 25.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.)

8'–6" AC (20.22) | 4'–6" AC

Pavement: Width and Type

24' AC | 12' AC (20.55) | 22' AC (20.72) | 22' AC (26.80) | 44' AC (21.38) | 22' AC (21.78) | 21' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC

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) | 8'–10' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 (10'–10' Painted Median) | 0

Median: Width and Type

10' Paint | 0–10' Paint | 0–12' Paint | 0–11' Paint | 0–11' Paint | 0–11' Paint | 4'–15' Painted AC

Median Barriers:

20.11 | 20.55 | 20.71 | 21.24 | 21.85 | 22.07 | 22.44 | 22.61 | 22.84 | 23.24 | 23.47 | 23.71 | 23.77 | 23.91 | 24.02 | 24.04

Shoulder: Width and Type

0 | 0 | 0 | 0 | 0 | 0 | 0

Pavement: Width and Type

12' AC | 11' AC (20.67) | 22' AC | 22' AC | 22' AC | 22' AC | 22' AC | 22' AC | (10'–38' Grass (Raised)) 0 | (10'–38' Grass (Flush)) 22' AC | (10'–38' Grass (Raised)) 6'–8' AC

Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.)

8'–10' AC (22.23) | 8'–10' AC (20.60) | 6'–8' AC (20.80) | 6'–8' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC

Number of Traffic Lanes

2–12' | 1–11' | 4–11' | 1–10', 1–11' | 4–11'

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

1–11' (20.57) | 2–11' (20.80) | 11' (L) T.L. (22.18) | 11' T.L. (22.70) | 1–11' (L) T.L. | 1–11' Accel. Ln. | 11' (R) T.L. (23.88) | 11' T.L.s (24.57)

(Right Side)

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 (23.89) | 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

20.10 +1 20.61 | 21.60 +2 21.98 | 22.56 –1 22.78 | 22.27 –1 23.12 | 24.47 +2

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Urban (23.89) Rural

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

Flat

Speed: 1–Design, 2–Posted

35 MPH (2) | 40 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

4 Phase | 3 Phase | Traffic Lights

Traffic Station

B74 0030 01968 | B74 0030 02050 | (B74 0030 02098) | B74 0030 02106 | B74 0030 02218 | B74 0030 02359 | B74 0030 02389

HPMS Section

20.61 | 20.98 | 21.96 | 22.86 | 23.60 | 24.03

AADT (Year 2005)

24,301 | 20.50 25,757 (35,514) 21.06 | 34,105 | 22.18 40,130 | 23.59 41,043 | 23.89 33,903

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

20.81 30AB–02–87 Widen, 1989 | 30AB–01–86M 1986 | 24.01 | 24.03 30A–01–96M (R) 1997

30BC–01–87M (R) 1987 | 20.95 | 21.27 | 21.41 (30B–01–85 Traffic Signal 1985) | 23.92 30AB–02–85 1985 | 24.01 30AC–01–87M & 30A–01–87,1987

30BC–02–86 Improvements, 1987 | 30AB–02–85 Shldr. & Guardrails 1985 | 22.21 30AB–01–82 Shldr. & Guardrails 1982 | 23.92 30AB–02–85 Shldr./Guardrails 1985

F–30(1) 1957 | 20.81 30AB–01–78M (R) 1978 | 22.07 30AB–01–79M 1979 | 22.41 30AB–01–78M (R) 1978

F–30–1(1) 1956 | 22.30 0 + 86.12 / 0 + 00 | S–0300(1) 1958

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug 2003, D.B.

Revised	
Aug 04	D.B.
Mar. 05	D.B.
Nov. 06	D.B.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

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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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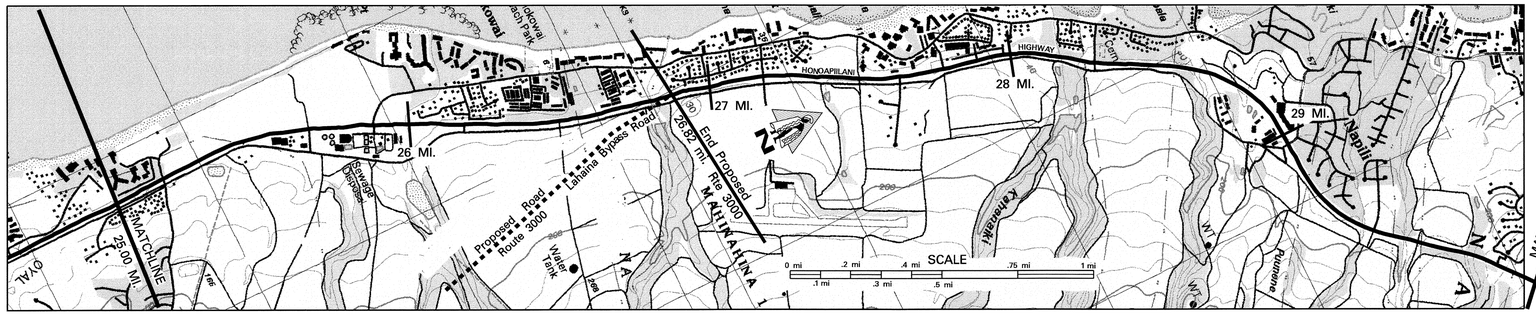


SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Maintenance Control Sections : Length and Description

30 A (13.59 MI.)

Structure Carrying Road

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

Tee Beam HS 20-44 1926,1967,1999 — 50' — 68'

Prestressed I-Beam HS-20-44 1981 — 74' — 47'

Vertical Clearance

Horizontal Clearance

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

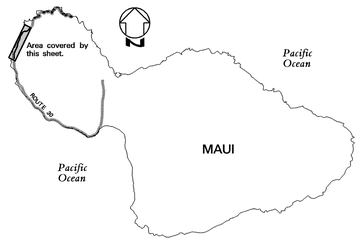
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

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

Project No., Type of Construction, and Year Constructed



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 5. 25.00 mi.

Kai Ala Dr. | Halawai Dr. | Lower Honoapiilani Rd. | Honokowai Br. No. 30 (1) 26 MP | End Divided Hwy | Cane Haul Rd. | Road | ECB (L) | End Proposed Rd. (Rte 3000) (Lahaina Bypass) | Begin Divided Hwy | ECB | Akahele St. | End Divided Hwy | Begin Divided Hwy | Ala Hoku Pl. | Hoohui Rd. | End Divided Hwy Ent. to Kahana Gateway | New Road | Kahana Kai Br. No. 30 (2) 28 MP | Cane Haul Rd. (Hui Rd.) | ECB (R) | SHRP Station | Begin Divided Hwy | Road | Napilihau St. 29 MP | End Divided Hwy | Begin Divided Hwy | Street & Tractor-Xing | Street & Tractor-End Divided Hwy | Begin Divided Hwy & Rd. | 30 MP

HONOAPIILANI | HIGHWAY

Pualoli Rd. 25.16 mi. | 25.63 mi. | Paved Rd. 25.89 mi. | 25.99 mi. | 26.03 mi. | 26.09 mi. | 26.18 mi. | 26.50 mi. | 26.61 mi. | 26.98 mi. | 27.02 mi. | 27.15 mi. | 27.18 mi. | 27.31 mi. | 27.51 mi. | 27.63 mi. | 27.78 mi. | 27.89 mi. | 27.94 mi. | 27.98 mi. | 28.06 mi. | 28.17 mi. | 28.29 mi. | 28.31 mi. | 28.37 mi. | 28.75 mi. | 28.82 mi. | 28.96 mi. | 29.03 mi. | 29.19 mi. | 29.28 mi. | 29.44 mi. | 29.54 mi. | 29.59 mi. | 29.86 mi. | 29.94 mi.

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 | 12' AC | 24' AC 10' 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 | 0 | 10' AC | 0 | 0 | 10' AC | 0

Median: Width and Type

0–15' Painted AC | 10' Painted AC | 12' Painted AC | 10' Painted AC | 12' Painted AC | (12' Painted AC)

Median Barriers:

Shoulder: Width and Type

0 | 0 | 0 | 0 | 0 | 0

Pavement: Width and Type

22' AC | 12' AC | 12' AC | 12' AC | 12' AC | 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' | 1–12' | 1–12', 1–12' Truck Ln. | 12' Climbing Lanes

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

11' T.L. | 11' T.L. | 11' T.L. | All 12' T.L.s

(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

Traffic Station

B74 0030 02389 | B74 0030 02516 | B74 0030 02588 | B74 0030 02762 | B74 0030 02777 | B74 0030 02901 | B74 0030 02942

HPMS Section

25.73 | 26.15 | 27.66 | 28.18 | 29.23 | 29.93

AADT (Year 2005)

33,903 | 31,093 | 19,805 | 19,242 | 14,670 | 8,280 | 8,280

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-01-87, 1987
30AS-01-78M Resurf 1978
S-0300(1) 1958 | RF-030-1(7) New Construction, 1977 | F-030-1(13) New Construction, 1981 | F-030-1(8) New Construction 1984

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Date Released
Aug 2003, D.B.

Revised	
Aug 04	*D.B.*
Mar. 05	*D.B.*
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ROAD INVENTORY

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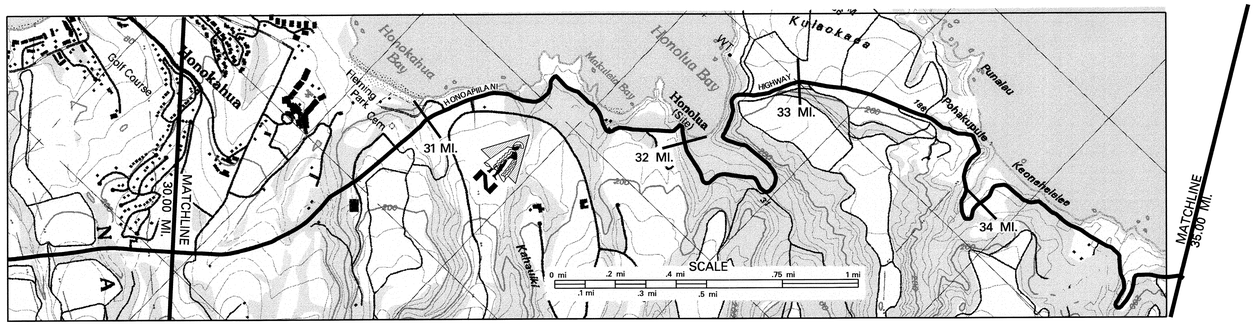


SCALE: (In Miles) 4" = 1 mile

30 31 32 33 34 35

Maintenance Control Sections : Length and Description

30 A (13.59 MI.)

Structure Carrying Road

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

Prestressed I-Beam HS–20–44 1986 | S.S. Conc. Slab H–10 1924

Vertical Clearance: 604′ (30.55) | 24′ (32.40)

Horizontal Clearance: 52′ | 17′

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: (300′–400′) 30.50 | 40′

Available Right of Way Width (Needs Study): Residential 31.19 | Heavy Brush, Trees & Rocks 33.01 | 1000' Clear Pineapple Fields 15' form E.P. 33.50 | Heavy Brush & Rock 34.77

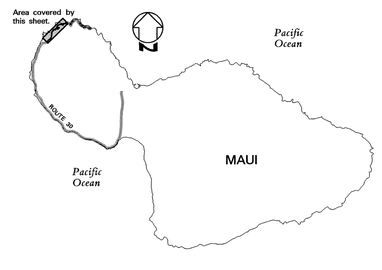
Right of Way Fence: Type – Right and Left: Chain Link 31.61 / 31.76 | 35.49 / 35.47 | Wire on Wood

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

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

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

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 6.

30.00 mi. 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. 33.84 mi. 34.52 mi. 34.76 mi.

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

HONOAPIILANI | HIGHWAY

31 MP | 32 MP | 33 MP | 34 MP | 35 MP

CONTINUED ON SHEET 8.

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) 30.13 | 8′ AC | 8′ PCC | 8′ AC | 10′ AC 31.07 | 2′ AC 32.80 | 4′ AC 33.28 | 2′ AC/4′ Grs 33.69 | 2′ AC 34.33 | 2′ AC/4′ Grs 34.64 | 2′ AC

Pavement: Width and Type: 12′ AC 30.13 | 36′ AC | 36′ PCC | 36′ AC 30.95 | 24′ AC 31.07 | 12′ AC | 20′ AC

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

Divided Highway

Median: Width and Type: 12′ Painted AC 30.18 | 30.69 | 12′ Painted AC 31.24 / 31.31

Median Barriers:

Shoulder: Width and Type: 0 | 0

Pavement: Width and Type: (24′ AC) 12′ AC 30.13 | 12′ AC

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

Number of Traffic Lanes: (1-12′) | (1-12′, 1-12′ T.L.) 30.03 | 1-12′, 1-12′ Truck Lane | 1-12′ | 12′ Climbing Lanes 30.67 | 2–12′ 31.21 | 2–10′

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12′ T.L. 30.03 / 30.07 | 8′ T.L. 30.84 / 30.88 | 10′ T.L. 31.04 / 31.08

(Right Side): 12′ T.L. 30.03 / 30.07 | 8′ T.L. 30.84 / 30.88 | 10′ T.L. 31.04 / 31.08

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): AC Curb 30.68 | 4′ Conc. Gutter 30.33 | Curb 31.22

Protective Devices: Type, Location and Number — All Guardrails Metal Rails on Metal Posts except where otherwise noted. x=Conc. Barrier: 30.46 | .47 x .69 | 30.31 | 30.41 | 30.45 | 30.59 | 30.78 | 30.87 | 32.24 | 32.30 | 32.36 | 32.75 | 35.07 | 35.18 | 35.55 | 35.65 | 33.69 | 34.03 | 34.09 | 34.23 | 34.44 | 34.62 | 34.67 | 34.71 | 34.77 | 34.81 | 34.91

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling 30.98 | Mountainous 31.23 | Flat 32.89 | Rolling 33.49 | Mountainous

Speed: 1–Design, 2–Posted: 45 MPH (2) | 45 MPH (2) | 30 MPH (2) | 35 MPH (2) | 25 MPH (2) 31.16 | 30.05 | 30.98

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: (B74 0030 02942) | B74 0030 03005 | B74 0030 03082

HPMS Section: 30.69 | 31.66

AADT (Year 2005): (8,280) 30.05 | 1,690 | 30.82 | 1,754

DOD Sections

Census Tracts

Functional Classification: Major Collector

National Highway System (NHS)

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

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.*
Nov. 06	*D.B.*

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY – KAHEKILI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

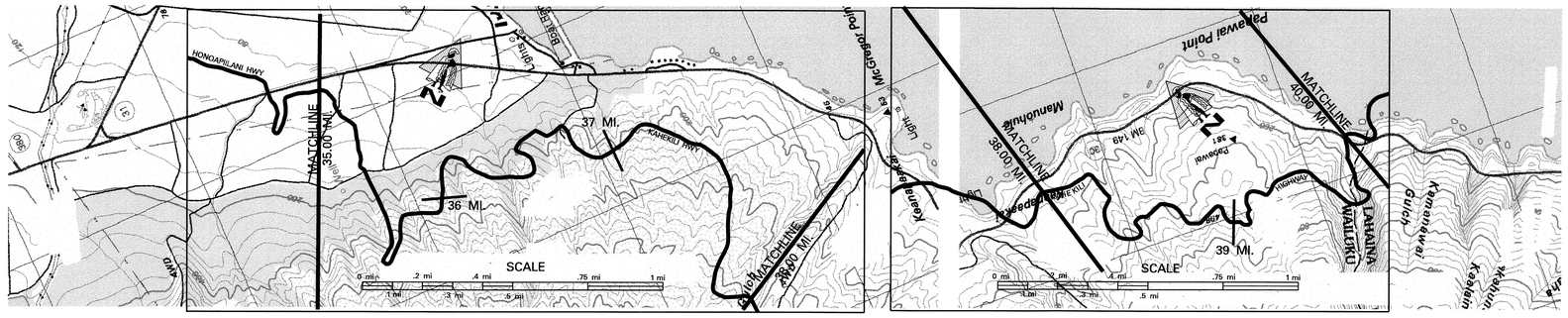
Total Route Length: 41.67 miles

a. **Survey Length:** 41.67 miles

b. **Proposed Length:** 0.00 miles

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

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

30 A (13.59 MI.) | Begin 30 A at the West End of Honokohau Bridge 35.87

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Concrete Girder 1924 (1966) HS–20 — 76′ (35.87)
- Timber Stringer 1924 H–10 — 22′ (39.49)

Vertical Clearance
- 26′
- 13′

Structure Over Road

Horizontal Clearance

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies — 40′

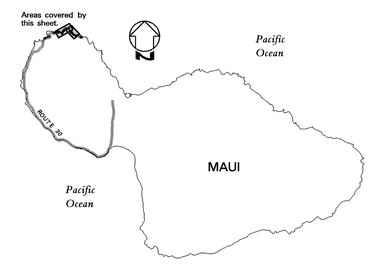
Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left — Chain on Wood (35.88 – 36.06); 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
- 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

Honokohau Valley Rd.	Honokohau Br.	Road	Cattle Guard	Nakalele Point Light Station	Culvert	Bridge (Anaeloauhine Stream)	Culvert	Cattle Guard & Kahakuloa Management Area Sign	Culvert
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.
36 MP			37 MP			38 MP			39 MP			Wailuku – Lahaina District Boundry		

CONTINUED ON SHEET 9. 40.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type
- 2′ AC
- 8′–10′ Dirt (37.43)
- 2′ AC (38.10)
- 2′ AC/6′ Grav. (39.03)
- 2′ AC (39.35)

Pavement: Width and Type
- 20′ AC
- 18′–20′ AC (35.87)
- 20′ AC (37.26)

Shoulder: Width and Type
- 2′ AC
- 2′ AC/6′ Dirt (37.51)
- 2′ AC (38.10)

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 (35.27 – 35.71); 3′–5′ AC Gutter (36.03 – 36.44); 3′–5′ AC Gutters (38.24 – 38.36)

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

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative — –7 (36.78 – 36.92); –10 (38.16 – 38.36); –9 (39.47 – 39.67); +8 (39.67 – 39.85); –8 (39.85 – 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

Traffic Station — B74 0030 03082

HPMS Section

AADT (Year 2005) — 1,754

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 – 39.73)
- 330C–03–70 1970 (35.87 – 39.31)
- 340A–02–72, 1976 (39.31 – 39.73)

County

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug 2003, D.B.

Revised	
Aug 04	D.B.
Mar. 05	D.B.
Nov. 06	D.B.

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

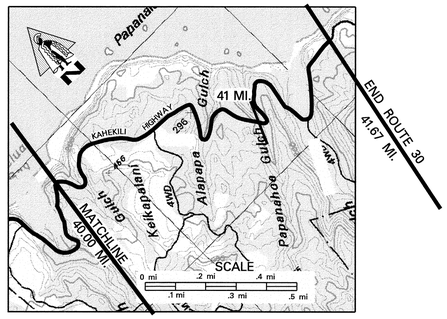
Total Route Length: 41.67 miles

a. **Survey Length:** 41.67 miles

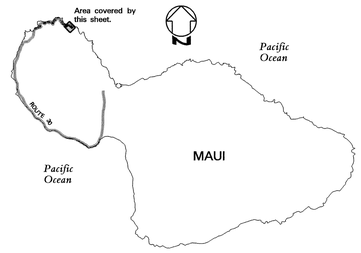
b. **Proposed Length:** 0.00 miles

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

*



	SCALE: (In Miles) 4" = 1 mile	40 41 42 43 44 45
	Maintenance Control Sections : Length and Description	
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Timber Stringer 1927 H-10
	Vertical Clearance	25' 0.31
	Horizontal Clearance	18'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
	Right of Way Width (min.–max.) if varies	40'
	Available Right of Way Width (Needs Study)	
	Right of Way Fence: Type – Right and Left	
	Control of Access: 1–None, 2–Partial, 3–Full	None
	Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
	Project No., Type of Construction, and Year Constructed	
	Project No., Type of Construction, and Year Constructed	30A-01-95M (Resurface) 1996



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 8.
40.00 mi.

Culvert
Bridge (Papanahoa Strm.)
KAHEKILI HIGHWAY
41 MP
42 MP
40.19 mi.
40.36 mi.
41.33 mi.
41.32 mi.

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

	SCALE: (In Miles) 4" = 1 mile	40 41 42 43 44 45
Divided Highway – Undivided	Shoulder: Width and Type	2' AC
	Pavement: Width and Type	20' AC
	Shoulder: Width and Type	2' AC
	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	
	Traffic Station	B47 0030 03082
	HPMS Section	
	AADT (Year 2005)	1,754
	DOD Sections	
	Census Tracts	
	Functional Classification	Major Collector
	National Highway System (NHS)	
	Previous Projects: Project No., Date and Limits	
		340A-02-72, 1976 County
	SCALE: (In Miles) 4" = 1 mile	40 41 42 43 44 45

Date Released
Aug 2003, D.B.

Revised	
Aug 04	D.B.
Mar. 05	D.B.
Nov. 06	D.B.

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

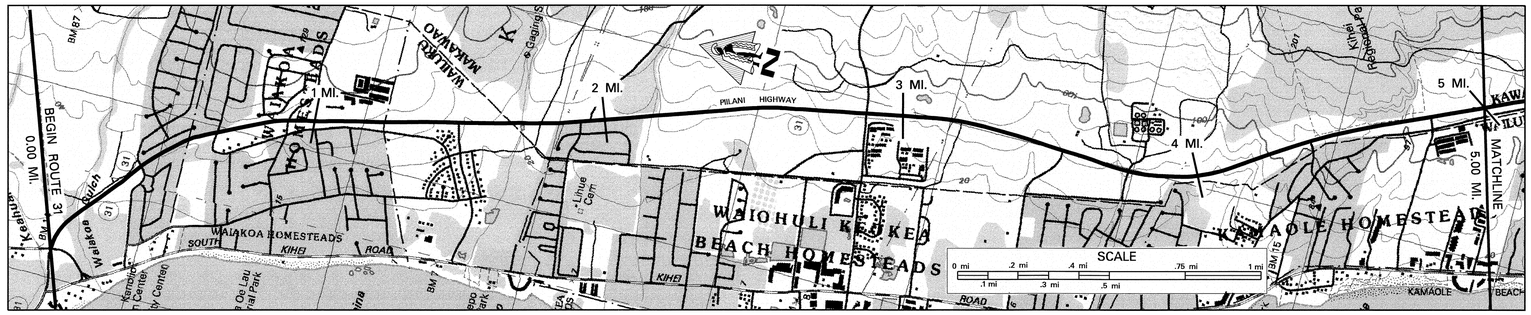
Total Route Length: 12.03 miles

a. **Survey Length:** 7.17 miles

b. **Proposed Length:** 4.86 miles

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

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

Structure Carrying Road

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

PRESTRESSED I-BEAM 1981 (0.14 mi, 150' – 1.88 mi, 150') | PRESTRESSED I-BEAM 1981 (2.11 mi, 130' – 3.38 mi, 49')

Vertical Clearance

48' | 48' | 48' | 48'

Horizontal Clearance

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 – 0.88 – 1.12 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

4.20 HWY-M-05-04 IMPR. 2006 4.49 | 735+00 | 750+50

Project No., Type of Construction, and Year Constructed

31AB-01-02, WIDENING, 2003

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

Mokulele Hwy | End Divided | Begin Divided | Waiakoa Gulch Bridge | End Divided | PIILANI | Uwapo Rd | Moi Place | Ohukai Road | End Divided | Begin Divided | Kaonoulu Street | End Divided | Kulanihakoi Gulch Bridge | Begin Divided | Kulanihakoi Road | End Divided | Waipuilani Gulch Bridge | E C B | E. Waipuilani Rd. | Begin Divided | Pi'ikea Avenue | HIGHWAY | Lipoa Pkwy | End Divided | Lipoa St. | Begin Divided | Keokea Gulch Bridge | Welakahao Rd | Old Welakahao Rd | End Divided | Begin Divided | Kanani Rd | End Divided | Begin Divided | Alanui Ke Alii Dr | End Divided

Kawilinine St | 4 MP | 5 MP | 6 MP | 7 MP | 8 MP | 742+00

0.00 mi. | 0.01 mi. | 0.14 mi. | 0.15 mi. | 0.23 mi. | 0.41 mi. | 0.49 mi. | 0.68 mi. | 0.93 mi. | 1.08 mi. | 1.37 mi. | 1.45 mi. | 1.48 mi. | 1.67 mi. | 1.69 mi. | 1.80 mi. | 1.89 mi. | 2.05 mi. | 2.10 mi. | 2.11 mi. | 2.27 mi. | 2.42 mi. | 2.49 mi. | 2.62 mi. | 2.83 mi. | 2.98 mi. | 3.34 mi. | 3.38 mi. | 3.42 mi. | 3.48 mi. | 3.71 mi. | 3.88 mi. | 4.24 mi. | 4.33 mi. | 4.37 mi. | 4.48 mi. | 4.62 mi. | 4.73 mi. | 4.93 mi.

CONTINUE 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 (COMBINATION SHOULDER AND BIKE ROUTE FROM 0.00 – 5.93 MILE)

6' – 8' A C

Pavement: Width and Type

11' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC

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

0' | 6'-8' AC | 0' | 6' – 8' AC | 0' | 6'-8' AC | 0' | 6' – 8' AC | 0' | 6' – 8' AC | 0' | 6' – 8' AC | 0' | 6'-8' AC | 0' | 6'-8' AC

Median: Width and Type

8' GRS w/ Raise Curb (0.14 – 0.23) | 6' PAINT (0.23 – 0.49) | 0' – 11' PAINT (0.49 – 1.08) | 0' – 12' Painted AC (1.37 – 1.67) | 0' – 12' Painted AC (1.80 – 2.10) | 0' – 12' Painted AC (2.49 – 2.98) | 0' – 12' Painted AC (3.42 – 3.88) | 0' – 12' Painted AC (4.24 – 4.49) | 0' – 12' Painted AC (4.62 – 4.93)

Shoulder: Width and Type

0' | 0' | 0' | 0' | 0' | 0' | 0' | 0'

Pavement: Width and Type

22' AC | 22' AC | 22' AC | 22' AC | 22' AC | 22' AC | 22' AC | 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

Number of Traffic Lanes

4–11'

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

(1-11') 0.00 – 0.07 | (2-11') 0.37 – 0.49 | (1-12') 0.37 – 0.52 | (1-12') 0.48 – 0.61 | 0.77 – 0.81 | 0.93 – 1.03 | 11' TLs | 1.43 – 1.48 | 1.99 | 11' TLs | 2.76 – 2.84 | 2.84 – 2.93 | 11' TLs | 3.48 – 3.60 | 3.32 | 12 TLs | 4.26 – 4.33 | 11' | 4.44 | 11' | 4.67 | 4.81 – 4.93 | 11' | 4.73 | 11' TLs

(Right Side)

0.00 – 0.05 | 0.01 – 0.08 | 11' TLs | 1.57 – 1.73 | 11' TL | 1.89 – 2.05 | 11' TL | 2.49 – 2.76 | 2.93 – 3.05 | 3.48 | 3.60 | 4.28 – 4.33 | 11' | 4.81 – 4.93 | 11'

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)

0.13 – 0.95 | CONCRETE GUTTER | 3.01 – 3.09 | CONCRETE GUTTER | 3.69 – 4.01 | CONCRETE GUTTER | 4.28 – 4.67 | CONCRETE GUTTER

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

0.21 – 0.42 | 0.49 – 0.84 | 0.93 | 1.46 – 1.73 | 2.09 – 2.16 | 2.53 – 2.70 | 3.36 – 3.40 | 3.86 – 4.03 | 4.28 – 4.42 | 4.63 – 4.67

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

3 Phase

Traffic Station

B74 0031 00000 | B47 0031 00283

HPMS Section

1.63 | 4.39

AADT (Year 2005)

28,050 | 2.83 | 22,679

DOD Sections

Census Tracts

Functional Classification

PRINCIPAL ARTERIAL

National Highway System (NHS)

N H S

Previous Projects: Project No., Date and Limits

STP-031-1(8) RESURFACING 1996

31B-01-94, 1994

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

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

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

ROAD INVENTORY

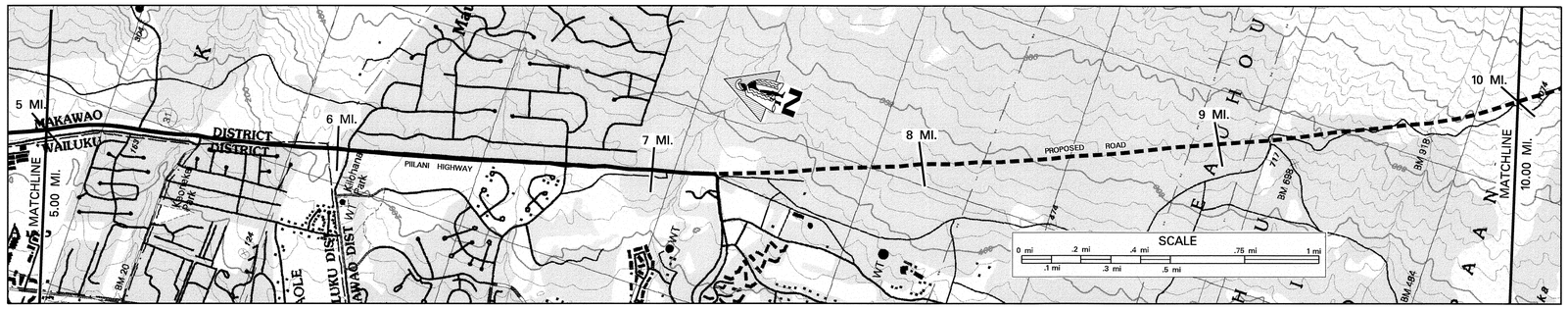
MAUI RTE 31
PIILANI HIGHWAY

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

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' | 105' – 305'
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left: CHAINLINK | 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: 31AB–01–02, WIDENING, 2003 | F–031–1(3)
Project No., Type of Construction, and Year Constructed: STP–031–1(8), RESURFACING 1996 | 1990

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

Continued from Sheet # 1

PIILANI HIGHWAY

Begin Divided — Kaonekai Dr — 5.32 mi. / 5.34 mi. — .9 MP
End Divided — 5.43 mi.
Begin Divided — 5.60 mi.
Mapu Place — 5.78 mi.
End Divided — Kilohana Dr — 5.93 mi.
E C B (R) — 6.10 mi.
Culvert — 6.31 mi.
Begin Divided — 6.38 mi.
Mikioi Pl — 6.48 mi.
End Divided — 6.53 mi.
Begin Divided — Okolani Dr — 6.66 mi.
6.89 mi.
7.04 mi.
10 MP

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

Divided Highway — Undivided
- Shoulder: Width and Type: 6' – 8' AC | 10' AC
- Pavement: Width and Type: 44' AC | 22' AC | 44' AC | 22' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC
- Shoulder: Width and Type: 6' – 8' AC | 0' | 6'–8' AC | 0' | 10' AC | 0' | 10' AC | 0'
- Median: Width and Type: 0' – 12' Painted AC | 0' – 12' Painted AC | 0' 14' Painted AC | 0' – 14' Painted AC | 0' – 25' Painted AC
- Median Barriers: Raised Curb, Flush AC
- Shoulder: Width and Type: 0' | 0' | 0' | 0'
- Pavement: Width and Type: 22' AC | 22' AC | 12' AC | 12' AC | 12' AC
- Shoulder: Width and Type: 6'–8' AC | 6'–8' AC | 10' AC | 10' AC | 10' AC | 0'

Number of Traffic Lanes: 4 – 11' | 2 – 12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: URBAN | RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT
Speed: 1–Design, 2–Posted: 40 MPH (2) | 45 MPH (2) | 35 MPH (2) | 40 MPH (2) | 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Station: B74 0031 00283 | B74 0031 00593 | (B74 0031 00708) | B74 0031 00717 (PROPOSED) | B74 0031 00777 (PROPOSED)
HPMS Section: 5.34 | 6.37 | 7.14
AADT (Year 2005): 22,679 | 15,819 | (13,676)

DOD Sections
Census Tracts
Functional Classification: PRINCIPLE ARTERIAL | MAJOR COLLECTOR
National Highway System (NHS): N H S
Previous Projects: Project No., Date and Limits: TQF–RF–031–1(6) 1981 | F–031–1(3) 1990

SCALE: (In Miles) 4" = 1 mile

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

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

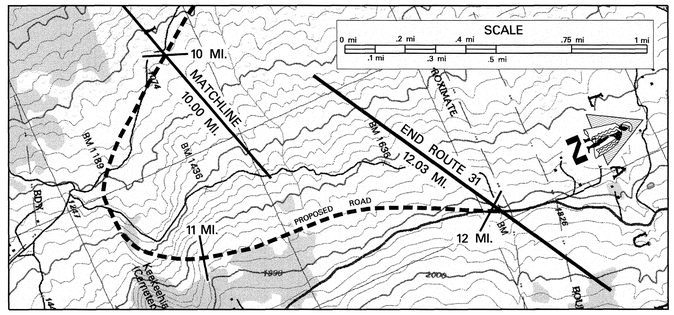
Total Route Length: 12.03 **miles**

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: 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

Traffic Station B74 0031 00777

HPMS Section (PROPOSED)

AADT (Year 2005)

DOD Sections

Census Tracts

Functional Classification MAJOR COLLECTOR

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

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

ROAD INVENTORY

MAUI RTE 32

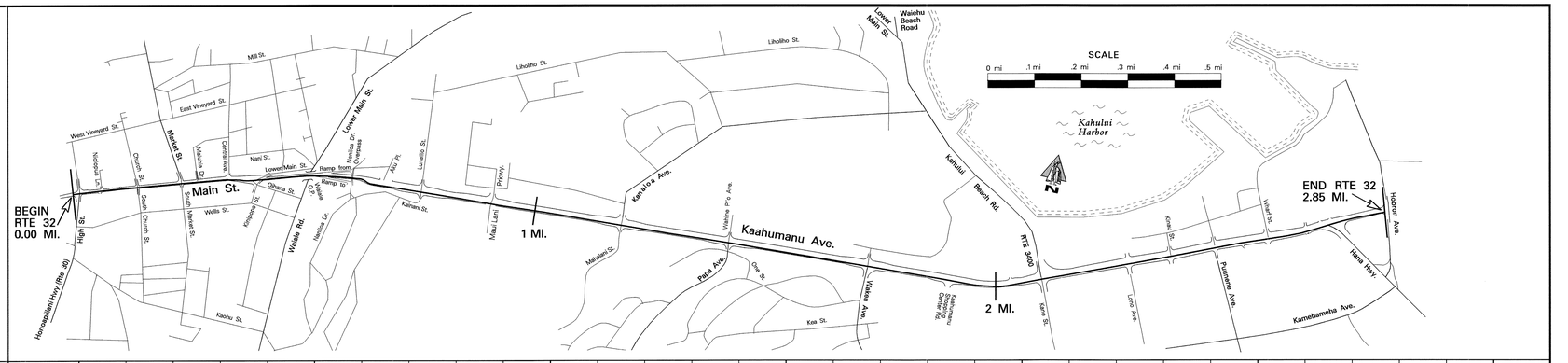
MAIN ST. – KAAHUMANU AVE.

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.

Structure Carrying Road

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

Vertical Clearance
- 34'

Horizontal Clearance
- 14' 10"

Structure and Road

Vertical Clearance
- 45'

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- 50' — 0.00
- 115' – 265' — 2.03
- 125' – 160' — 2.22
- 100' – 145' — 2.69
- 80' – 100'

Available Right of Way Width (Needs Study)
- Urban / Commercial
- 0.78 (Chain Link 50' from Edge of Pavement) 0.89
- Bushes with Slight Cut Slope — 1.75
- Urban / Commercial

Right of Way Fence: Type – Right and Left

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

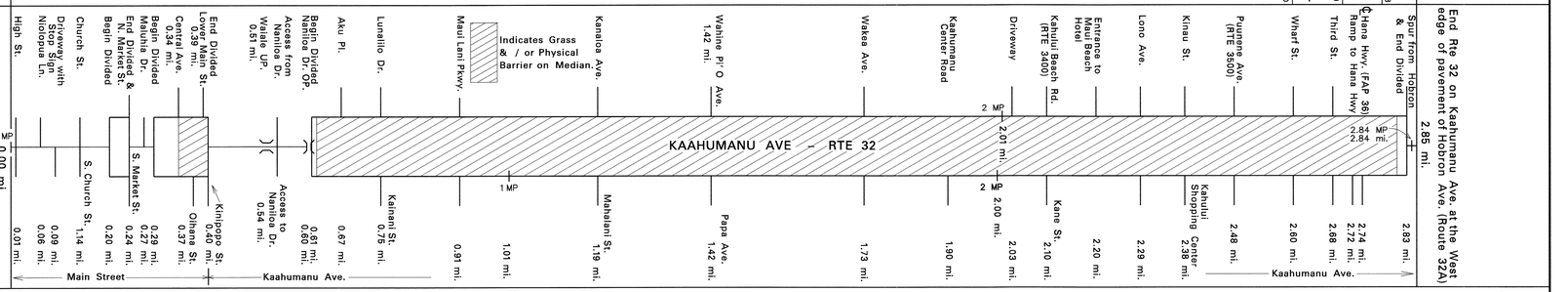
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- State

Project No., Type of Construction, and Year Constructed
- STP-NH-0900(62), RESURF., 2004 — 0.34
- NH-032-1(8), Resurface, 2002 — (38A-01-96M, (R), 1999) (HWY-M-04-97, 1998) — 2.40
- 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) — 0.26 — 8'–10" AC — 0.45 — 0 — 0.54 — 4' AC — 0.66 — 0 — 0.78 — 4'–6' AC — 2.54 — 0 — 2.88 — (4' AC)

Pavement: Width and Type
- 26' AC — 0.09 — 23' AC — 12' AC — 26' AC — 12' AC — 24' AC — 32' AC — 24' AC — 36' AC — 12'–22' AC — 2.72 — (32' AC)

Shoulder: Width and Type
- 0 — 0 — 0 — (14' AC) — 0 — 0.63 — 0 — 4'–8' AC — (0) — 1' AC — 0.90 — 0 — 1.02 — 1' AC — 1.07 — 0 — 1.18 — (2' AC) — 0 — 1.40 — (1' AC) — 0 — 1.59 — 2' AC — 1.80 — (3' AC) — 0 — 1.89 — 2' AC — 1.98 — 0 — 2.88 — 0

Divided Highway

Median: Width and Type
- Conc. Curb — (Conc. Curb & Gutter) — (Conc. Curb) — 4' – 24' Grass (raised) — 4'–24' Trees & Shrubs (Raised) — 4'–24' Grs. (Raised) — (2'–4' Paved)

Shoulder: Width and Type
- 10' AC — 0.65 — (0) — 0 — (3' AC) — 1.21 — 0 — 1.29 — (3' AC) — 0 — 1.42 — (3' AC) — 0 — 1.58 — (3' AC) — 0 — 1.69 — (3' AC) — 0 — 1.89 — (2' AC) — 0 — 2.64 — 1'–6' AC — 2.69 — 0 — 2.78

Pavement: Width and Type
- 12' AC — 12' AC — 11' AC — 0.60 — 24' AC — 1.19 — 36' AC — 1.39 — 24' AC — 1.75 — 36' AC — 2.33 — 24' AC — 2.57 — 14' AC — 28' AC

Shoulder: Width and Type
- 0 — (1'–11") — 0 — 3' AC — 0.35 — 4 – 10' AC — 4'–6' AC — 0 — 1.84 — 4' AC — 2.05 — 0 — 2.84 — 1'–3' AC — 2.93

Number of Traffic Lanes
- 1–15' — 1–12' — 1–14' — 2–12' — 2–11' — 1–10', 1–11' — 2–12' — 4–12' — 2–12' — 3–12' — 4–12' — 2–12' — 3–12' — 6–12' — 3–12' — 2–12' — 1–12' to 22' — (1–18') — 1–14' — (1–14')

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) PL= 8' Parking Lane
- 11' — 10' PL — 10' — 12' — 10' — 10' — 10' — 10' — 10' — 10' — 12' — 10' — 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

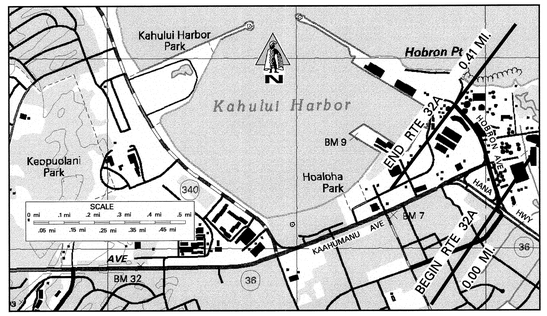
Total Route Length: 0.41 miles

a. Survey Length: 0.41 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



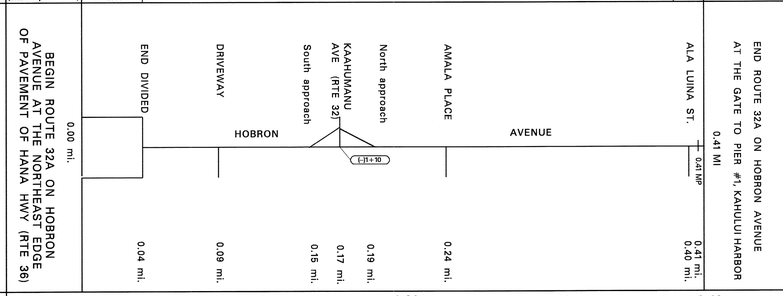
SCALE: (In Miles) 20″ = 1 mile

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.	32A (0.41 MI) — End 32A same as end route.
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed		
Structure Carrying Road — Vertical Clearance		
Structure Carrying Road — Horizontal Clearance		
Structure Over Road — Vertical Clearance		
Structure Over Road — Horizontal Clearance		
Right of Way Width (min.–max.) if varies	80′ (0.22) 50′	
Available Right of Way Width (Needs Study)	COMMERCIAL DISTRICT	
Right of Way Fence: Type – Right and Left	NONE	
Control of Access: 1–None, 2–Partial, 3–Full	NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	5+20 STATE (0.07) STATE PHASE II [-]13+60	
Project No., Type of Construction, and Year Constructed	(0.03) HWY-M-01-05 (R) 2006 (0.39)	COUNTY TO STATE
Project No., Type of Construction, and Year Constructed	(Inter. Improvement) STP-036-1(12) 2000 (0.04) HWY-M-01-91M (R) 1992	

Road Diagram

* 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 (0.38)	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 (0.04) | 6′ AC (0.15) | 12′ Grass (0.17) | 10′–15′ Gravel (0.24) | 6′ AC	
Divided Highway — Median: Width and Type	11′ Painted AC	
Divided Highway — Shoulder: Width and Type	0 (0.04)	
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 (0.16) 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 (0.23) NOT POSTED 20 MPH (2)	
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Station	B74 032A 00000	
HPMS Section	0.10	
AADT (Year 2005)	5,998	(0.41)
	(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	

SCALE: (In Miles) 20″ = 1 mile

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

Date Released
Oct. 2004, G.N.

Revised	
Nov. 06	D.B.

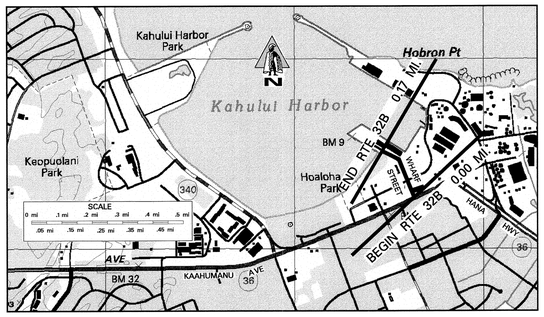
ROAD INVENTORY
MAUI RTE 32B
WHARF STREET

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

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): COMMERCIAL AREA

Right of Way Fence: Type – Right and Left: 0.06 | 0.08 Chain Link Fence

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 0+00 STATE 5+70

Project No., Type of Construction, and Year Constructed: 0.00 HWY–M–01–05M 2006 (R) | LT–M–01–78M (R) | WDR 34(1)

Project No., Type of Construction, and Year Constructed: HWY–M–01–91M 1992 (R) 0.11 | 1979 | 0.14

Road Diagram

* MP = Milepost Signage

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

0.00 MI.

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

0.17 MI.

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

SCALE: (In Miles) 20" = 1 mile

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

Divided Highway — Undivided

Shoulder: Width and Type: 2' AC | 8" AC | 10' AC | 30'–50' AC

Pavement: Width and Type: 24' AC | 26' AC | 36' AC | 42' AC | 44' AC | 34' AC | 36' AC

Shoulder: Width and Type: 2' AC | 4' AC | 0 | 40'–50' AC

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 2–12' | 1–12' 1–14' | 2–18' | 1–28' | 1–14' 1–30' | 1–16' 1–20'

(Right Side): 12' T.L.

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

Sidewalk: Width and Type (Right and Left): 8" CONC | 8" CONC

Curb and/or Gutter: Type (Right and Left): CONC. CURB & AC GUTTER

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBAN

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

Speed: 1–Design, 2–Posted: 20 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B74 032B 00000

HPMS Section: 0.06

AADT (Year 2005): 2,440

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

SCALE: (In Miles) 20" = 1 mile

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

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

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

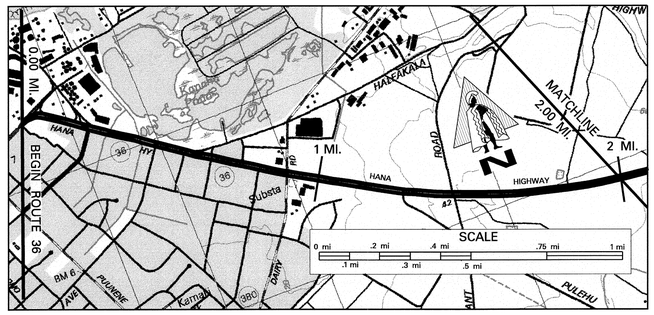
Total Route Length: 16.23 miles

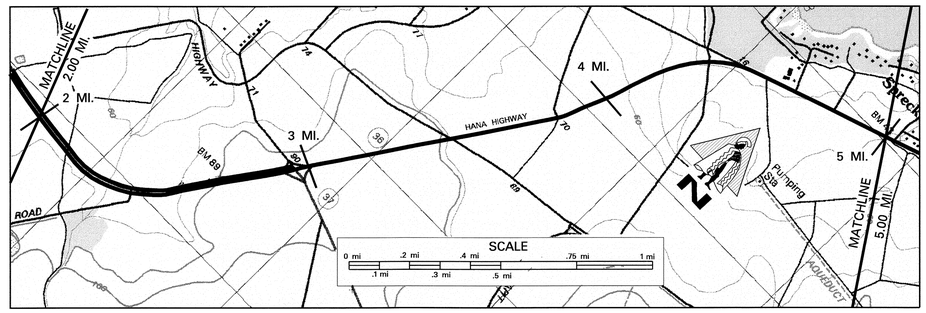
a. Survey Length: 16.23 miles

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)

Structure Carrying Road

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

TEE BEAM 1944 H20 53' — PRESTRESSED CONCRETE GIRDER 1991 HS-20-44

Vertical Clearance — 2.29

Horizontal Clearance — 105'

Structure Over Ring

Vertical Clearance

Horizontal Clearance

KAHULUI URBAN BOUNDARY

Right of Way Width (min.–max.) if varies — 100' – 168' — 4.61 — 60'

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

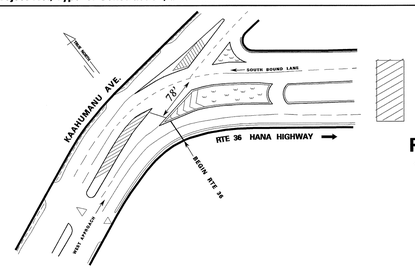
Right of Way Fence: Type – Right and Left — N O N E

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — STP-036-1(12) Inter. Impr., 2000 — S T A T E

Project No., Type of Construction, and Year Constructed — 0.15 — 0.27 — 0.87 — HWY-M-01-96M AREA 3 — 173+65 — 3.22 — 36AB-01-04M, RESURFACE, 2005

Project No., Type of Construction, and Year Constructed — 36A-01-96M (R), 1999 — 1997 — 36AB-01-90M (R) 1991



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

0.00 mi.

HOBRON ST (Rte 32A) — 0.02 mi. — MP 0
ROAD — Kam Ave — 0.19 mi. — 0.27 mi.
WAKEA AVENUE — 0.43 mi.
HANAMAU STREET — Hanakai St — 0.52 mi. — 0.61 mi.
HALEAKALA HWY (Rte 36A) — 0.72 mi.
PAVED ROAD — 0.78 mi.
PAPA AVENUE — 0.87 mi.
DAIRY ROAD (Rte 3800) — 0.95 mi. — 1.07 mi.
PULEHU ROAD — 1.27 mi.
ROAD to Development — 1.42 mi.
CONC. TC & CANE HAUL RD — 1.80 mi.
KALIALINUI BR — 2.01 mi. — 2.29 mi.
HANSEN ROAD — 2.37 mi.
CULVERT — 2.66 mi.
HALEAKALA HWY (Rte 37) — 2.81 mi. — 2.92 mi. — 3.00 mi.
END DIVIDED — 3.21 mi.
KALA STREET CULVERT — 3.39 mi. — 3.44 mi. — 184+95
CANE HAUL RD — 3.79 mi. — 4.01 mi. — MP
BEGIN DIVIDED — 4.22 mi. — 232+70
END DIVIDED / STABLE RD. — 4.34 mi.
BEGIN DIVIDED — 4.40 mi. — 4.43 mi.
ALAKAPA PL — 4.65 mi.
END DIVIDED — 4.73 mi.
BEGIN DIVIDED — 4.84 mi.
NONOHE PL — 5.00 mi. — MP 5

ECB — 1 MP — H A N A — 2 MP — H W Y — ECB — 3 MP

ROUTE CONTINUES 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 — 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 — (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' — (4' AC) — 0' — 0'

Divided Highway — Median: Width and Type — 50' GRASS — VARIES 16'–24' GRASS — 1.29 — VARIES 20' – 24' GRASS — 2.29 — VARIES 10'–20' PAINTED AC — 2.46 — VARIES 10'–14' GRASS — 2.82 — VARIES 12'–20' PAINTED AC — 3.21 — 12' PAINTED AC — 4.22 — 4.40 — 12' PAINTED AC — 4.49 — 4.73 — 4.84 — 12' PAINTED AC

Divided Highway — Undivided

Shoulder: Width and Type — 4' AC — 0.87 — 0' — 0.95 — 6' AC — 0' — 6' AC — 0' — 0' — 0' — 0'

Pavement: Width and Type — 24' AC — TAPER 12'–24' — 3.04 — 12' AC — 12' AC — 12' AC

Shoulder: Width and Type — 6' AC — 0.81 — 0.95 — 10' AC — 2.89 — 8' – 10' AC — 4' 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 — – 1 — + 1 — + 2

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — U R B A N — R U R A L

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — F L A T (1)

Speed: 1–Design, 2–Posted — 30 MPH (2) — 45 MPH (2) — 55 MPH (2) — 45 MPH (2) — 55 MPH (2) — 35 MPH (2) — 45 MPH (2) — (35 MPH (2))

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

Traffic Station — B74 0036 00000 — B74 0036 00019 — B74 0036 00053 — B74 0036 00087 — B74 0036 00292

HPMS Section — 0.12 — 0.33 — 0.67 — 2.01 — 4.02

AADT (Year 2005) — 25,730 — 36,010 — 30,363 — 39,743 — 17,025

DOD Sections

Census Tracts

Functional Classification — PRINCIPLE ARTERIAL

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 — 36AB-01-90M (R) 1991

DANC 8(1) 1945 — HWY-M-01-76M (R) 1976 — DANC 8(1) 1943, 1945 — 36A-01-82 Inter, Impr. 1983 — HWY-M-02-76M (R) 1976 — NRS – 17A 1933

242+00

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

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

19

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

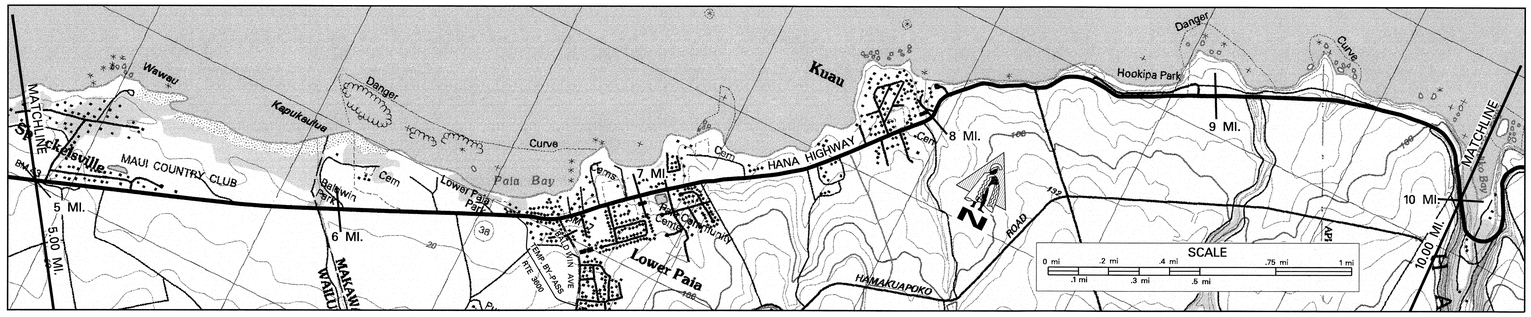
Total Route Length: 16.23 miles

a. Survey Length: 16.23 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

Right of Way Width (min.–max.) if varies	60' (6.50–8.89); 80'–200' (8.89–9.69)
Available Right of Way Width (Needs Study)	1000' CLR – SUGAR CANE FIELD 20' FROM PAVEMENT (6.50); RESIDENTIAL AREA (7.94); 1000' CLR (R) 15' SUGAR CANE FROM PAVEMENT / BEACH (L) (8.89); CLIFFS (9.69)
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-02-04M (R) 2006 (251+00 to 253+81.21); 36AB-01-95M 1998 (R) (253+81.21 to 255+00); 36AB-01-04M, RESURFACE, 2005 (10+28 to 10+04.82); 36AB-01-04M, RESURFACE, 2005 (122+35 to 8.82); STP-036-1(8) RESURFACE 1998
Project No., Type of Construction, and Year Constructed	36AB-01-04M, RESURFACE, 2005; 36AB-01-90M RESURFACE 1991

Road Diagram

* MP = Milepost Signage

ROUTE CONTINUED FROM SHEET # 1 — 5.00 mi.

END DIVIDED (5.11 mi.) — ULUPUA STREET (188+10, 5.28 mi.) — BEGIN DIVIDED (5.90 mi.) — CULVERT (5.91 mi.) — ALAWAI RD (5.97 mi.) — END DIVIDED (6.02 mi.) — 6 MP (6.03 mi.) — ACCESS TO PAIA MINI-BYPASS RD. (RTE 3600) (6.47 mi.) — PAVED ROAD (6.54 mi.) — TEMPORARY PAIA MINI BYPASS ROAD (SEE DIAGRAM ON RTE 36 SHEET 4 OF 4) (0.35 MI.) — AE LANE (6.61 mi.) — BALDWIN AVE (6.70 mi.) — Luna Lane (6.77 mi.) — KUPONO STREET (6.86 mi.) — LOIO PLACE (6.92 mi.) — HOMELANI PLACE (6.97 mi.) — BEGIN DIVIDED (7.03 mi.) — LAE PLACE ROAD (1+40, 7 MP, 7.06 mi.) — END DIVIDED (7.09 mi.) — KU AU PLACE (7.15 mi.) — PAVED ROAD (7.28 mi.) — H A N A (7.32 mi.) — AOLANI PLACE (7.58 mi.) — KAULUA PLACE (7.63 mi.) — Kulani Place (7.70 mi.) — WAA PLACE (7.79 mi.) — KAMAO STREET (7.83 mi.) — MEHA PLACE (7.84 mi.) — ULUMAIKA PLACE (7.99 mi.) — KAIHOLO ROAD (8 MP, 8.02 mi.) — ROAD TO MAMA'S FISH HOUSE (8.06 mi.) — HOLOMUA AVENUE (445+10, 8.36 mi.) — BEGIN DIVIDED (8.44 mi.) — PARK (8.55 mi.) — END DIVIDED (8.61 mi.) — WEST EXIT FROM HOOKIPA PARK — EAST ENTRANCE TO HOOKIPA PARK (8.93 mi.) — H I G H W A Y (9 MP, 9.03 mi.) — PAVED ROAD (9.12 mi.) — PAVED ROAD (9.33 mi.) — ECB (9.53 mi.) — PAVED ROAD (9.54 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); 2'9" Grass (6.47–6.54); 0' (2'4" AC) (6.54–6.61); 2'4" AC (6.61–6.70); 3'9" AC (6.70–6.77); 2'2" AC (6.77–6.82); 6" AC (6.82–6.91); 6' GRASS (7.30); 4' AC (8.05); 6' GRASS (8.06); 4' AC (8.61); 6' AC (8.93)
Pavement: Width and Type	12' AC (5.11); 6'-8" AC (5.11–5.15); 24' AC (5.15–5.91); 12' AC (5.91–6.03); 24' AC (6.03–6.55); 2'4" AC (6.55–6.61); 3'9" AC (6.61–6.70); 2'2" AC (6.70–6.77); 3'4" AC (6.77–6.82); 24' AC (6.82–6.91); 11' AC (6.91–7.15); 22' AC (7.15–8.05); 11' AC (8.05–8.61); 24' AC (8.82–8.93)
Shoulder: Width and Type	0' (5.11); 4' AC (5.15–5.91); 0' (5.91–6.03); 4' AC (6.03–6.55); 0' (6.55–6.70); 4' GRS (6.70–6.77); 4' AC (6.77–6.91); 0' (6.91–7.15); 6' GRASS (7.30); 4' AC (8.05); 6' GRASS (8.06); 0 (8.61); 10' GRASS (8.83); 5' – 6' AC (8.93)

Divided Highway — Divided

Median: Width and Type	12' PAINT AC (5.11); 10' PAINT AC (5.91–6.03); 10' PAINT AC (6.86–6.97); 10' PAINT AC (7.15–8.44); 11' PAINTED AC (8.44–8.61)
Shoulder: Width and Type	0' (5.11); 0' (5.91); 0' (6.03); 0' (6.97); 0 (8.44)
Pavement: Width and Type	12' AC (5.11); 12' AC (5.91); 11' AC (6.97); 11' AC (8.44)
Shoulder: Width and Type	6'-8" AC (5.11); 6'-15" AC (5.91–6.03); (2–12") (6.79); 6' GRASS (6.97); 4' AC (8.44)

Number of Traffic Lanes	2 – 12' (5.11–6.55); 2-11' (6.55–6.68); 1–11' 1–20' (6.68–6.72); 2-11' (6.72–6.79); 2-12' (6.79–6.97); 2 – 11' (6.97–8.82); 2 – 12' (8.82–9.90)
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	(11' 2-WAY (L) TL) (6.55–6.68); (1–11' (L) TL) (6.86–6.88); (11' 2-WAY (L) TL) (6.88–6.97); 1–11' (L) TL (8.49–8.55)
(Right Side)	1–14' (R) TL (6.49–6.55); (1–12' (R) TL) (6.88–6.97)
Frontage Road: No. of Lanes, and Width (Right and Left)	(TO PAIA MINI BY-PASS) (6.49–6.57)
Sidewalk: Width and Type (Right and Left)	6' CONC. CURB (6.57–6.90); CONC. CURB (6.57–7.02); 6' CONC. GUTTER (9.90)
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	METAL ON METAL (6.97–7.02); METAL ON METAL (7.98–8.05); (8.16–8.33); WOOD ON WOOD (8.36–8.49); (METAL RAIL ON CONC. POST) (9.06–9.90)
Illumination: Type, Location and Number	MV (6.46–6.98); METAL ON CONC. (7.98–8.05); (8.16–8.33); (8.36–8.49); (9.06–9.90)
Curves: Degree of Curvature (Right and Left)	NONE
Shoulder Lanes	(OPEN 4-6 PM, EXC. SAT, SUN, HOL.; NO TRUCKS OR BUSES) (6.03–6.55); 1-14" SHOULDER LANE (6.03–6.55)
Grades: % Grade, Positive or Negative	5.17 – 1 (5.45); 5.94 0 (6.02); 9.00 +3 (9.20); 9.81 –3
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	F L A T (1) (5.39–6.41); R O L L I N G (2) (6.78–9.05); MOUNTAINOUS (9.75)
Speed: 1–Design, 2–Posted	35 MPH (2) (5.39); 45 MPH (2) (6.41); 35 MPH (2) (6.48); 20 MPH (2) (6.78); 3 PHASE (6.81); 30 MPH (2); 45 MPH (2) (8.86); 35 MPH (2) (9.84)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Station	B74 0036 00292; B74 0036 00643; B74 0036 00893 (9.15); B74 0036 00953
HPMS Section	8.29
AADT (Year 2005)	17,025; 14,430; 11,469; 10,530
DOD Sections	
Census Tracts	
Functional Classification	MINOR ARTERIAL
National Highway System (NHS)	NONE
Previous Projects: Project No., Date and Limits	36AB-01-90M RESURFACE 1991 (228+00 to 6.01); 36B-02-02, SHLDR. LN., 2005 (255+00 to 6.55); 36AB-01-90M RESURFACE 1991 (6.53 to 6.83); (36AB-01-95M, 1996 (R)); 36AB-01-75 (RESURF) 1975; NRS – 17A 1933; 257+00 (6.42); 36B-02-79 (IMPROV) 1979; JOB # 5213 (7.86); 36AB-01-90M (RESURF) 1991 (8.36); WDRC 14(1) 1948; 8.93 STP-036-1(7) 1997; 36BC – 01 – 82M (RESURF) 1982; F-036-1(1) REVAMP 1961; 8.87 F-036-1(1) 1959

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
Oct. 2004, G.N.

Revised	
Feb. 06	D.B.
Nov. 06	D.B.

ROAD INVENTORY

MAUI RTE 36
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

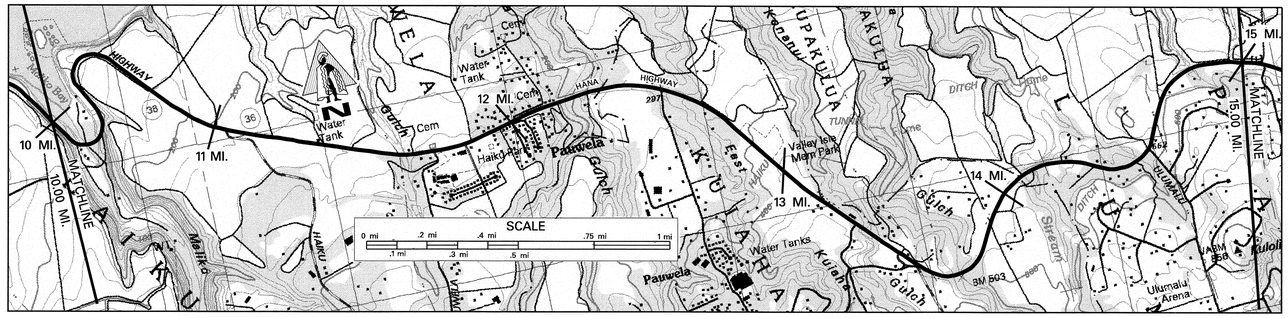
Total Route Length: 16.23 miles

a. Survey Length: 16.23 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

TEE BEAM 1961 205' HS20 | PRESTRESSED CONCRETE GIRDER, HL-93, 2003

Vertical Clearance

28' | 34'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

80' – 200' | 80' – 285' | 80' – 135'

Available Right of Way Width (Needs Study)

CUT SLOPES | CLR 1000' PINEAPPLE 20' FROM PAVEMENT | TREES AND BUSHES | RES. AREA | TREES | CLR 1000' PINE 15' FROM PVMT | 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

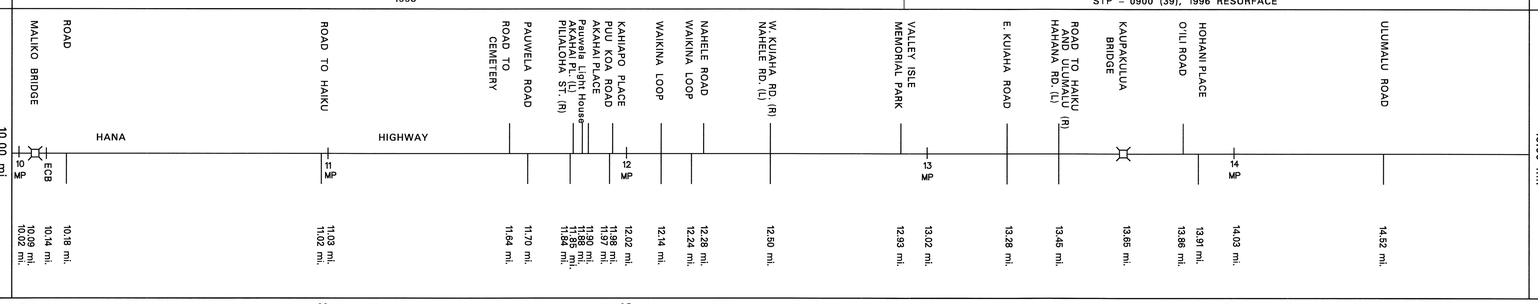
Project No., Type of Construction, and Year Constructed

STP – 036 – 1(8) RESURFACE 1998 | BR-036-1(15), 2003 BRIDGE REPLACEMENT | STP – 0900 (39), 1996 RESURFACE

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

6' AC | 4' – 6' AC | 10' AC | 4' – 6' AC

Pavement: Width and Type

24' AC | 22' AC | 24' AC | 22' AC

Shoulder: Width and Type

5' – 6' AC | 4' – 6' AC | 10' AC | 4' – 6' AC

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2 – 12' | 2 – 11' | 2 – 12' | 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 | 3' CONC. GUTTER | 6' CONC. SWALE

Protective Devices: Type, Location and Number

(CRM WALL) | (METAL RAILS ON CONC. POSTS) | WOOD RAILS ON WOOD POSTS | (METAL ON CONC.) | (WOOD/WOOD) | M/M

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

+ 4 | + 7

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL

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

MOUNTAINOUS | ROLLING

Speed: 1–Design, 2–Posted

35 MPH (2) | 45 MPH (2) | 30 MPH (2) | 45 MPH (2) | NOT POSTED 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station (B74 0036 00953)

B74 0036 01009 | B74 0036 01102 | B74 0036 01170 | B74 0036 01214 | B74 0036 01345 | B74 0036 01391

HPMS Section

10.77 | 11.21 | 11.76 | 13.00 | 13.63

AADT (Year 2005)

10,530 | 7,830 | 6,210 | 6,210 | 6,111 | 3,386

DOD Sections

Census Tracts

Functional Classification

MINOR ARTERIAL

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

STP-036-1(7) 1997

36BC-01-82M 1982 RESURFACE | 0.34 | 36C-01-87M 1987 RESURFACE

F-036-1(1) 1961 REVAMP | F – 32 (2) 1957

F-036-1(1) 1959 | 2+58.86 | 180+79.87 | F – 32 (3) 1951, 1953 | 164+34.19 | 3+34.19 | F – 32 (2) 1946

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Feb. 06	D.B.
Nov. 06	D.B.

ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

STATE OF HAWAII
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PREPARED BY THE
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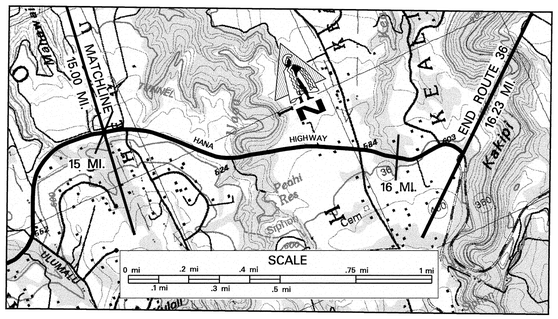
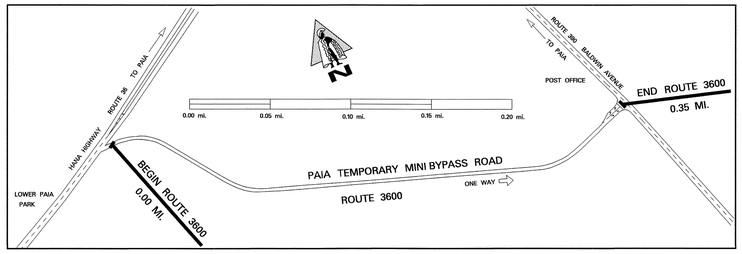
FEDERAL HIGHWAY ADMINISTRATION

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

*



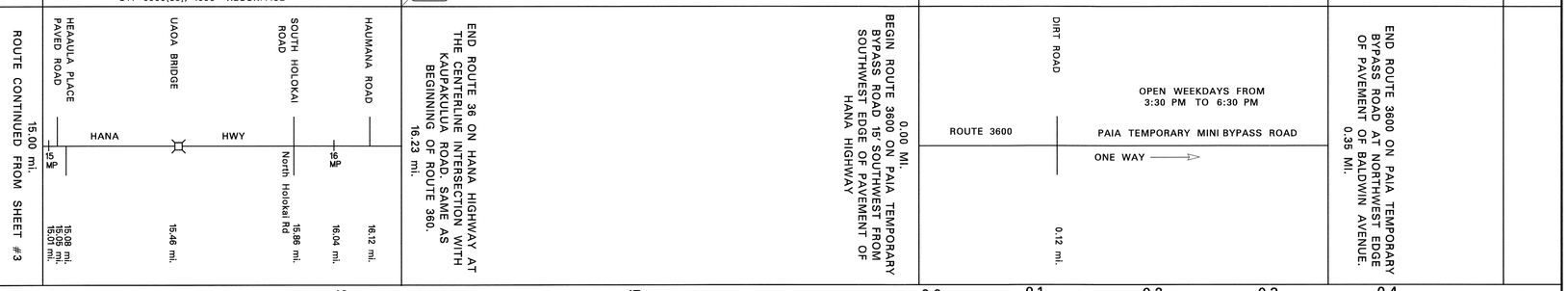


SCALE: (In Miles) 4" = 1 mile

		15	16	17	0	.10	.20	.30	.40	.05
Maintenance Control Sections : Length and Description			36C (5.21 MI)	END 36C SAME AS END ROUTE 36						
Structure Carrying Road	**Bridges (Over 20'): Length, Type, Capacity and Year Constructed**		Prestressed Concrete Girder HL-93, 2002 315'							
	Vertical Clearance									
	Horizontal Clearance		15.36 44'							
Structure Over Road	**Vertical Clearance**									
	Horizontal Clearance									
Right of Way Width (min.–max.) if varies			80' – 135'							
Available Right of Way Width (Needs Study)			CUT SLOPES W/PASTURES & FARMS							
Right of Way Fence: Type – Right and Left										
Control of Access: 1–None, 2–Partial, 3–Full			NONE							
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)			STATE	BR-036-1(14), 2002 Bridge Replacement						
			15.36	15.61						
Project No., Type of Construction, and Year Constructed			STP-0900(39), 1996 RESURFACE	7+00						

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

		15	16	17	0.0	0.1	0.2	0.3	0.4	0.5
Divided Highway	**Undivided**									
	Shoulder: Width and Type		4' – 6' AC				2' AC			
	Pavement: Width and Type		22' AC | 15.36 | 24' AC | 15.61 | 22' AC	NOTE: PAVEMENT WIDTHS INCLUDE TURNING LANES FROM 0.33 MI. TO 0.35 MI.			12' AC | 0.33 | 24' AC			
	Shoulder: Width and Type		4' – 6' AC				2' AC			
	Median: Width and Type									
	Shoulder: Width and Type									
	Pavement: Width and Type									
	Shoulder: Width and Type									
Number of Traffic Lanes			2 – 11' | 15.36 | 2 – 12' | 15.61 | 2 – 11'				1–12'	0.33	2–12'	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)			NONE							
(Right Side)			NONE						0.33	
Frontage Road: No. of Lanes, and Width (Right and Left)			NONE							
Sidewalk: Width and Type (Right and Left)										
Curb and/or Gutter: Type (Right and Left)			(4' CONC. GUTTER) (2' CONC. GUTTER) 15.56 15.61 15.87 15.86 15.98							
Protective Devices: Type, Location and Number			METAL ON METAL 15.57 15.99 16.16	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)				NOT POSTED 0.05 20 MPH (2) 0.21 25 MPH (2)			
Intersection Control Devices: Type, Location and Cycle Timing										
Traffic Station			B74 0036 01391							
HPMS Section			16.07							
AADT (Year 2005)			3,386	16.23						
DOD Sections										
Census Tracts										
Functional Classification			MINOR ARTERIAL							
National Highway System (NHS)										
Previous Projects: Project No., Date and Limits										
			36C–01–87M 1987 RESURFACE 15.09							
			F–32(2) 1957 16.00							
			F–32(2) 1946 137+21.46 ← 0+00							

Date Released
Oct 2004 GN

Revised	
Feb. 06	D.B.
Nov. 06	D.B.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

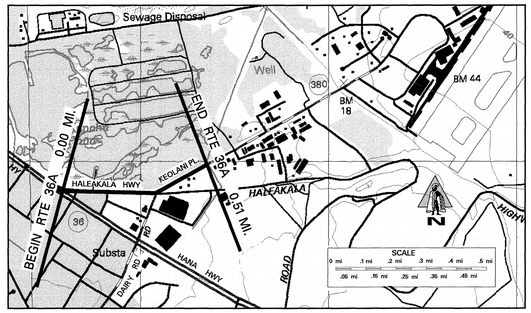
Total Route Length: 0.51 miles

a. Survey Length: 0.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20" = 1 mile

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

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' (0.32)

Available Right of Way Width (Needs Study): BUSHES | COMMERCIAL AREA

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

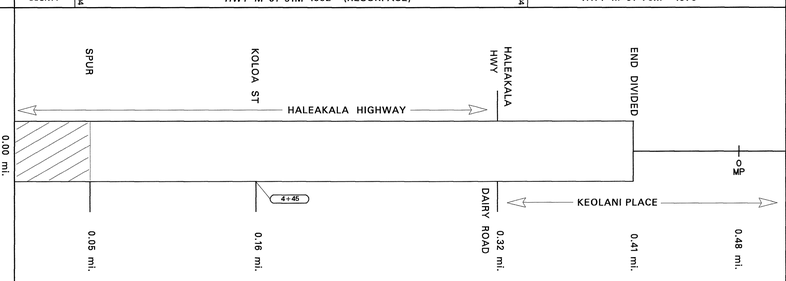
Control of Access: 1–None, 2–Partial, 3–Full: S T A T E (I-30+95 to 12+00)

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): HWY-M-01-05M, RESURF., 2006 (0.05 – 0.30)

Project No., Type of Construction, and Year Constructed: COUNTY (0.04) | HWY-M-01-91M 1992 (RESURFACE) (0.34) | HWY-M-01-76M 1976

Road Diagram

* MP = Milepost Signage



Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 20" = 1 mile

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

Divided Highway – Undivided

- **Shoulder: Width and Type:** 0' (0.04) | 6' AC (0.10) | 6' BP WITH CURB (0.23) | 10' GRASS (0.25) | 6' AC (0.32) | 10' GRAVEL (0.48) | 25' GRAVEL
- **Pavement: Width and Type:** 12' BP | 12' AC | 24' AC | 12' AC | 10' AC (0.41) | 30' AC
- **Shoulder: Width and Type:** 0' | 6' AC | 0.06 | 10' GRS | 0' | 10' GRASS

Divided Highway

- **Median: Width and Type:** VARIES GRASS W/CONC. CURB (0.05) | (0.08) 0' – 12' PAINTED AC
- **Shoulder: Width and Type:** 0'
- **Pavement: Width and Type:** 12' BP (0.05) | 12' AC (0.32) | 20' AC
- **Shoulder: Width and Type:** 0' | 12' GRASS

Number of Traffic Lanes: 2 – 12' | 1 – 10' | 2 – 10' | 1–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (0.16) (0.19) (0.20) 1–10' (0.32)

(Right Side): (0.08) (0.16) (0.35)

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

Sidewalk: Width and Type (Right and Left): (0.17) 6" Concrete Sidewalk (0.29)

Curb and/or Gutter: Type (Right and Left): Conc. Curb (0.05) (0.07) Concrete Curb and Gutter (0.29)

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: U R B A N

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

Speed: 1–Design, 2–Posted: 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B74 036A 00000 (0.10) | B74 036A 00032 (0.45)

HPMS Section

AADT (Year 2005): 10,568 (0.32) | 16,372 (0.51)

DOD Sections

Census Tracts

Functional Classification: MINOR ARTERIAL

National Highway System (NHS)

Previous Projects: Project No., Date and Limits: (0.32) HWY-M-01-76M 1976

COUNTY (0.33) NRS-17A 1933 AND 1934

SCALE: (In Miles) 20" = 1 mile

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

Date Released
Oct 2004 GN
Revised
Sept. 04 D.B
Nov. 06 D.B

ROAD INVENTORY

MAUI RTE 37
HALEAKALA HWY & KULA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

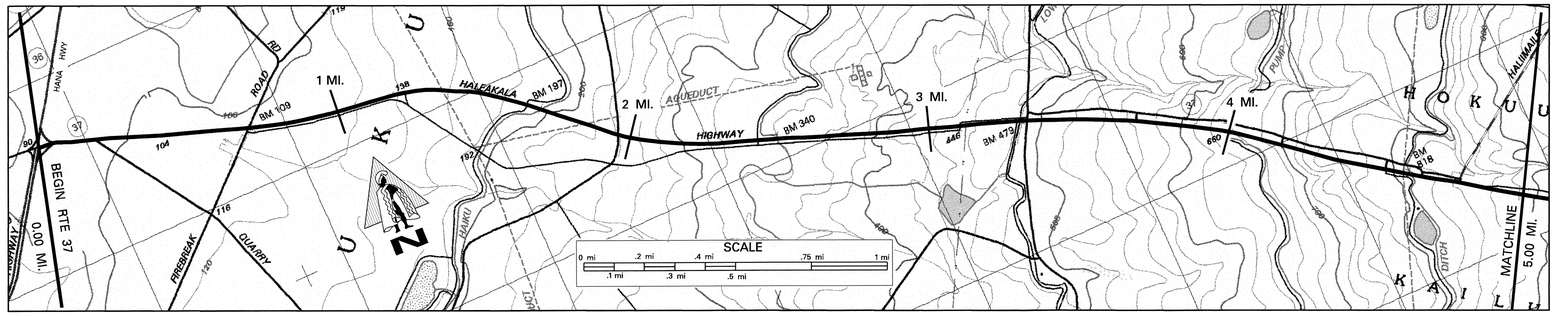
Total Route Length: 21.39 miles

a. Survey Length: 21.39 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Begin 37B on Haleakala Highway at the centerline intersection with Hana Highway

37B (4.76 MI)

End 37B – Begin 37C on Haleakala Hwy at the centerline with Halimaile Road 4.76

Structure Carrying Road

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

Vertical Clearance: 48'

Horizontal Clearance

Structure and Road

Vertical Clearance

Horizontal Clearance

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

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

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

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

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

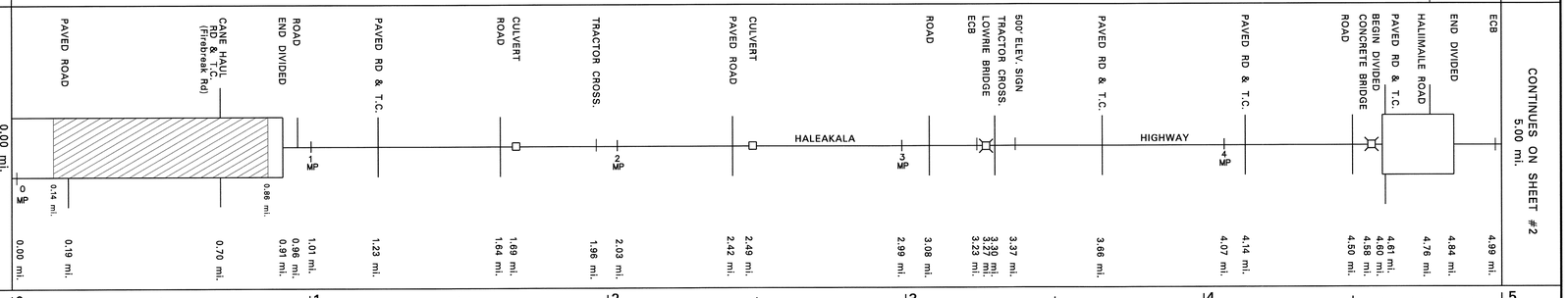
Project No., Type of Construction, and Year Constructed: NH-037-1(22), 2004, HALEAKALA HWY WIDENING (0.04 – 0.91); 37C-02-90, 1993 (4.76)

Project No., Type of Construction, and Year Constructed: 37D-01-90 (TRUCK CLIMBING LANE) 1991; NEW ALIGN.

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 12' AC (0.05) 24' AC 36' AC 12' AC 36' AC

Pavement: Width and Type: 0' (0.14) 4' AC 6' AC 0' 10' AC

Shoulder: Width and Type

Divided Highway

Median: Width and Type: 4'–22' PAINTED AC 16'–28 GRASS (0.70) 16' GRASS FLUSH (0.86) (0.91) (0-16' PAINTED AC) (4.63) 12' PAINTED AC (4.67) 10' 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', 1–12' TRUCK CLIMBING LANE

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–12' AC (0.00) (0.06) (0.19) (0.28) (1–12' (L) TL) (0.70) (0.86) (4.66) 14' (4.67) 12' (4.87)

(Right Side): (4.67) 9' (4.75)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number (M/C = metal rails on concrete post): (1.60) M/C (1.73) (1.76) M/C (1.85) (2.42) M/C (2.43) (2.52) (2.55) M/C (3.20) M/C (3.24) (3.35) (4.52) M/C (4.56) (4.62)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: (0.21) (0.32) –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) RURAL

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

Speed: 1–Design, 2–Posted: 55 MPH (2) (4.66) (4.76) 55 MPH (2)

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

Traffic Station: B74 0037 00000 (0.12) (0.70) B74 0037 00019 (4.58) B74 0037 00476

HPMS Section

AADT (Year 2005): 32,713 (0.19) 29,691 (4.76) 26,827

DOD Sections: DOD 710

Census Tracts

Functional Classification: MINOR ARTERIAL

National Highway System (NHS): N H S

Previous Projects: Project No., Date and Limits: (0.05) (0.10) 36A-01-82 1983 (INTER IMPROV) 37CD-01-80M 1980 (RESURFACE) (0.48) (4.76) (4.92) FAP E-5E 1933 (0.65) (0.08) FAP E-5E 1932 (0.70) F-037-1(7) 1972 (4.94)

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

MAUI RTE 37

HALEAKALA HWY & KULA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

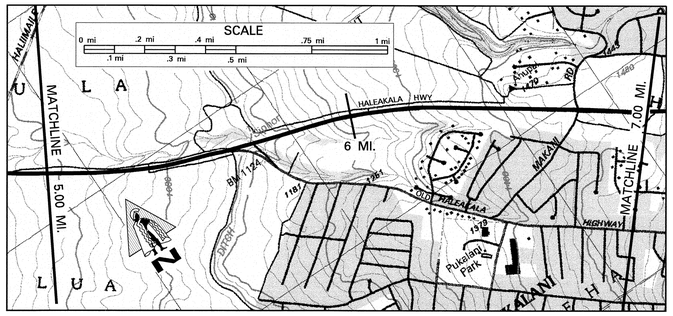
Total Route Length: 21.39 miles

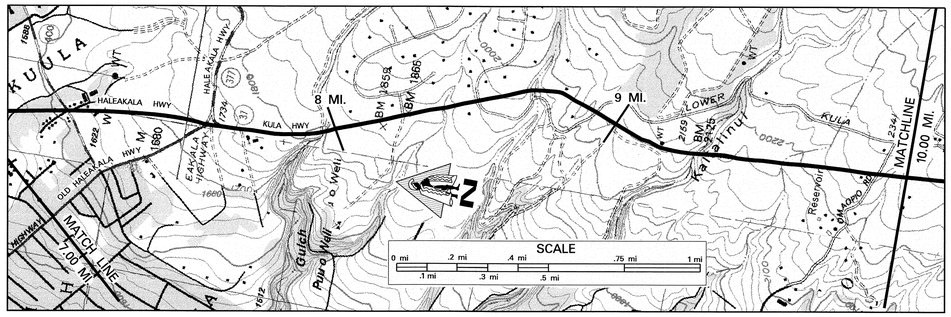
a. Survey Length: 21.39 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

37C (9.25 MI)

Structure Carrying Road

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

CULVERT (2–10')
1964 HS–20
40'

PRESTRESSED BEAM
1964 HS–20
324'

Vertical Clearance

24'

28'

Structure and Road

Horizontal Clearance

8.17

9.40

Vertical Clearance

Horizontal Clearance

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

140' – 200'

90' – 270'

Available Right of Way Width (Needs Study)

5.10 PASTURE AND RANCH LANDS 7.91

8.56 9.27 9.38 9.74 9.86

Right of Way Fence: Type – Right and Left

ALL WIRE ON WOOD

8.88 8.88 9.02 9.07 9.41

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

NONE

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

STATE

37C-01-97, 1998

Project No., Type of Construction, and Year Constructed

37C–02–90, 1993 NEW ALIGNMENT 5.66 6.72 6.88 2.80 7.91

37C–01–92 1993 NEW ALIGNMENT (PHASE II)

37CD–01–02M, REPAIR & MAINT., 2004

Project No., Type of Construction, and Year Constructed

STP–037–1(18) RESURFACE 1994 8.34

STP–037–1(21) RESURFACE 1999

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET # 1 — 5.00 mi.

PAVED ROAD 5.03 mi.
OFF RAMP to old hwy 5.29 mi.
ON RAMP from old Haleakala Hwy BEGIN DIVIDED 5.50 mi.
END DIVIDED 5.56 mi.
PAVED ROAD & T.C. 5.64 mi.
5 MP
HALEAKALA HIGHWAY
BEGIN DIVIDED ROAD 5.85 mi.
MAKANI ROAD 6.04 mi.
END DIVIDED 6.07 mi.
BEGIN DIVIDED PAVED ROAD 6.50 mi.
END DIVIDED ECB 6.54 mi.
6 MP
MAKAWAO AVE (RTE 365) 6.73 mi.
BEGIN DIVIDED PAVED ROAD 6.86 mi.
Road to WATER TANK 6.92 mi.
END DIVIDED 6.99 mi.
7 MP
T.C. ROAD BEGIN DIVIDED 7.08 mi.
HALEAKALA HWY 7.23 mi.
Kula Jct. 7.43 mi.
OLD HALEAKALA HWY 7.60 mi. 7.59 mi.
KING KEKAULIKE HIGH SCHOOL 7.76 mi.
KULA
ECB 8.00 mi.
HAAKAKAI BRIDGE 8.11 mi.
8 MP
A'APUEO STREET 8.17 mi.
END DIVIDED 8.18 mi.
OHANA STREET 8.27 mi.
HOOPALUA DRIVE 8.37 mi.
HIGHWAY 8.41 mi.
NOHOLOA STREET 8.67 mi.
OLD LOWER KULA ROAD 8.93 mi.
ECB 9.06 mi.
PAVED ROAD 9.17 mi.
9 MP
KALIALINUI BRIDGE 9.26 mi.
PAVED ROAD 9.28 mi.
DRIVEWAYS 9.40 mi.
9.56 mi.
9.86 mi.

CONTINUES ON SHEET #3 — 10.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type

10' AC | 10' AC | 10' AC | 10' AC | 2' AC 8' AC | 10' AC | 2' AC 24' AC | 10' AC 7.78 | 6' AC

Pavement: Width and Type

36' AC | 12' AC | 36' AC | 12' AC | 8' AC | 12' AC | 24' AC | 12' AC | 24' AC

Shoulder: Width and Type

10' AC | 0' | 10' AC | 0' | 2' AC | 0' | 2' AC | 0' | 6' AC

Median: Width and Type

5.84 8' PAINT AC 5.85 | 6.34 | 12' PAINT AC 6.92 | 6.99 | 12' PAINT AC 7.47 | 7.89 | 12' PAINT AC 8.27

Shoulder: Width and Type

0' | 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'
1–12' AND 1–12' TRUCK CLIMBING LANE

2 – 12'

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

6.59 12' 6.72 12' 6.84 12' 7.13 12' 7.22 12' 7.24 12' 7.65 12' 7.78 12' 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

5.68 5.85 5.89 M/M 7.22 7.42 7.44 M/M 7.71 7.85 7.89 7.78 8.20 8.51 8.19 8.42 8.47 8.50 8.54 8.55 8.85 8.85 8.88 9.05 9.11 9.21 9.32 9.35 9.86 M/C

M/M

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

8.18 –4 8.33 8.58 –3 8.79 9.02 –5 9.15 9.46 –3 9.83

~~Vertical Curve: Crest or Sag, Curve Limits~~ CONTRA FLOW LANES

CONTRA FLOW 5:30 – 8:30 AM ⟵ TRAFFIC 5.64

Area and Development:

RURAL 5.50 | U R B A N | 9.40 RURAL

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

FLAT → 5.05 R O L L I N G

Speed: 1–Design, 2–Posted

45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

3 PHASE 7.23 7.78 3 PHASE

Traffic Station

B74 0037 00476 | B74 0037 00564 | B74 0037 00776 | B74 0037 00940

HPMS Section

5.41 | 6.86 | 9.11 | 9.84

AADT (Year 2005)

26,827 5.64 | 12,841 7.78 | 26,650 9.40 | 12,079

DOD Sections

7.15 DOD 705 7.52 DOD 700

Census Tracts

Functional Classification

MINOR ARTERIAL 7.78 MAJOR COLLECTOR

National Highway System (NHS)

N H S 6.65

Previous Projects: Project No., Date and Limits

37C–02–90 1993 (NEW ALIGNMENT)
37C–02–82 INTER. IMPROV, 9.04 STP–037–1(19) 1996 (6" SHLDR & GUARD RAILS)
37C–01–81M 1981 (RESURFACE) 6.70 7.54 37C–01–88M 1988 RESURFACE
37C–01–91 1992 RIGHT TURN LANE 6.43 6.54 7.57 37CD–01–80M 1980 RESURFACE 9.35 BF–037–1(1) 1962
WDRC 14(1) 1948 7.15 FAP 5B 1929 7.43 RF–037–1(14) 1970 7.60

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.

ROAD INVENTORY

MAUI RTE 37
HALEAKALA HWY. & KULA HWY.

STATE OF HAWAII
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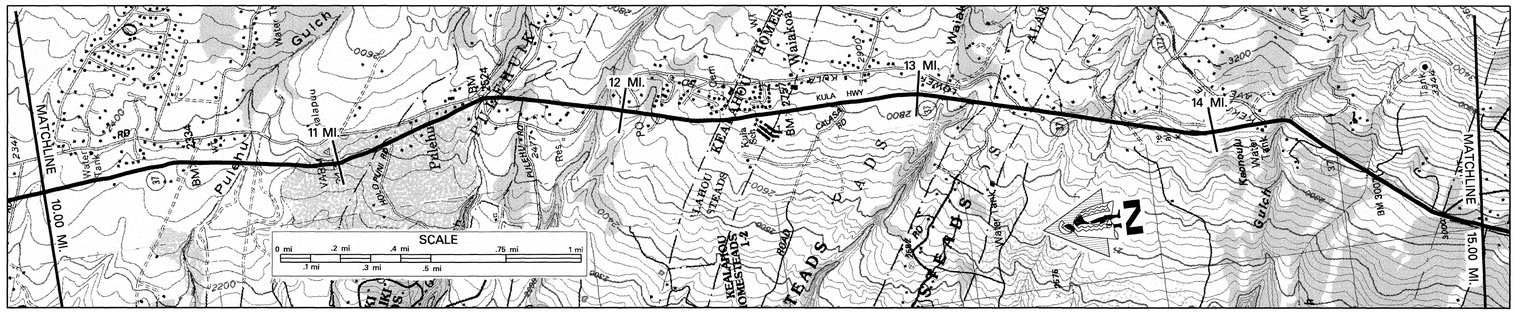
Total Route Length: 21.39 miles

a. Survey Length: 21.39 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*


MATCHLINE
10.00 MI.
11 MI.
12 MI.
13 MI.
14 MI.
MATCHLINE
15.00 MI.
SCALE
0 mi .2 mi .4 mi .75 mi 1 mi
.1 mi .3 mi .5 mi
KULA HWY
KEALAHOU HOMESTEADS
KEAHUAIWI
KEOKEA
KEOKEA HOMESTEADS
KEOKEA BEACH
KEOKEA BEACH PARK
KAMAOLE
KAMAOLE BEACH PARK
WAILEA
WAILEA BEACH
WAILEA GOLF COURSE
ALAE
KAHOUPI
KAHOUPI GULCH
KAMAOLE GULCH
PUUHELU
PUUHELU GULCH
PALAUEA
PALAUEA GULCH
WAIAKOA GULCH
WAIAKOA
WAIAKOA GULCH
ROBERTS
ROBERTS GULCH
KEALAHOU GULCH
KEALAHOU STEADS
KEALAHOU HOMESTEADS
KEALAHOU
KEALAHOU GULCH
KEAHUAIWI
KEAHUAIWI GULCH
KEAHUAIWI GULCH
KEAHUAIWI
KEAHUAIWI GULCH
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KEAHUAIWI GULCH
KEAHUAIWI

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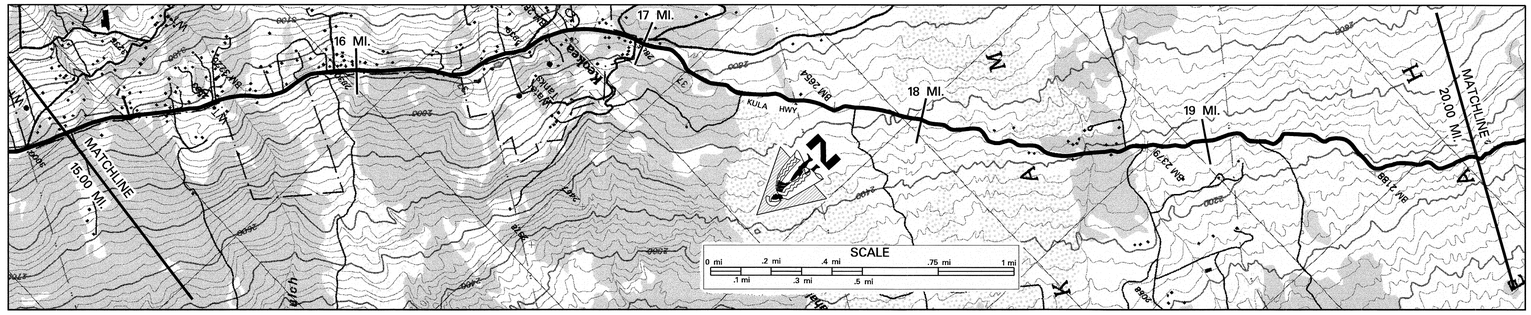


SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Maintenance Control Sections : Length and Description

37D (2.77 MI)

17.00 End 37D on Kula Hwy, at the centerline intersection w/ Kula Sanitorium Road

Structure Carrying Road

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

RC DECK GIRDER 1933, H-15 — 23' — 25'

Vertical Clearance

Horizontal Clearance

22' — 22'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

60'

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

All fences: Wire on Wood unless indicated

RESIDENTIAL (15.86, 16.26, 16.52, 16.48) | STONEWALL (17.16, 17.67, 17.80) | WIRE / WOOD AND STONEWALL (17.03, 18.52) | BRUSH AND PASTURE LAND (18.60, 18.67, 18.78)

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

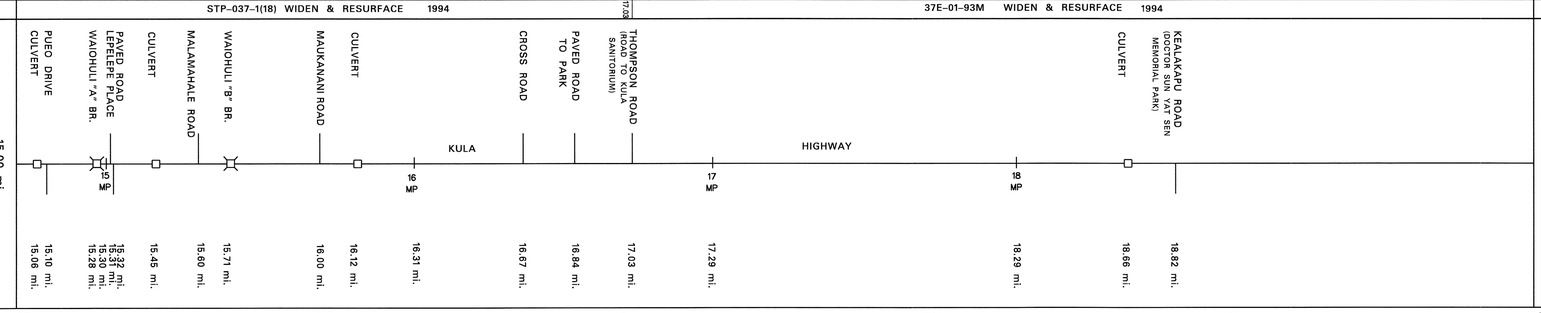
37CD-01-02M, REPAIR AND MAINTENANCE, 2004 (17.29)

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



CONTINUED FROM SHEET #3

CONTINUES ON SHEET # 5

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Divided Highway — Undivided

Shoulder: Width and Type

2' – 6' AC

Pavement: Width and Type

22' AC (17.03) 18' AC

Shoulder: Width and Type

2' – 6' AC 2' AC

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2 – 11' (17.03) 2 – 9'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

ALL GUTTERS 2' AC

Protective Devices: Type, Location and Number

ALL GUARDRAILS METAL ON METAL

Illumination: Type, Location and Number

INCANDESCENT

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

16.11 – 1 16.29

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL

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

ROLLING

Speed: 1–Design, 2–Posted

35 MPH (2) (16.73) NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

B74 0037 01497 (16.91) B74 0037 01703 (17.95)

HPMS Section

AADT (Year 2005)

2,570 (17.03) 1,400

DOD Sections

Census Tracts

Functional Classification

MAJOR COLLECTOR

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

37D-01-75 1978 (WIDEN AND RESURFACE) (17.03)

FAP 13A, 1932 (16.84) FAP E-13A 1932 (17.01) COUNTY

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.

ROAD INVENTORY

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STATE OF HAWAII
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FEDERAL HIGHWAY ADMINISTRATION

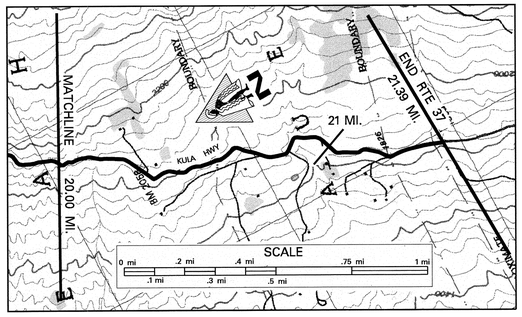
Total Route Length: 21.39 miles

a. Survey Length: 21.39 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*

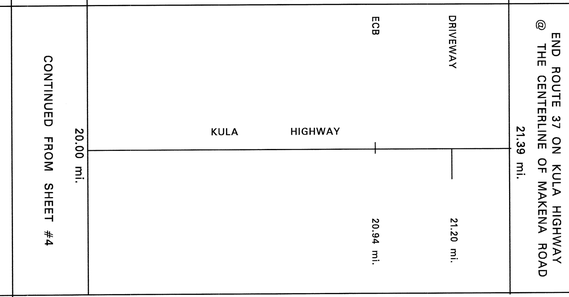


SCALE: (In Miles) 4" = 1 mile		20 21 22 23 24 25
Maintenance Control Sections : Length and Description		
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
	Vertical Clearance	
	Horizontal Clearance	
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		60'
Available Right of Way Width (Needs Study)		BRUSH AND PASTURE LAND
Right of Way Fence: Type – Right and Left		WIRE ON WOOD / 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
	Pavement: Width and Type	18' AC
	Shoulder: Width and Type	2' AC
	Median: Width and Type	
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
Number of Traffic Lanes		2 – 9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		
(Right Side)		
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		
Curb and/or Gutter: Type (Right and Left)		
Protective Devices: Type, Location and Number		
Illumination: Type, Location and Number		
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		ROLLING
Speed: 1–Design, 2–Posted		NOT POSTED
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Station		B74 0037 01703
HPMS Section		
AADT (Year 2005)		1,400 21.39
DOD Sections		
Census Tracts		
Functional Classification		MAJOR COLLECTOR
National Highway System (NHS)		
Previous Projects: Project No., Date and Limits		COUNTY
SCALE: (In Miles) 4" = 1 mile		20 21 22 23 24 25

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

ROAD INVENTORY

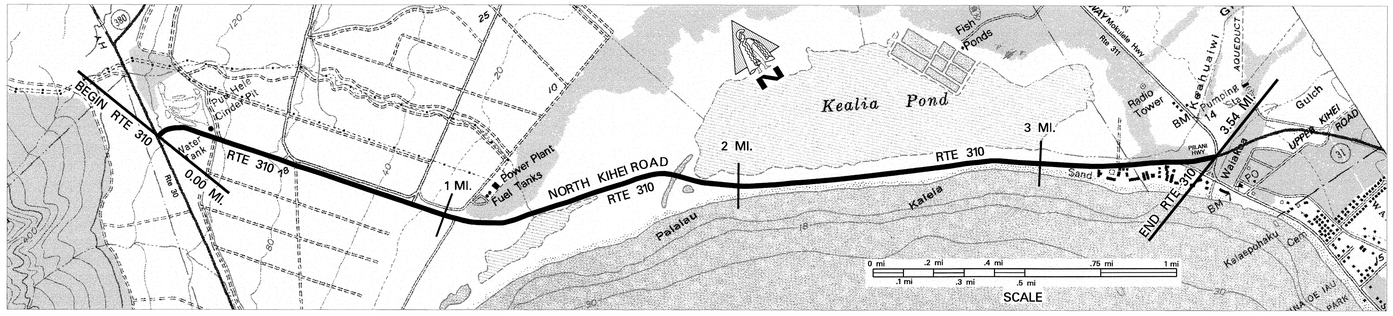
MAUI RTE 310
NORTH KIHEI ROAD, PIILANI HWY

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

0 | 1 | 2 | 3 | 4 | 5

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 — 3.54

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

0.09 0.16

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

200′ | 130′ | 0.87 60′ | 40′ | 3.34 105′ | 3.41 120′ – 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

1.06 Wire 1.34 | 1.82 Wire 2.04 | 2.69 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

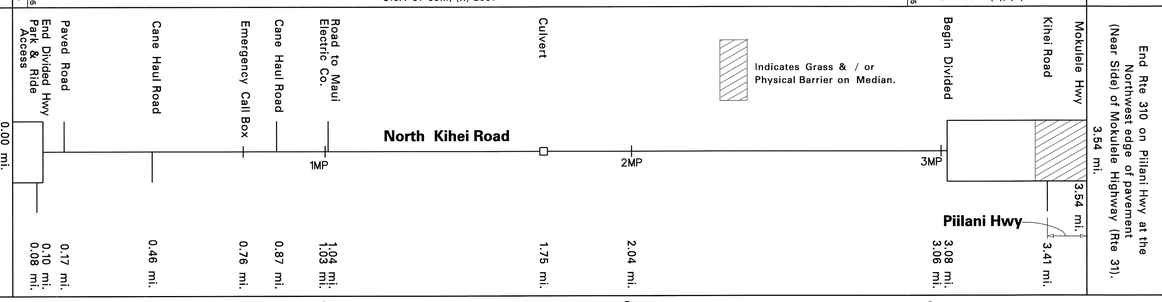
[BR-NH-030-1(24) New Alignment, 2002]

Project No., Type of Construction, and Year Constructed

[310A-01-91M (R) 1992] — 0.05 310A–01–00M, (R) 2001 — 2.95 STP–031–1(8), (R) 1996

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway — Undivided

Shoulder: Width and Type

10′ AC 0.15 | 6′ AC | 10′ AC

Pavement: Width and Type Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10

(42′ AC) — 36′ AC | 24′ AC | 22′ AC | 12′ AC

Shoulder: Width and Type

0.03 0 | 10′ AC | 6′ AC | 0′ | 2′ AC

Divided Highway — Median

Median: Width and Type

0′–10′ Painted AC 0.03 | 3.08 0′–12′ Painted AC 3.37 | 8′–12′ Grass w/ Raised Curb

Shoulder: Width and Type

0.00 0 | 0′

Pavement: Width and Type Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10

(16′ AC) — 24′ AC — (12′ AC) | 12′ AC

Shoulder: Width and Type

10′ AC 0.08 0.15 | 10′ AC

Number of Traffic Lanes

(3-14′) (1-16′) 3-12′ (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 0.04 0.09 | 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 | 2.25 | 2.38 0 | 2.76

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Rural | 1.75 Urban

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

Speed: 1–Design, 2–Posted

3.02 45 MPH (2) | 3.10 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

0.00 3 Phase | 3.10 3.54 3 Phase

Traffic Station

B74 0310 00000 | B74 0310 00175 | B74 0310 00310

HPMS Section

0.76 | 2.04 | 3.25

AADT (Year 2005)

18,332 | 1.75 12,060 | 3.10 17,923 3.54

DOD Sections

Census Tracts

Functional Classification

Minor Arterial

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

310A–01–91M (R), 1992
HWY–M–02–76M (R) 1976
WDRC 14(1) 1948

County | 3.32 [TQF–RF–031–1(6), 1981 (New Construction)]

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
July 2002, DB
Revised
Aug. 04 D.B.
Nov., 06 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

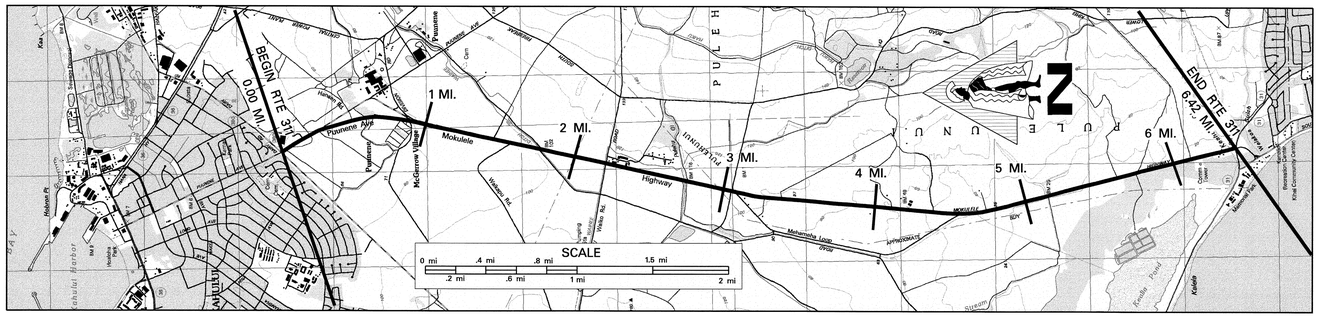
Total Route Length: 6.42 miles

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

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

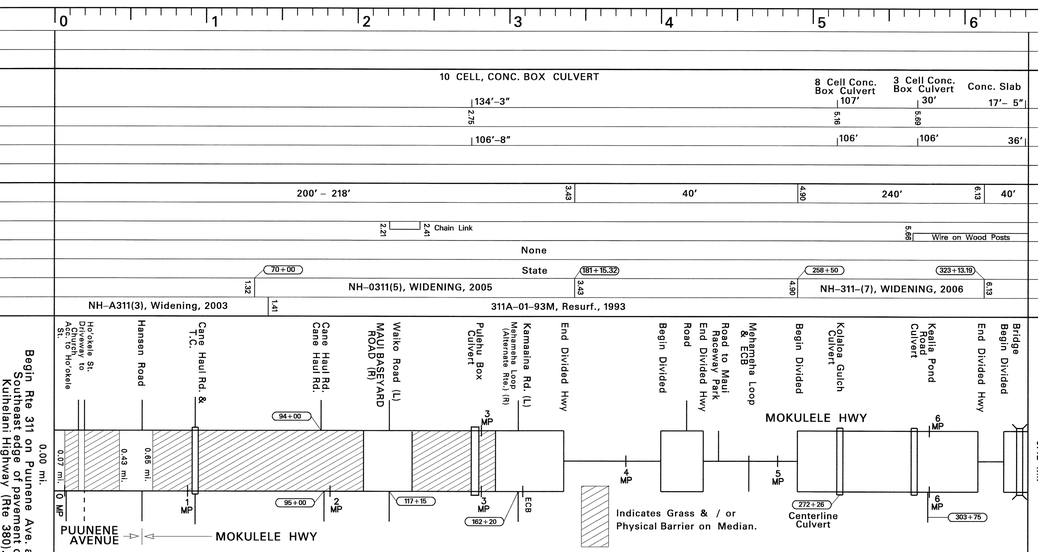
Right of Way Fence: Type – Right and Left

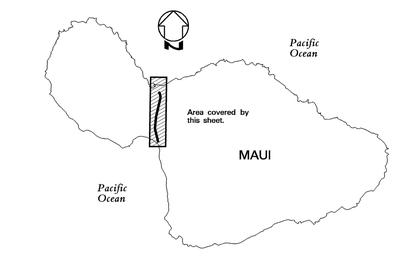
Control of Access: 1–None, 2–Partial, 3–Full

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

Project No., Type of Construction, and Year Constructed

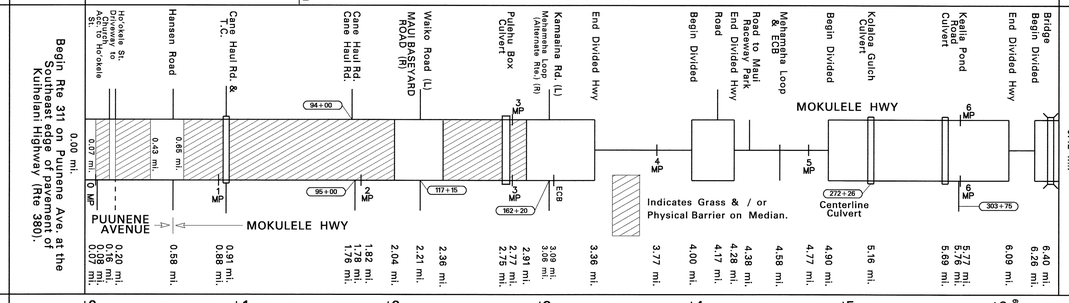
Project No., Type of Construction, and Year Constructed





Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Median: Width and Type

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) (All Turning Lanes 12')

(Right Side) (All Turning Lanes 12')

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

Sidewalk: Width and Type (Right and Left)

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

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

Traffic Station

HPMS Section

AADT (Year 2005)

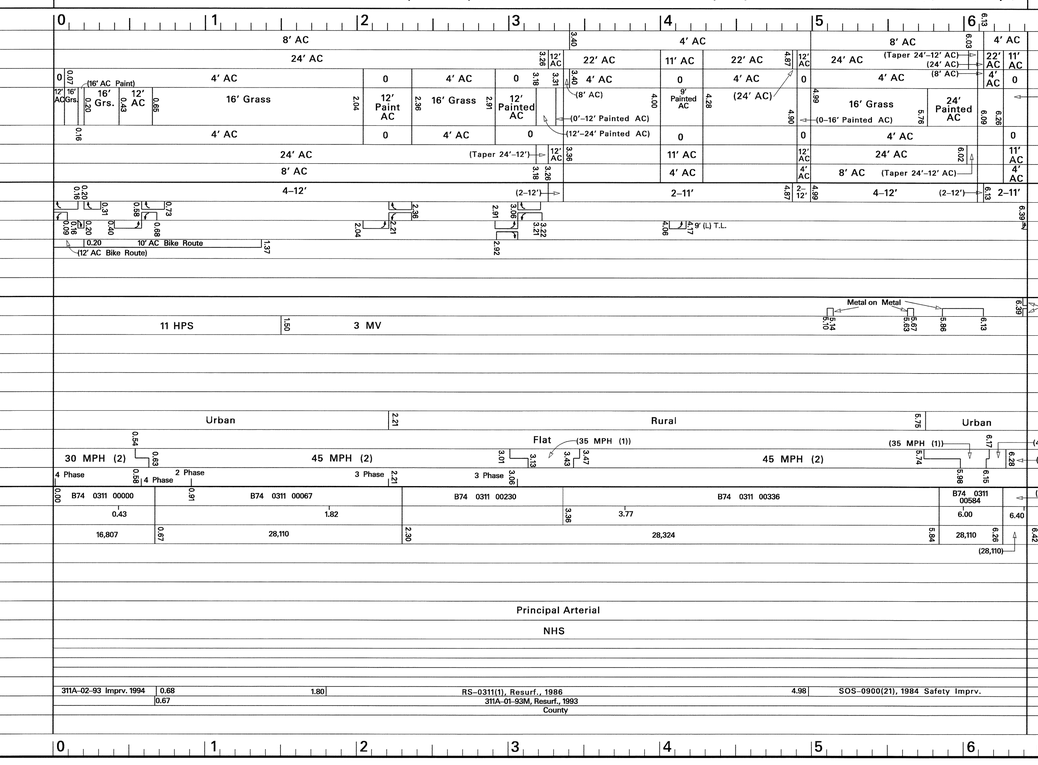
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 2" = 1 mile

Date Released
Feb 2004, D.B.

Revised	
May 04	D.B.
Sept 04	D.B.
Feb., 06	D.B.
Nov., 06	D.B.

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

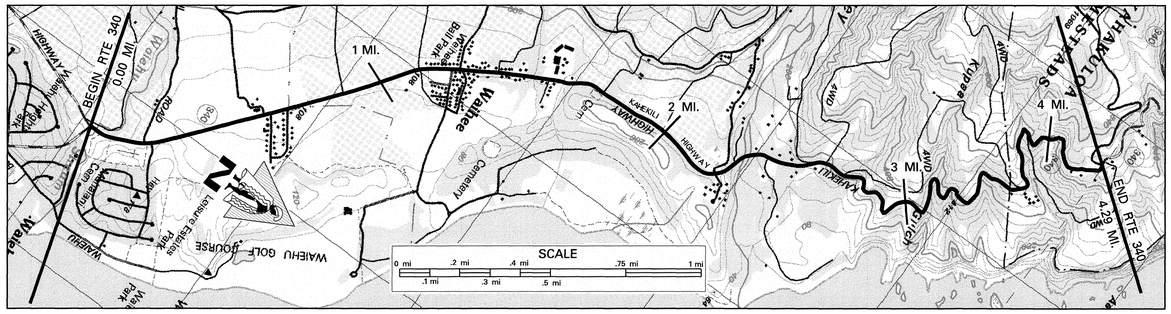
Total Route Length: 4.29 miles

a. Survey Length: 4.29 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*


BEGIN RTE 340
0.00 MI.
1 MI.
2 MI.
3 MI.
4 MI.
END RTE 340
4.29 MI.
Waiehu Beach Rd.
Waiehu Golf Course
Waiehu Beach Park
Waiehu Kou Ave.
Waiehu Kou Circle
Waiehu Kou Place
Waiehu Kou Loop
Waiehu Kou Place
Waiehu Kou Ave.
Waiehu Kou Circle

ROAD INVENTORY

MAUI RTE 360
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

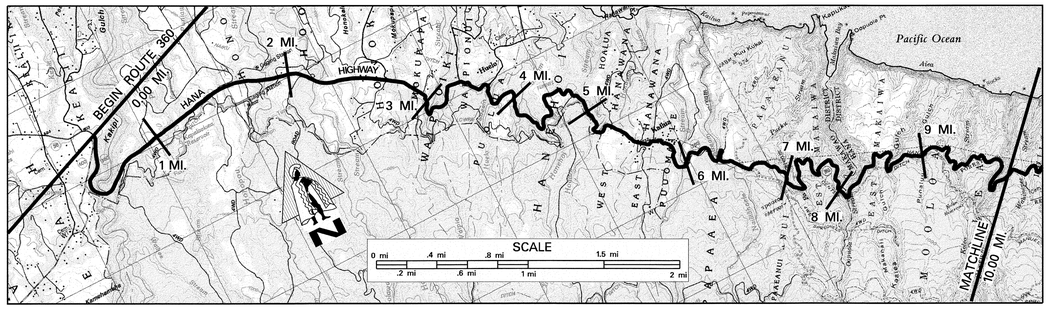
Total Route Length: 34.93 miles

a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

| | | |

ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY

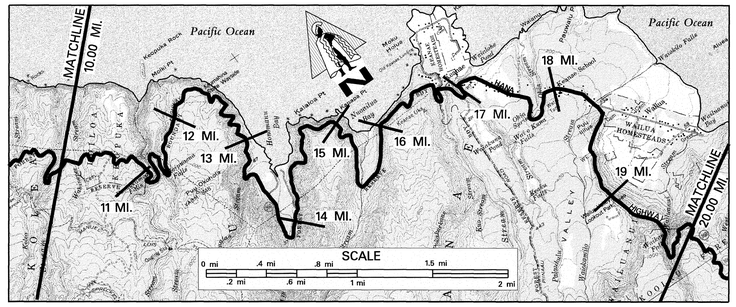
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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.)

Structure Carrying Road

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

| | | |

ROAD INVENTORY

MAUI RTE 360
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

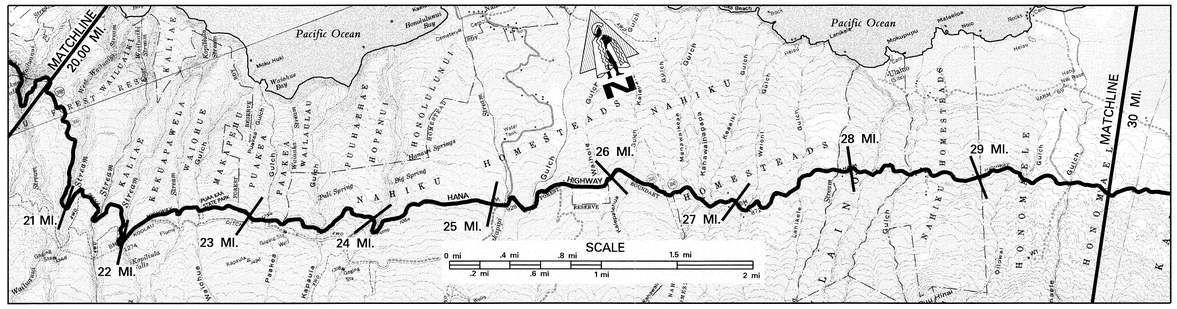
Total Route Length: 34.93 miles

a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

360 B (16.57 mi.)

Structure Carrying Road

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

| | | |

ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY & KEAWA PLACE

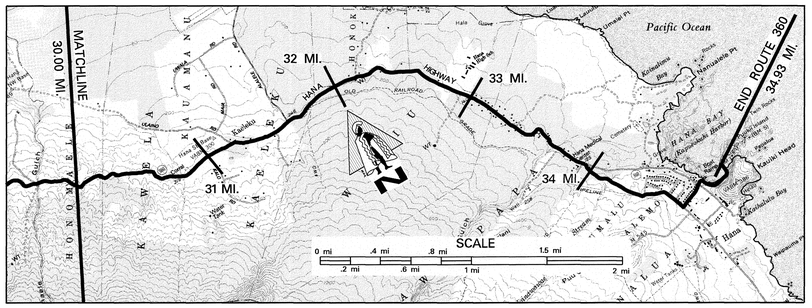
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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.

Structure Carrying Road

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

Tee Beam – H20 1947

Vertical Clearance

73′ (23.44)

Horizontal Clearance

26′

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

40′

Available Right of Way Width (Needs Study)

Bushes & Trees | Res. Area | Clr. 1000' from Pasture Pvmt. 15' | Res. Area

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

Wire | W/W | Wood | Various | None | W/W | Chain Link | Wire on Wood

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

Wood | None | State

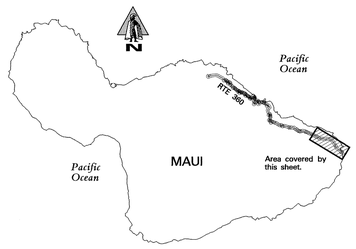
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

(360B-01-80 (improv.) 1981) | (ER-12(5) (Roadway Repairs) 2002)

Project No., Type of Construction, and Year Constructed

360B-01-96M (Resurf.) 1997 | 360B-01-91M (Resurfacing) 1991 | (360B-02-93M (Storm Drain Repair) 1993) | (360B-01-83M (Resurface) 1983)



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #3.

Bridge | Bridge | Culvert | Bridge | Kalo Rd. | Ulaino St. | Culvert | Kaeleku Pl. | Alalele Pl. (Rd. to Hana Airport) | Olopawa Rd. | To Waianapanapa State Park | Hana High School | Hana Elementary School | Hana High School | Waikoloa Rd. Disposal Site) | Helani Gardens Kawaipapa Br. | Hana Med. Center | Driveway to County Offices | Fire Sta. 33.78 mi. | Bridge | Pa'animai Park | Kauiki St. | Keanini Dr. | Alau St. | Keawa Pl. (L) | Culvert | Uo Kea Rd.

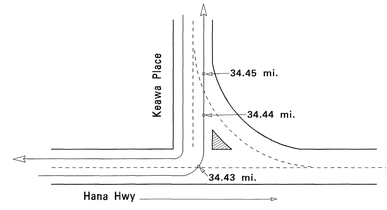
HANA HIGHWAY — KEAWA PLACE

31 MP | 32 MP | 33 MP | 34 MP

30.09 mi. | 30.20 mi. | 30.50 mi. | 30.57 mi. | 30.79 mi. | 30.88 mi. | 30.99 mi. | 31.17 mi. | 21.27 mi. | 31.38 mi. | 31.54 mi. | 31.87 mi. | 31.92 mi. | 32.59 mi. | 32.68 mi. | 32.84 mi. | 33.14 mi. | 33.44 mi. | 33.47 mi. | 33.68 mi. | 33.78 mi. | 33.89 mi. | 34.08 mi. | 34.15 mi. | 34.31 mi. | 34.43 mi. | 34.61 mi. | 34.64 mi.

Hana angle point

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



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type

0–2′ Grs. | 2′–4′ Grs. | 8′–10′ Grass | 2′ Grass | 0 | 6′–8′ Grass | 0–2′ Grass | 6′–10′ Grass | 0 | 4′–6′ AC

Pavement: Width and Type

18′ AC | 24′ AC | 18′ AC | 16′ AC | 18′ AC | 16′ AC | 20′ AC

Shoulder: Width and Type

0–2′ Grs. | 2′–4′ Grs. | 8′–10′ Grass | 2′–4′ Grass | 0–2′ Grass | 2′–4′ Grass | 20′ AC

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2–9′ | 2–12′ | 2–9′ | 2–8′ | 2–9′ | 2–8′ | 2–10′

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

(3′ AC Sidewalk) | AC Sidewalk | 6′ | 4′ | 6′ | 4′ | (Conc. Gutter) | (Conc. Curb) | (Wood Rail on Conc. Post)

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

AC Roll Curb | AC Roll Curb | Masonry Wall

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

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

Traffic Station

B74 0360 01939 | B74 0360 03127 | B74 0360 03259

HPMS Section

31.87 | 33.89

AADT (Year 2005)

1,680 | 31.27 | 2,294 | 32.59 | 1,680 | 34.93

DOD Sections

Census Tracts

Functional Classification

Major Collector

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

30.58 | 360B-01-91M (R) 1991 | 34.61

32.66 | 360B-01-88 (Walkway) 1988

360B-01-80 (Improv.) 1981 30.58 | 31.38 | 360B-01-75 (R) 1975 | 32.95 | 33.41 | 33.50 | 33.68 | 360B-01-83M (Resurface) 1983

County (FAP 58(1), 1947)

SCALE: (In Miles) 2" = 1 mile

Date Released
Oct 2003, D.B.

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

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

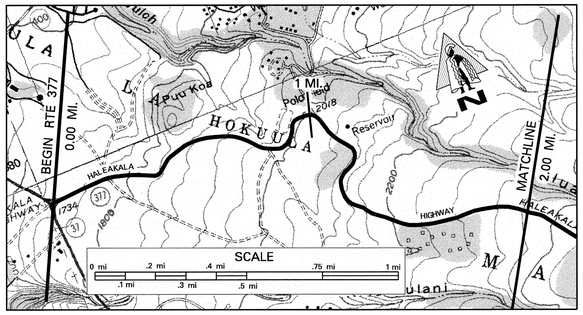
Total Route Length: 9.17 miles

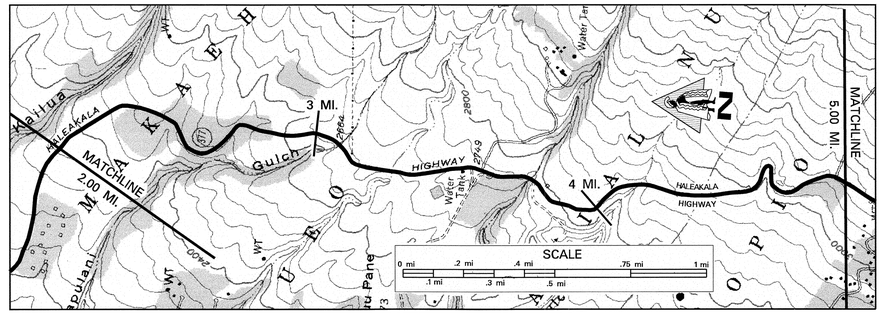
a. Survey Length: 9.17 miles

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)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1934 H15

Vertical Clearance: 150'

Horizontal Clearance: 24'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study): PASTURE ON MOUNTAINOUS TERRAIN WITH CUT SLOPES

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

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

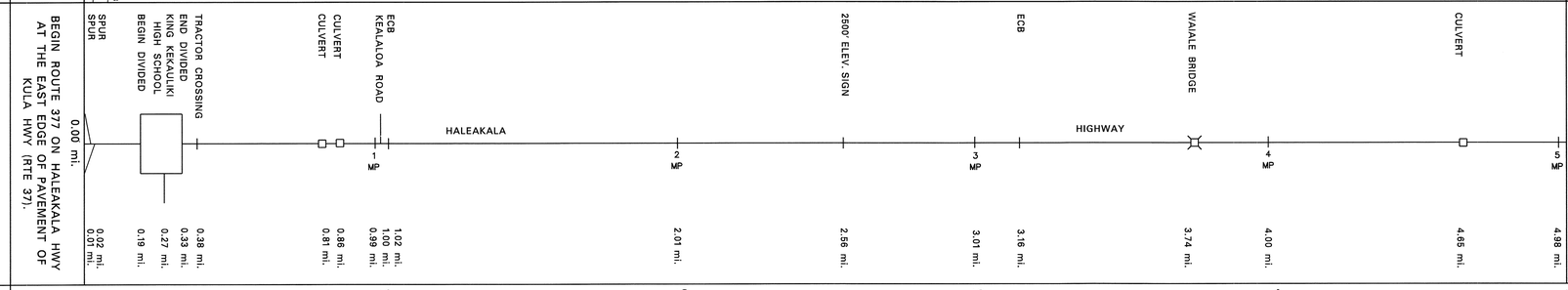
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 0.03 S T A T E

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): 0.08 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

Pavement: Width and Type: 22' AC | 11' AC | 22' AC (1.05) | 18' AC

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

Divided Highway

Median: Width and Type: 0.19 | 0–12' PAINTED AC | 0.33

Shoulder: Width and Type: 0

Pavement: Width and Type: 11' AC

Shoulder: Width and Type: 4' AC

Number of Traffic Lanes: 2 – 11' (1.05) 2 – 9'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.27 | 8 | 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)

Protective Devices: Type, Location and Number (ALL GUARDRAILS METAL ON METAL, EXCEPT WHEN NOTED)

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: U R B A N (1.00) R U R A L

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: R O L L I N G

Speed: 1–Design, 2–Posted: 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B74 0377 00000 | B74 0377 00100

HPMS Section: 0.50 | 4.00

AADT (Year 2005): 3,470 (1.00) 2,426

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

1.85 377A–01–83M 1983 RESURFACE 4.03 377A–01–85M 1985 RESURFACE

377A–02–81M 1981 RESURFACE (1.07) JOB #5569 1952 RESURFACE

FAP 5B 1933 (0.00) FAP–5B 1929, 1933

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

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

ROAD INVENTORY

MAUI RTE 377

KEKAULIKE AVE & HALEAKALA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

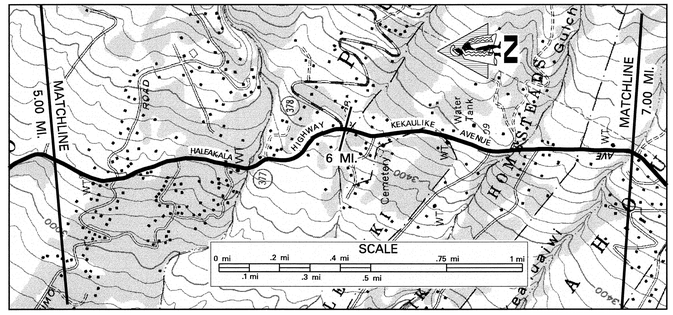
Total Route Length: 9.17 miles

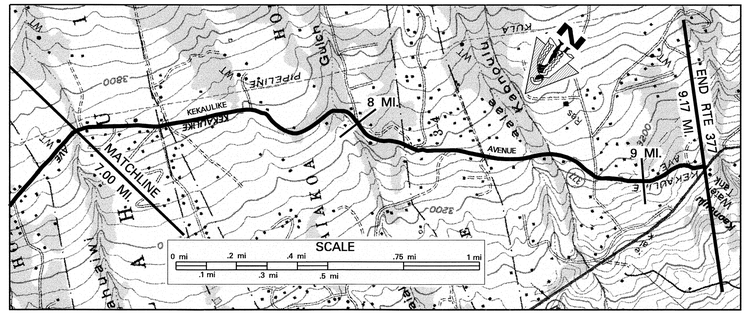
a. **Survey Length:** 9.17 miles

b. **Proposed Length:** 0.00 miles

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

*





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

377A (9.13 MI)

End 377A on Kekaulike Hwy, 50' East of centerline intersection with Kula Hwy. 9.13

Structure Carrying Road

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

TEE BEAM 1934 H15 110' | TEE BEAM 1933 H15 25' | TEE BEAM 1933 H15 36' | TEE BEAM 1933 H15 150' | 30'

Vertical Clearance

Horizontal Clearance

22' | 22' | 24' | 22' | 22'

Structure and Ramp Road

Vertical Clearance

Horizontal Clearance

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

60'

Available Right of Way Width (Needs Study)

PASTURE AND RANCH AREA

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

20'-40' FROM PVMT
10'-30' FROM PVMT

5.20 | 5.67 | 6.07 | 6.25 | 7.02 | 7.53 | 8.07 | 8.60
5.11 | 5.58 | 6.03 | 6.02 | 6.78 | 6.98 | 8.47 | 8.80
5.18 | 6.01

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-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 — AVENUE

| | | |

ROAD INVENTORY

MAUI RTE 378
HALEAKALA CRATER ROAD

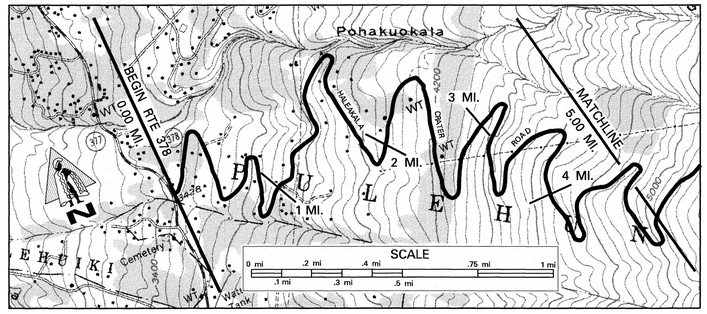
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

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

Right of Way Fence: Type – Right and Left — 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 — 0.04 (337+41.87) 378A–01–04M, RESURFACE, 2006

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

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 N.P. — 0.10 mi. PALENA PLACE — 0.33 mi. 3500' ELEV. Sign PONI MOI PLACE — 0.31 mi. (341+50) — 0.97 mi. CULVERT CULVERT — 1.21 mi. 1.24 mi. 4000' ELEV. Sign — 1.78 mi. CATTLE GUARD — 2.06 mi. 2.12 mi. CULVERT — 2.44 mi. CULVERT — 2.54 mi. CULVERT — 2.62 mi. 2.65 mi. 2.80 mi. 2.85 mi. 2.98 mi. CULVERT CULVERT CULVERT — 3.49 mi. 4500' ELEV. Sign — 4.05 mi. CULVERT — 4.25 mi. CULVERT — 4.44 mi. CULVERT — 4.96 mi. CONTINUES ON SHEET #2 5.00 mi.

HALEAKALA CRATER ROAD

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

SCALE: (In Miles) 4" = 1 mile

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 — 22' 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 – 11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — N O N E

(Right Side) — N O N E

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

Sidewalk: Width and Type (Right and Left)

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 | 0.75 | 0.96 | 1.00 | 1.10 | 1.29 | 1.31 | 1.35 | 1.37 | 2.09 | 2.14 | 2.24 | 2.30 | 3.33 | 3.45 | 3.94 | 3.98 | 4.11 | 4.15 | 4.17 | 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 | 2.36 +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

Traffic Station — B74 0378 00000

HPMS Section — 0.97

AADT (Year 2005) — 1,590

DOD Sections

Census Tracts

Functional Classification — MAJOR COLLECTOR

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
- 378A–01–92M 1993 RESURFACE
- 0.04 (GTP–0377(4) 1994 RESURFACE)
- 378A–01–82M 1982 (RESURFACE) 3.72 | 3.75 RS–0378(1) 1981 RESURFACE
- 0.03 370A–02–67 1967 2.77 378A–03–68 1968 RESURFACE
- FAP 5B (Group B) 1933

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.

ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

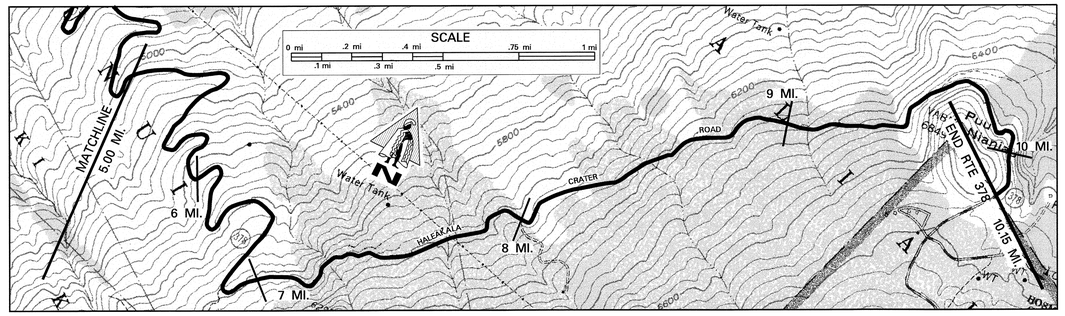
Total Route Length: 10.15 miles

a. Survey Length: 10.15 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description		378A (10.15 MI) — END 378A – SAME AS END ROUTE 378 @ 10.15
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	PRESTRESSED BEAM 1934 (1970) H15 — 97' — 56' @ 10.14
	Vertical Clearance	
	Horizontal Clearance	27' — 27'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		80'
Available Right of Way Width (Needs Study)		OPEN PASTURE 1000' ACROSS
Right of Way Fence: Type – Right and Left		N O N E
Control of Access: 1–None, 2–Partial, 3–Full		N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		S T A T E
Project No., Type of Construction, and Year Constructed		@ END PROJECT 877+00 — 378A–01–04M, RESURFACE, 2006 — (378A–01–92M, 1993, RESURFACE) @ 10.15
Project No., Type of Construction, and Year Constructed		378A–01–00MR 2003 MAINTENANCE & REPAIRS @ 10.14

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 — 6 MP — CULVERT (5.95 mi.) — CULVERT (6.23 mi.) — CULVERT (6.67 mi.) — CULVERT (6.91 mi.) — LOOKOUT (6.95 mi.) — CRATER — 7 MP — CULVERT (7.30 mi.) — POHAKUOKALA BRIDGE (7.31 mi.) — CULVERT (7.48 mi.) — CULVERT (7.70 mi.) — 8 MP — CULVERT (7.91 mi.) — CATTLE GUARD (8.00 mi.) — WAIALE BRIDGE (8.28 mi.) — ROAD — 9 MP — CULVERT (8.50 mi.) — CATTLE GUARD (8.93 mi.) — 6550' ELEVATION SIGN (9.24 mi.) — CULVERT (9.34 mi.) — CATTLE GUARD @ CENTERLINE CATTLEGUARD 877+20 (9.45 mi.) — 10.19 MP — END RTE 378 ON HALEAKALA CRATER RD AT THE NAT'L PARK BDRY @ THE CATTLE GUARD NEAR THE "END STATE HWY" SIGN. 10.15 mi. (9.87 mi. / 10.12 mi. / 10.15 mi.)

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway — Undivided	Shoulder: Width and Type	2' AC @ 10.15 mi.
	Pavement: Width and Type	22' AC
	Shoulder: Width and Type	2' AC
	Median: Width and Type	
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
Number of Traffic Lanes		2 – 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		N O N E
(Right Side)		N O N E
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		
Curb and/or Gutter: Type (Right and Left)		
Protective Devices: Type, Location and Number	ALL GUARDRAILS ARE METAL ON METAL	5.23 5.32 5.39 5.49 5.76 5.82 — 6.15 6.24 — 6.57 6.68 — 6.93 6.99 — 7.11 7.19 7.16 7.27 7.34 7.35 7.48 — 7.46 7.75 7.87 7.90 8.03 8.07 — 8.47 8.55 8.59 — 8.79 8.80 — 8.89 — 9.21 9.28 — 9.43 9.52 9.54 — 9.74 — 9.89 10.05 — 5.28 5.33 5.58 5.66 — 7.47 7.51 7.79 7.84 — 8.55 8.59 — 8.79 8.80 — 8.89 — 8.97 9.09 — 8.97 9.09
Illumination: Type, Location and Number		N O N E
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		6.22 +7 6.29 — 6.62 +9 6.84 — 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		
Traffic Station		B74 0378 00000
HPMS Section		
AADT	(Year 2005)	1,590
DOD Sections		
Census Tracts		
Functional Classification		MAJOR COLLECTOR
National Highway System (NHS)		
Previous Projects: Project No., Date and Limits		378A–01–92M 1993 RESURFACE
		RS–0378(1) 1981 RESURFACE — (377A–01–70 1971 Bridge Widening) 7.70 — 8.50 — RS–0378(1) 1981 RESURFACE
		378A–03–68 1968 RESURFACE 6.95 — 378A–04–69 1969
		FAP 5B (Group B) 1933

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.

ROAD INVENTORY

MAUI RTE 380
DAIRY ROAD, KUIHELANI HIGHWAY

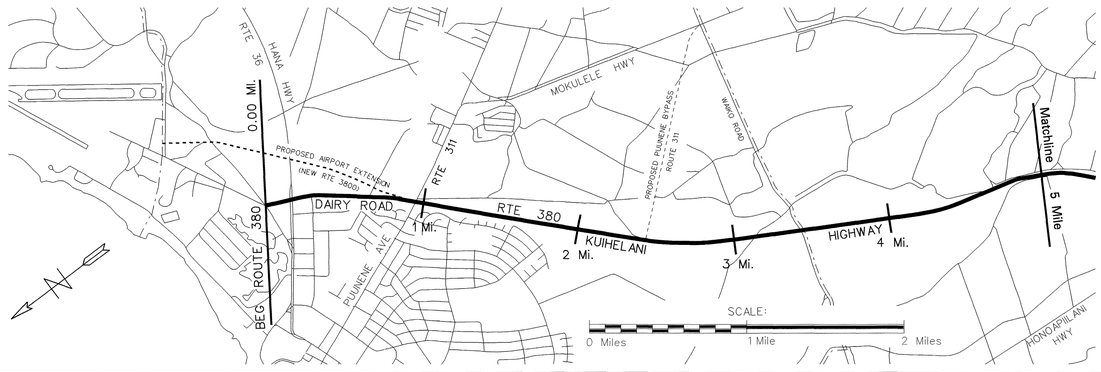
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

BEG. 380A SAME AS BEG. EXISTING RTE. ? | ? 380A (0.95 mi.) ? | END 380A SAME AS ROUTE 36 | 0.00 MI. BEG. 380A SAME AS BEG. EXISTING RTE. ? | 380 A (6.17 mi.)

Structure Carrying Road

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

24', Slab, HS–20, 1970 | 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

5.12 | 44' | 44' | 44'

Horizontal Clearance

3.11 | 36' | 4.12 | 36' | 4.37 | 36'

Structure Over Hwy Rwy

Vertical Clearance

Horizontal Clearance

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

150' – 210'

Available Right of Way (Needs Study)

COMMERCIAL 0.85 | RANCHLAND / SUGAR CANE 2.49 | FARMS–BUSHES–TREES 3.45 | CLEAR 1000' – SUGAR CANE 30' FROM PAVEMENT
2.16 WOOD/CONC. | METAL ON WOOD 4.60

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

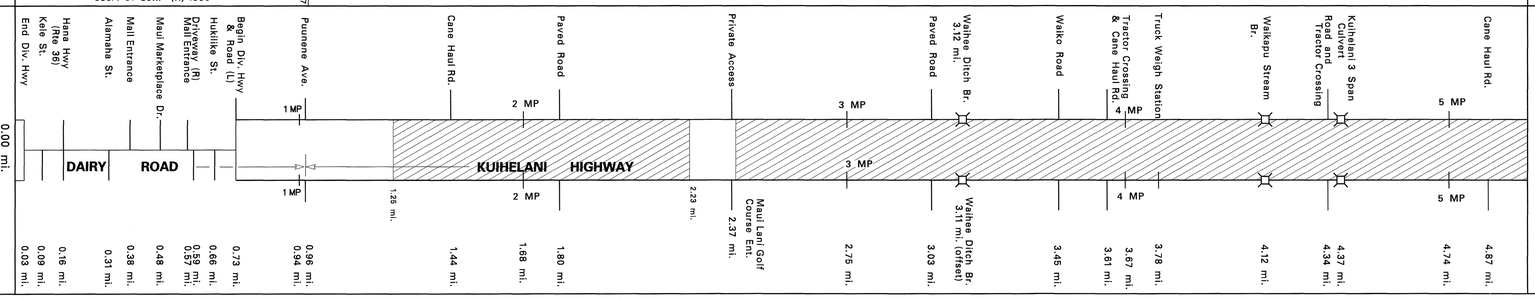
NH–0380(9), (Widening) 2003

Project No., Type of Construction, and Year Constructed

380A–01–89M (R) 1990 | 0.78 | 0.97 | 380A–01– 99M (R), 2000

Indicates Grass & / or Physical Barrier on Median.

Road Diagram



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway — Undivided

Shoulder: Width and Type

0 | 0.16 | 4'–6' AC | 0.88 | 10' AC | 3.84 | 10'–25' AC | 3.92 | 10' AC

Pavement: Width and Type

(20' AC) | 40' AC | 0.88 | 44' AC | 1.04 | 22' AC | 24' AC

Shoulder: Width and Type

0 | 0 | 0.16 | 4'–6' AC | 0 | 1.04 | 8' AC | 10' AC | 0 | 4' AC | 10' AC

Divided Highway

Median: Width and Type

(10' Painted AC) | 0.03 | 0.73 | 10' Painted AC | 0.88 | 8' Painted AC | 1.04 | 1.17 | 8'–14' Painted AC | 1.20 | 18' Grass | 2.26 | 14' Painted AC | 2.37 | 10' Grass | 2.98 | 18' Grass

Shoulder: Width and Type

0 | 0 | 4' AC | 0 | 4' AC

Pavement: Width and Type

(12' AC) | 22' AC | 0.88 | 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' | 0.66 | 4–11' | 0.88 | (1–12', 1–10') (1–12') | 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 10' Turning Lanes)

0.03 | 0.16 | 0.24 | 0.37 | 0.45 | 0.52 | 0.57 | 0.81 | 0.88 | 1.04 | 10' (L) TL | 2.37 | 1–12' TL | 2.57 | 3.60

(Right Side) (All 10' Turning Lanes)

0.06 | 0.09 | 0.16 | 0.22 | 0.37 | 0.38 | 0.45 | 0.52 | 0.57 | 0.81 | (2–10' L TLs) | 0.88 | 0.90 | 0.96 | 2.22 | 1–12' TL | 2.37 | 1–12' TL | 3.30 | 1–12' TL | 3.45

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

0.13 | 0.22 | 0.38 | 0.45 | 0.88

Sidewalk: Width and Type (Right and Left)

6' Conc. S.W. | 0.51 | 8' Conc. S.W. | 0.65 | 0.88

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

4' Conc. S.W. | Conc. | AC | Conc. Curb | AC Curb | (Conc. Curb) | 2' Conc. Gutter | 2' Conc. Gutter

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

0.96 M.V. 1.04 | 2.32 HPS 2.43 | 3.09 | 3.15 | 3.25 | 3.26 | 3.32 | 3.33 | 3.56 | 3.61 | HPS 2.40 | 3.50 | 4.11 | 4.18 | 4.34 | 4.41 | 4.62 | 4.68

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

0.88 | –1 | 3.29 | +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) | 0.87 | 35 MPH (2) 30 MPH (2) | 1.11 | 1.24 | (45 MPH (2)) | 55 MPH (2) | 2.26 | 2.31 | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

0.76 | 0.37 | 0.48 | 1.10 | 2.37 | 3.45 | 3 Phase 2 Phase | 3.61

Traffic Station

B74 0380 00000 | 0.80 | B74 0380 00096 | 1.68 | B74 0380 00237 | 3.12 | B74 0380 00345 | 4.74

HPMS Section

AADT (Year 2005)

31,816 | 0.86 | 18,007 | 2.37 | 17,069 | 3.45 | 14,325

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 50 1931 | 0.03 | 0.38 | 3800A–01–81M 1981 (Resurf.) | 0.75 | S–0380(6) 1971

DANG 8(1), 1945 County | 2.37 | S–038 (6), 1969

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
July 2002, DB
Revised
Apr 03 JK
Aug 04 DE
Sept 04 DE
Nov., 06 DE

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. (6.17)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: 37' | SLAB 1970 HS-20 / 47' | PRECAST, PRESTRESSED CONC. BEAM, HL-93, 2003

Vertical Clearance

Horizontal Clearance: 5.58 | 44' / 36'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

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

Right of Way Fence: Type – Right and Left

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

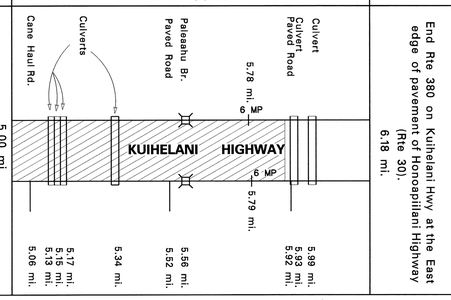
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: NH-0380(9) (Widening) 2003 (6.02) ← [BR-NH-030-1(24) (Widening) 2002]

Project No., Type of Construction, and Year Constructed: 380A-01-99M (R) 2000

Indicates Grass & / or Physical Barrier on Median.

Road Diagram



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway Undivided

Shoulder: Width and Type: 10' AC

Pavement: Width and Type: 24' AC | 12' AC | 2% 2% | 28' AC

Shoulder: Width and Type: 10' AC | 0

Divided Highway

Median: Width and Type: 18' Grass (5.80) | 10'–18' AC (6.02) | 10' Painted AC

Shoulder: Width and Type: 4' AC | 0 (6.98)

Pavement: Width and Type: 24' AC | 12' AC | 36' AC (6.14) (6.26) (6.34) (6.38) (6.42) (6.54) (6.58) (6.62) | (38' AC) (44' AC)

Shoulder: Width and Type: 10' AC

Number of Traffic Lanes: 4 – 12' | (1–12') 1– 12' | 2– 12' | 3–12' | (2–14') (2–15' + 1–16') (2–15' + 1–14')

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (2–12' (R)) (6.18) (2–14' (R))

(Right Side): Double (L) TLs → (6.14) (6.26) (6.34) (6.42) (6.54) (6.62) ← (6.98) Single (R) TL → (1–12' (R)) (6.14) (1–16' (R)) (1–14' (R))

NOTE: No Thru Lanes on (R) Side from 6.12 mi to 6.18 mi. Pavement Widths Include Turning Lanes.

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number: (5.33) (5.58)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: (5.33) +2 (5.84)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (5.82)

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

Intersection Control Devices: Type, Location and Cycle Timing: (5.88) 3 Phase Traffic Signal

Traffic Station: B74 0380 00345

HPMS Section

AADT (Year 2005): 14,325 (6.18)

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

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

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

ROAD INVENTORY
MAUI RTE 3000
HONOAPIILANI HIGHWAY BYPASS

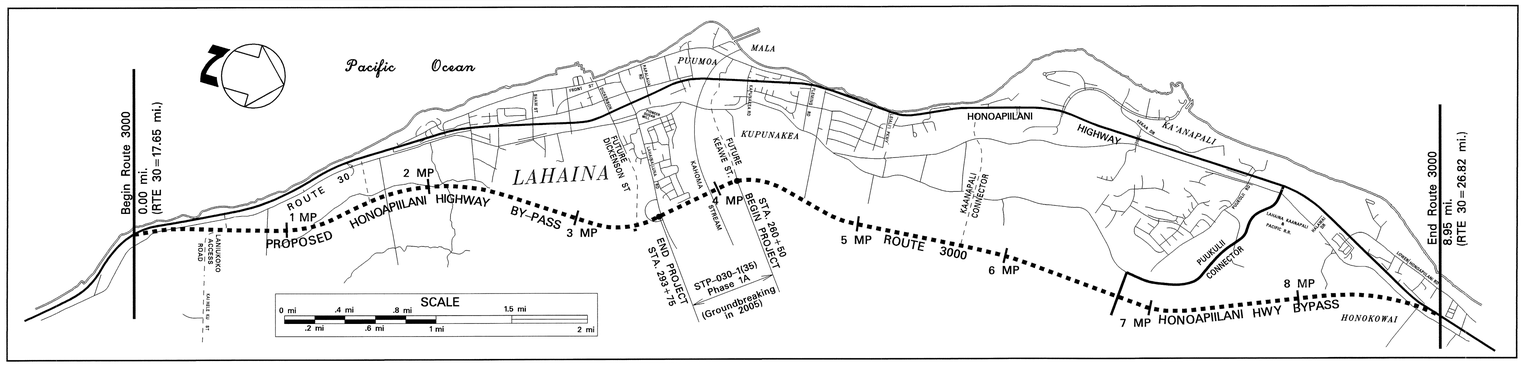
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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

*



SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Maintenance Control Sections : Length and Description

Structure Carrying Road

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

4-CELL BOX | 3-CELL BOX | 400' | 400' | 600' | 400' | 400' | 800'

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

STATE

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

(STP-030-1(22), Demolition of Ikena Ave)

3.46 3.46

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

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

CULVERT 0.75 MI.
CULVERT 0.96 MI.
KAUAULA STREAM BR 2.08 MI.
DICKENSON CONNECTOR 3.31 MI.
LAHAINALUNA RD OP 3.46 MI.
KAHOMA STREAM BR 3.74 MI.
KAPUNAKEA CONN. 4.07 MI.
WAHIKULI CONNECTOR (CIVIC CENTER) 4.96 MI.
KAANAPALI CONNECTOR 5.52 MI.
HAHAKEA GULCH BR 5.73 MI.
WAHIKULI GULCH BR 5.88 MI.
PUKOLII CONNECTOR 6.75 MI.
HANAKAOO GULCH BR 7.48 MI.
HONOKOWAI STR BR 8.01 MI.
HONOAPILANI CONN. 8.58 MI.

HONOAPIILANI HIGHWAY BY-PASS

END ROUTE 3000 ON HONOAPILANI HWY BYPASS AT NORTH EDGE OF PAVEMENT OF CONNECTION WITH HONOAPILANI 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

Traffic Station

HPMS Section

AADT (Year 2005)

MINOR ARTERIAL

NHS

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Date Released	
Dec 2004 JK	
Revised	
Nov., 06	*D.B.*

ROAD INVENTORY

MAUI RTE 3400

KAHULUI BEACH ROAD AND WAIEHU BEACH ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

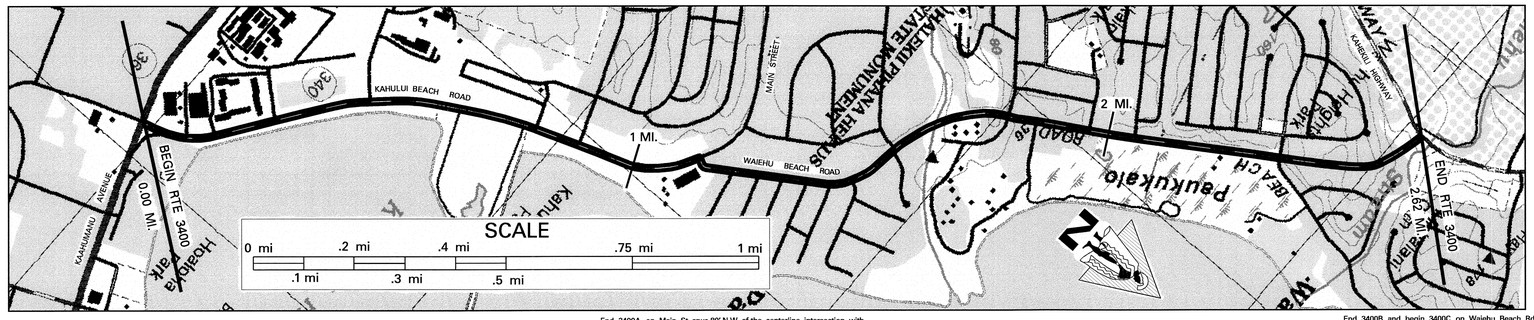
Total Route Length: 2.62 miles

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 | 1 | 2 | 3

0.04 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)

Structure Carrying Road

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

TEE BEAM
1953 H20
182'

Vertical Clearance

28'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

120' — 1.81 — 80' – 200' — 1.87 — 70' – 240'

Available Right of Way Width (Needs Study)

COMMERCIAL / RESIDENTIAL — 1.31 — 1.38 — 1.95 — BRUSH — 2.32 — SAND

Right of Way Fence: Type – Right and Left

1.17 — 1.48

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)

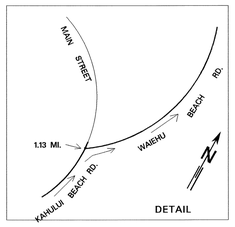
S T A T E

Project No., Type of Construction, and Year Constructed

3400AB–02–90 1992 IMPROVEMENTS — 0.14 — 30 + 10 — 0.57 — HWY–M–05–04, IMPR. 2006 — 0.72 — 38 + 10 — 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

3400A–02–91 IMPROVEMENTS 1995 — 3400B–01–97M 1998 RESURFACE (ALSO ROUTE 340)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

0.00 MI.

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

0 MP — 35 + 00 — 1 MP — PAVED ROAD — 2 MP — INVENTORY PLACE — 3 MP — LOWER WAIEHU BEACH RD. — 4 MP

KAHULUI BEACH ROAD — WAIEHU BEACH ROAD

0.00 mi. — 0.08 mi. — 0.27 mi. — 0.46 mi. — 0.63 mi. — 0.79 mi. — 1.00 mi. — 1.02 mi. — 1.13 mi. — 1.20 mi. — 1.25 mi. — 1.29 mi. — 1.30 mi. — 1.35 mi. — 1.39 mi. — 1.44 mi. — 1.46 mi. — 1.54 mi. — 1.60 mi. — 1.62 mi. — 1.70 mi. — 1.78 mi. — 1.79 mi. — 1.83 mi. — 1.94 mi. — 2.00 mi. — 2.03 mi. — 2.11 mi. — 2.26 mi. — 2.32 mi. — 2.38 mi.

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

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3

Divided Highway — Undivided

Shoulder: Width and Type

4' AC — 0.08 — 6' AC — 1.15 — 11' AC — 1.29 — 4' – 6' AC — 1.67 — 6' AC — 2.17 — 5' AC — 2.24 — 6' AC — 2.33 — 10' AC — 2.44 — 6' AC

Pavement: Width and Type

12' AC — 1.13 — 22' AC — 12' AC — 24' AC — 11' AC — 24' AC — 11' AC — 24' AC

Shoulder: Width and Type

0' — 0.27 — 12' GRASS — 2' AC — 0.80 — 0' — 2' AC — 1.02 — 0' — 11' AC — 1.29 — 4' – 6' AC — 0' — 4" – 6' AC — 6' AC — 0' — 6' AC — 0' — 10' AC — 2.44 — 6' AC

Divided Highway

Median: Width and Type

6'-24' GRASS W/CURB — 0.18 — 0'-12' PAINT — 0.33 — 0'-12' PAINT — 0.36 — 12' GRASS (FLUSH) — 0.47 — 0'-12' PAINT — 0.57 — 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 — 2.28 — 10' PAINT

Shoulder: Width and Type

0' — 0.27 — 2' AC — 0.80 — 0' — 2' AC — 0' — 0' — 0' — 0' — 0' — 0'

Pavement: Width and Type

12' AC — 12' AC — 11' AC — 11' AC

Shoulder: Width and Type

4' AC — 0.08 — 6' AC — 1.13 — 4' – 6' AC — 6' AC — 5' AC — 2.33 — 2.44 — 6' AC

Number of Traffic Lanes

0.07 — 2 – 12' — 1.29 — 2 – 11' — 1.67 — 2 – 12' — 1.99 — 2 – 11' — 2.28 — 2 – 12' — 2 – 11' — 2.38 — 2 – 12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ALL T.L.S. 12' UNLESS NOTED

0.20 — 0.32 — 0.37 — 0.57 — 0.72 — 0.79 — 0.82 — 0.88 — 1.02 — 1.10 — 1.13 — 1.18 — 1.25 — 1.50 — 1.54 — 1.74 — 1.79 — 11' — 11' — 1.98 — 2.03 — 10' — 2.26 — 10' — 2.32

(Right Side) ALL T.L.S. 12' UNLESS NOTED

0.06 — 0.09 — 0.04 — 4' AC — 0.17 — 1.09

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) T.S. = TRIANGLULAR SWALE C. & G. = CURB & GUTTER B.C. = BITUMINOUS CURB L.D.D. = LINED DRAINAGE DITCH

1.01 — 1.12 — T. S. — C. & G. — L. D. D. — 2.17 — 2.24 — B. C. — 2.33 — B. C. — 2.44

Protective Devices: Type, Location and Number

1.15 — 1.30 — 1.35 — 1.49 — 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 — 1.59

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

2.00 — –1 — 2.16

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

1.13 — 3 PHASE — 3 PHASE

Traffic Station

0.45 — B74 3400 00000 — 0.88 — 1.54 — B74 3400 00113 — B74 3400 00232

HPMS Section

1.00 — 2.20 — 2.45

AADT (Year 2005)

37,171 — 1.13 — 11,673 — 2.32 — 6,686 — 2.62

DOD Sections

Census Tracts

Functional Classification

MINOR ARTERIAL

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

0.14 — 3400A–02–91 1995 IMPROVEMENTS — 1.13 — 1.88

3400AB–02–90 1992 IMPROVEMENTS — 3400A–01–88M 1988 RESURFACE

S–0340 (1) 1955, 1956 — 1.12 — COUNTY — 1.31 — S–247(1) 1952, 1953 — 1.87 — S–0341(3) 1966, 1967

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3

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

ROAD INVENTORY
MAUI RTE 3500
PUUNENE AVENUE

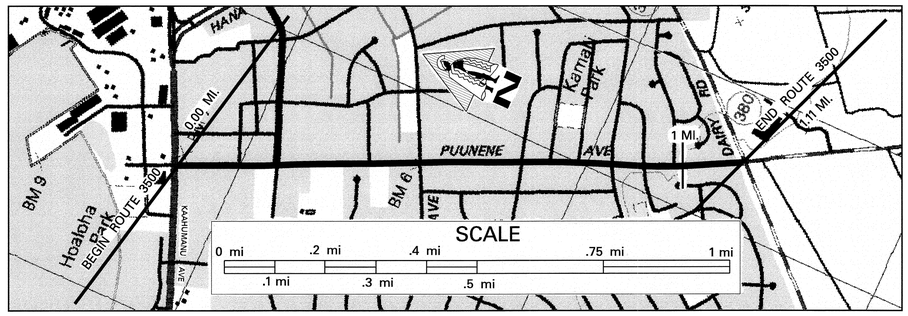
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Maintenance Control Sections : Length and Description

Begin 3500A on Puunene Avenue 85' S. of centerline with Kaahumanu Avenue. 0.01

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

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

Right of Way Fence: Type – Right and Left: CHAINLINK 0.34 | 0.43 ; CHAINLINK 1.00 ; TILE 0.88 | 0.92 ; CHAINLINK 0.95

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

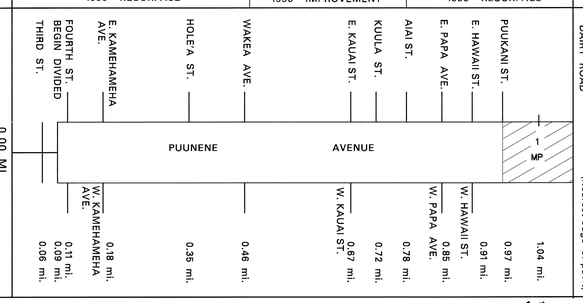
Jurisdiction, Transfer Phase No. and Date (C to S or S to C):

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

Project No., Type of Construction, and Year Constructed: 1996 RESURFACE | 1996 IMPROVEMENT | 1996 RESURFACE

Road Diagram

* MP = Milepost Signage



Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 2' AC | 0.45 | 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 – Median
- Median: Width and Type: 0.09 | 0' – 10' PAINTED | 0.28 | 0.38 | 11' PAINTED AC | 0.58 | 10' PAINTED AC | 0.73 | 12' PAINTED AC | 0.98 | 0'–30' TREES AND GUARDRAILS (L & R)

Divided Highway – Undivided
- Shoulder: Width and Type: 0' | 0' | 6' AC
- Pavement: Width and Type: 22' AC | 22' AC | 0.46 | 11' AC | 12' AC
- Shoulder: Width and Type: 2' AC | 4' AC | 4' – 6' AC | 0.98 | 1.05

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 | 12' | 0.24 | 0.13 | 10' | 0.41 | 11' | 0.33 | 0.45 | 11' | 0.62 | 0.67 | 10' | 0.25 | 0.74 | 0.78 | 0.80 | 0.85 | 12' | 1.05 | 11' | 1.04

(Right Side): 10' | 11' | 0.46 | 0.44 | 12' | 0.84 | 0.97 | 11'

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

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

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

Protective Devices: Type, Location and Number: 0.17 | 0.25 | 0.97 | M / M

Illumination: Type, Location and Number: 18 MV

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBAN

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

Speed: 1–Design, 2–Posted: 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 4 PHASE TRAFFIC LIGHT | 0.46 | 3 PHASE | 0.95

Traffic Station: 0.19 | B74 3500 00000 | B74 3500 00046

HPMS Section: 0.35 | 1.00

AADT (Year 2005): 19,064 | 0.48 | 24,590

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 0.52 | M – 3500 1981

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

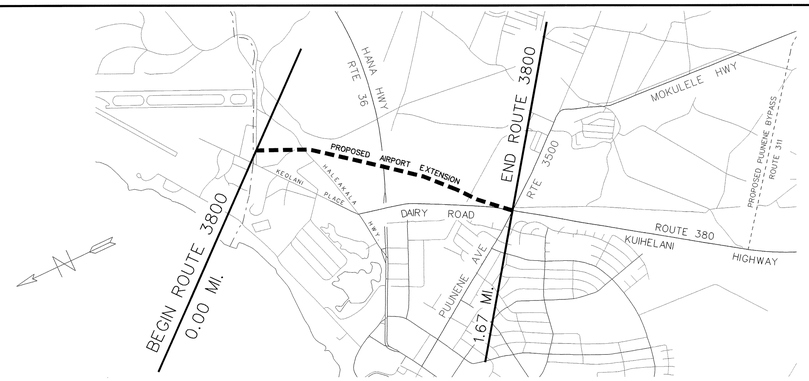
MAUI RTE 3800
PROPOSED AIRPORT EXTENSION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



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

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

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

Proposed Airport Extension

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

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

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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urban

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

Speed: 1–Design, 2–Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B74 3800 00000

HPMS Section

AADT (Year 2005)

DOD Sections

Census Tracts

Functional Classification: Principle Arterial

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits

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

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

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

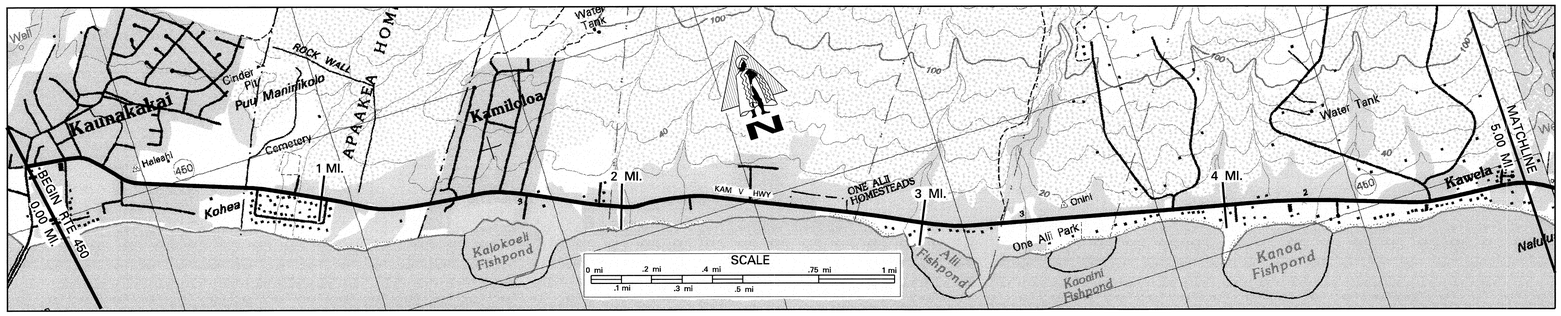
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

0.22 Begin 450A on Kam V Hwy, 84' East of the East edge of pavement of Kaunakakai Wharf Road. — 450A (10.13 MI)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- SLAB 1940 H15 — 25'
- SLAB 1940 H20 — 23'

Vertical Clearance
- 26'
- 26'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- 60' – 80' (1.00)
- 80' (3.16 – 3.46)

Available Right of Way Width (Needs Study)
- RESIDENTIAL AREA
- TREES AND BUSHES (FEW HOMES)

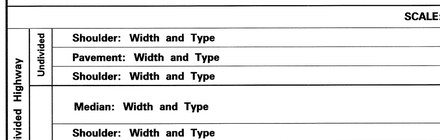
Right of Way Fence: Type – Right and Left
- WIRE ON WOOD 15' FROM PAVEMENT
- WIRE ON WOOD 15' FROM PAVEMENT

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 – 1.28: 450AB-01-01M 2001 RESURFACE
- 1.28 – 1.78: STP-0450(7) 1998
- 1.80 – 5.00: STP-0450(6) 1996 RESURFACE

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

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

0.00 mi.

MOHALA ST. 0.02 mi. | KAMOI ST. 0.12 mi. | AILOA ST. 0.18 mi. | KAUNAKAKAI SCH. 0.25 mi. | OKI PLACE 0.28 mi. | ROAD TO "DUKE MALIU" PARK 0.32 mi. | ALANUI KAIMI IKE EDUCATION CTR. 0.46 mi. | CULVERT 0.69 mi. | KAPAAKEA CEMETERY 0.77 mi. | CULVERT 0.85 mi. | KAPAAKEA LOOP 0.89 mi. | KAPAAKEA LOOP 0.99 mi. | CULVERT 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 1.89 mi. | OHAI ALII PLACE 1.99 mi. | KAMILOLOA BRIDGE 2.00 mi. | PANO PLACE 2.39 mi. | CULVERT 2.47 mi. | ONEALII PARK #1 3.00 mi. | KAWELA PLANTATION #3 3.33 mi. | MAKAKUPAIA BRIDGE 3.76 mi. | PAVED ROAD 3.94 mi. | PAVED ROAD 4.01 mi. | CULVERT 4.30 mi. | KAMAKANA PLACE 4.59 mi. | 4.66 mi. | 4.84 mi. | 5.00 mi.

KAM V HWY

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

CONTINUES 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
- 6' AC
- 4' AC

Pavement: Width and Type
- 24' AC (1.99)
- 22' AC (3.69)

Shoulder: Width and Type
- 6' AC
- 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 – 1.01: 6" BP

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number
- MERCURY VAPOR 1.00 – 1.48
- MERCURY VAPOR 2.27
- 1 MV 2.40
- 1 MV 3.35
- 3.92 – 3.96

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative
- 0.43 – 0.73: 0
- 0.91 – 1.14: –1
- 1.75 – 1.87: +1
- 2.32 – 2.47: 0
- 2.50 – 2.86: 0

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
- NOT POSTED 0.69
- 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station
- B75 0450 00000 (0.22)
- B75 0450 00134 (1.36)
- B75 0450 00189 (3.94)

HPMS Section

AADT (Year 2005)
- 5,401 (1.34)
- 4,445 (1.89)
- 2,047

DOD Sections

Census Tracts

Functional Classification
- MAJOR COLLECTOR (7)

National Highway System (NHS)
- NONE

Previous Projects: Project No., Date and Limits
- HWY-M-06-96M 1997 (1.80)
- HWY-M-02-90 1991 SHOULDER IMPROVEMENT (3.69)
- 0.01 – 1.99: RS-0450(4) 1988 RESURFACE
- 450A-01-72 1972 RESURFACE (1.00 – 1.90)
- COUNTY
- RS-0450(1) 1979 RESURFACE
- FAS 2A 1940
- FAS 2A(1) 1938

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

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

ROAD INVENTORY

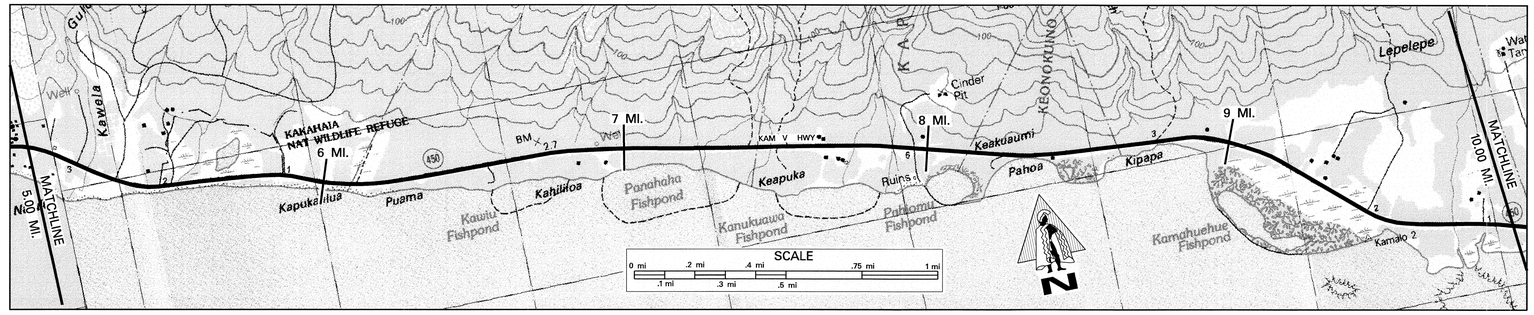
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

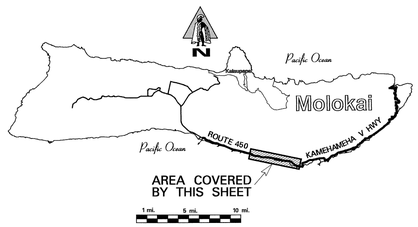
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

*





Road Diagram
* MP = Milepost Signage

	SCALE: (In Miles) 4" = 1 mile	5 | 6 | 7 | 8 | 9 | 10
	Maintenance Control Sections : Length and Description	450A (10.13 MI)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	SLAB 1940 H15 46' @5.00; PRESTRESSED CONCRETE SLAB 1981 HS-20-44 43' @9.84
Structure Carrying Road	Vertical Clearance	
Structure Carrying Road	Horizontal Clearance	26' @5.00; 28' @9.84
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	WIRE ON WOOD 15' FROM PAVEMENT @5.02; NONE; WIRE ON WOOD 15' FROM PAVEMENT; @9.15 WIRE ON WOOD
	Control of Access: 1–None, 2–Partial, 3–Full	NONE
	Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
	Project No., Type of Construction, and Year Constructed	@7.17 450AB-01-01M 2001 RESURFACE
	Project No., Type of Construction, and Year Constructed	STP-0450(6) 1996 RESURFACE @7.16 STP-0450(7) 1998 @7.84 STANDARD WORD SIZE

CONTINUED FROM SHEET #1

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

KAMEHAMEHA V HIGHWAY

5 MP; 6 MP; 7 MP; 8 MP; 9 MP

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 GRASS UNLESS NOTED	4' AC @7.84; 25'-30' @7.86; 8' @8.27; 30' @8.42; 6' @8.48; 30' @8.75; 20' DIRT @8.94; 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 @7.14; 20' @8.03; 10' @8.13; 15' DIRT @8.29; 8' @8.44; 10' @8.77; 15' @9.83; 18' DIRT @9.81; 8' @9.98; 6' DIRT @10'; 4'
Divided Highway	Median: Width and Type	@8.03
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)	NONE
	(Right Side)	NONE
	Frontage Road: No. of Lanes, and Width (Right and Left)	
	Sidewalk: Width and Type (Right and Left)	
	Curb and/or Gutter: Type (Right and Left)	
	Protective Devices: Type, Location and Number ALL GUARDRAILS METAL ON METAL	@5.00 @5.13 @6.17 @6.21 @6.44 @6.47 @7.11 @7.15 @7.25 @7.29 @9.83 @9.95
	Illumination: Type, Location and Number	
	Curves: Degree of Curvature (Right and Left)	
	Superelevation (Range)	
	Grades: % Grade, Positive or Negative	@5.43 0 @5.93; @8.69 –1 @7.12
	Vertical Curve: Crest or Sag, Curve Limits	
	Area and Development:	RURAL
	Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT @6.14; @6.77 ROLLING FLAT @8.92; @8.71 FLAT
	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	
	Traffic Station	B75 0450 00189; B75 0450 00522; B75 0450 00784
	HPMS Section	@6.46
	AADT (Year 2005)	2,047 @5.22; 2,054 @7.84; 1,121
	DOD Sections	
	Census Tracts	
	Functional Classification	MAJOR COLLECTOR (7)
	National Highway System (NHS)	NONE
	Previous Projects: Project No., Date and Limits	@7.17 HWY-M-06-96M 1997
		RS-0450(1) 1979 RESURFACE @7.14; 450AB-01-89M 1990 RESURFACE
		FAS 2A 1940 @7.13 STA. 390+50 @7.39; S-2(2) 1947 STA. 430+25 STA. 0+00 @8.14; 450AB-01-76M 1976 RESURFACE
		FAS 2A(1) 1938; COUNTY
	SCALE: (In Miles) 4" = 1 mile	5 | 6 | 7 | 8 | 9 | 10

Date Released
Oct 2004 GN

Revised	
Aug., 06	D.B.

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

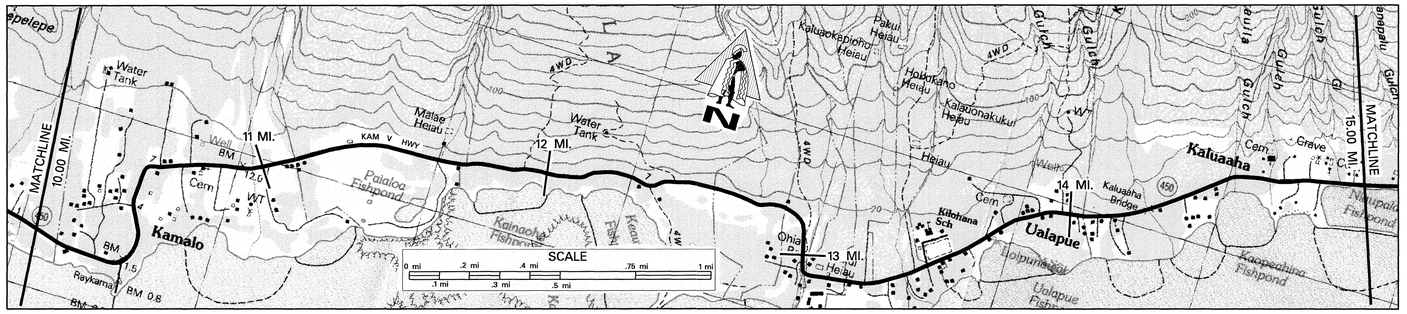
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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

*



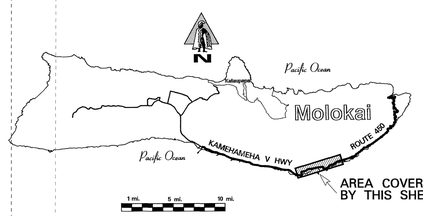
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #2

10.00 mi.

10 | 11 | 12 | 13 | 14 | 15

BEGIN 450 B SAME AS BEGIN SR 450 — 450B (17.43 MI.)

PRE-STRESSED SLAB 1979 HS-20: 22′ | 36′
18′ | 21′
80′
TREES AND LARGE BUSHES W / SOME HOMES AND OPEN PASTURE
WIRE ON WOOD | WIRE ON METAL CHAIN LINK (11.99) | WIRE (13.03)
N O N E
S T A T E
450AB–01–01M RESURFACE 2001 (11.33) | 450B–01–02M RESURFACE 2003

KAMALO WHARF ROAD 10.02 mi. | FORD 10.15 mi. | FORD 10.84 mi. | CULVERT 11.02 mi. | CULVERT 12.03 mi. | CULVERT 12.12 mi. | OHIA BRIDGE 12.52 mi. | HAWN TEL. SUBSTATION 12.81 mi. | Road to WAVECREST RESORTS 12.93 mi. | FORD 13.01 mi. | KILOHANA SCHOOL 13.17 mi. | UALAPUE PLACE 13.26 mi. | KALUAAHA BRIDGE 13.43 mi. | KEALA NUI OHINA PL. 14.02 mi. | 14.15 mi.

KAMEHAMEHA V HIGHWAY
10 MP | 11 MP | 12 MP | 13 MP | 14 MP

CONTINUES ON SHEET #4

15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway
- Undivided
  - Shoulder: Width and Type — ALL GRASS UNLESS NOTED
  - Pavement: Width and Type
  - Shoulder: Width and Type — ALL GRASS UNLESS NOTED
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

6′ – 8′ (10.70) | 4′ (10.75) | 6′ (10.90) | 10′ DIRT (11.04) | 8′ (11.18) | 6′ (11.33) | 2′ – 4′ AC (12.39) | 4′ AC / 2′ GRASS (14.06) | 2′ – 4′ AC
4′ – 6′ (10.55) | 8′ (10.73) | 6′ (10.98) | 4′ (11.24) | 6′ | 18′ AC | 2′ – 4′ AC

- Number of Traffic Lanes: 2 – 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 (12.11 | 12.39) | METAL ON METAL (14.01 | 14.03 | 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: R U R A L
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous: F L A T (1)
- Speed: 1–Design, 2–Posted: 35 MPH (1) (10.71) | 35 MPH (2) | 30 MPH (2) (13.89) | 20 MPH (SCHOOL ZONE) (14.05) | 20 MPH (SCHOOL ZONE) (14.13) | 30 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing

	10.05	11.33	13.00	14.07
Traffic Station	B75 0450 00784		B75 0450 01133	B75 0450 01447
HPMS Section				
AADT (Year 2005)	1,121		1,109	594

- DOD Sections
- Census Tracts
- Functional Classification: MAJOR COLLECTOR (7)
- National Highway System (NHS): NONE
- Previous Projects: Project No., Date and Limits

450AB–01–01M 2001 RESURFACE (11.35)
450AB–01–89 1990 RESURFACE (12.35)
450AB–01–76M 1976 RESURFACE (11.33)
HWY–M–01–96M 1997 (14.03 | 14.05)
450B–02–88 1988 SHOULDER IMPROVEMENTS (14.07)
450B–01–76M 1976 RESURFACE COUNTY (14.03 | 14.07)
450B–01–94M 1996 RESURFACE
14.35 STP–0450(5) 1994 GUARDRAIL SHDLR. IMPROV.
450B–01–80M 1980 RESURFACE

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

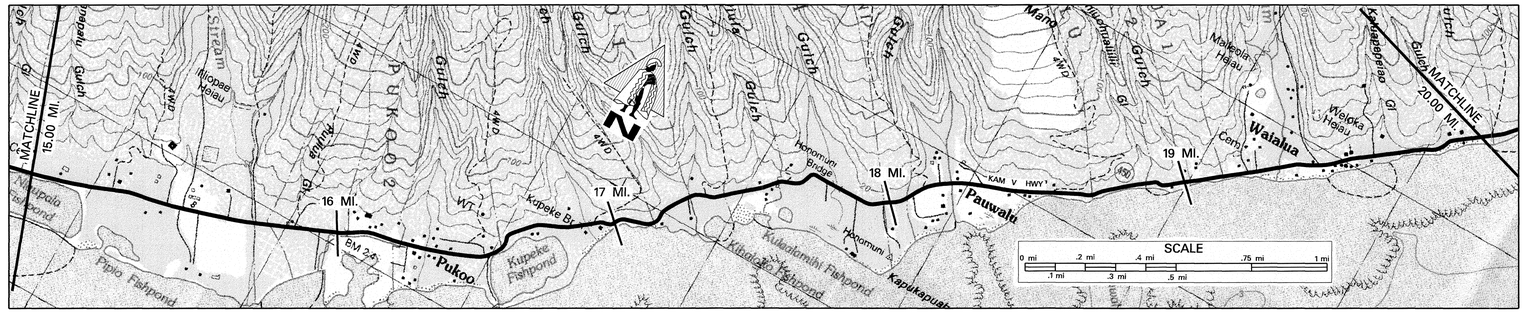
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Maintenance Control Sections : Length and Description

450 B (17.43 MI.)

Structure Carrying Road

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

SLAB 1950 (1968) HS20 — 42′ | PRESTRESSED BEAM 1979 HS20 — 25′ | PRESTRESSED BEAM 1979 HS20 — 16′ | 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 W I R E (18.26)

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 (130+00)

Project No., Type of Construction, and Year Constructed — 450B–01–02M RESURFACE 2003 (16.53) | 450B–01–03M, RESURFACE, 2006 | 450B–01–94M RESURFACE 1996 (18.62) | STP–0450(5) 1994 (19.05) | COUNTY (19.45) | 450B–01–88M 1988 (R)

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #3

15.00 mi.

MAPULEHU BRIDGE
H.V.B. MARKER
'ILI'ILI'OPAE HEIAU (15.03 mi.)
BEACH PARK (15.49 mi.)
FORD (15.70 mi.)
KUPEKE BRIDGE (16.06 mi. / 16.07 mi. / 16.65 mi.)
CULVERT (17.01 mi. / 17.05 mi.)
HONOMUNI BRIDGE (17.47 mi.)
KAWAIKAPU BRIDGE (17.91 mi.)
WAIALUA BRIDGE (18.02 mi. / 19.00 mi. / 19.03 mi.)

KAMEHAMEHA V HIGHWAY

15 MP | 16 MP | 17 MP | 18 MP | 19 MP

CONTINUES ON SHEET #5

20.00 mi.

Divided Highway — Undivided

Shoulder: Width and Type — 2′ – 4′ AC | 4′ – 6″ GRASS | 0′ | 6′ GRASS | 0′ | 2′ – 6′ AC

Pavement: Width and Type — 18′ AC | 16′ AC | 14′ BST | 14′ BP | 14′ – 18 AC

Shoulder: Width and Type — 2′ – 4′ AC | 6″ GRS | 0′ | 6′ – 8′ GRASS | 0′ | 6″ GRS | 2′ – 6′ AC

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes — 2–9′ | 2–7′ | 2 – 8′ | 2 – 7′ | 2 – (7′–9′)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — N O N E

(Right Side) — N O N E

Frontage Road: No. of Lanes, and Width (Right and Left) — N O N E

Sidewalk: Width and Type (Right and Left) — N O N E

Curb and/or Gutter: Type (Right and Left) — N O N E

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

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — R U R A L

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — F L A T (1) | ROLLING FLAT

Speed: 1–Design, 2–Posted — 30 MPH (2) | (1) 20 MPH | 30 MPH (2) | 10 MPH (1) / 20 MPH (1)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station — B75 0450 01447 | B75 0450 01665 | B75 0450 01966

HPMS Section — 15.49 | 17.47 | 19.90

AADT (Year 2005) — 594 | 422 | 422

DOD Sections

Census Tracts

Functional Classification — MAJOR COLLECTOR (7)

National Highway System (NHS) — NONE

Previous Projects: Project No., Date and Limits — 450B–01–94M 1996 RESURFACE | STP–0450(5) 1994 GUARDRAIL AND SHOULDER IMPROVEMENTS | 450B–01–80M 1980 RESURFACE | 450B–01–81M 1981 RESURFACE | COUNTY | 450B–01–87M 1987 RESURFACE

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

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

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

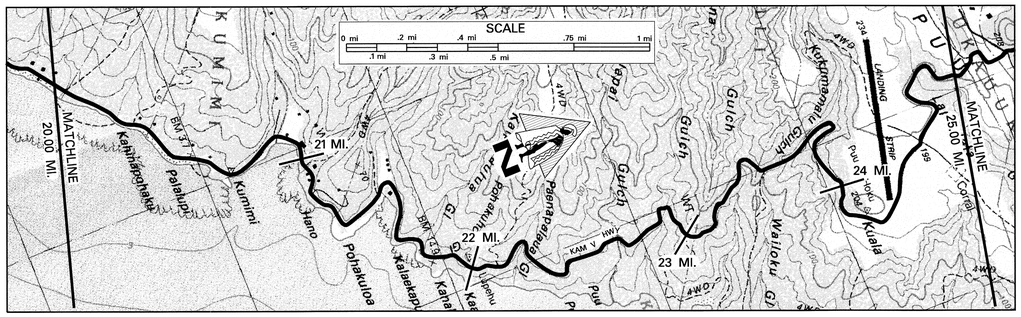
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

450B (17.43 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- CULVERT 1960 HS20 — 56'
- TIMBER STRINGER 1950 H10 — 16'

Vertical Clearance

Horizontal Clearance
- 12'
- 13'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study) — TREES BUSHES AND SOME OPEN PASTURE

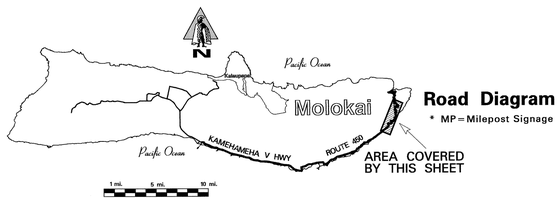
Right of Way Fence: Type – Right and Left — WOOD POST W/WIRE 10'–15' FROM PAVEMENT (21.56) / WOOD ON WIRE 10'–15' FROM PAVEMENT (23.72)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — STATE (420+00, 22.24)

Project No., Type of Construction, and Year Constructed — 450B–01–03M, RESURFACE, 2006

Project No., Type of Construction, and Year Constructed — 450B–01–88M RESURFACE 1988 (24.96) (450B–01–92M (R) 1993)



Road Diagram
* MP = Milepost Signage

AREA COVERED BY THIS SHEET

CONTINUED FROM SHEET #4

20.00 mi.

HONOULIWAI BR. (3 ARCH CULVERT) — MP 20 — 20.10 mi.

HONOULIMALOO BR. — MP 21 (373+10) — 20.53 mi. / 21.15 mi.

CULVERT — 21.12 mi. / 22.57 mi.

CULVERT — MP 23 — 23.04 mi. / 23.03 mi.

BRANT FIELD — MP 24 — 24.03 mi. / 24.24 mi.

RANCH ROAD — MP 25 — 24.96 mi. / 24.94 mi.

KAMEHAMEHA V HIGHWAY

CONTINUES ON SHEET #6

25.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type — 2' – 6' AC (2' AC)

Pavement: Width and Type — 14' – 18' AC (24.96) (14' AC)

Shoulder: Width and Type — 2' – 6' AC (2' AC)

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes — 2 – (7' – 9') (24.96) (2-7')

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

(Right Side) — NONE

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

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

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

Protective Devices: Type, Location and Number — PORTABLE CONC. BARRIER (20.01–20.30)

Illumination: Type, Location and Number — NONE

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — RURAL

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — ROLLING (20.20–21.50) / MOUNTAINOUS / FLAT (21.89–22.24) / MOUNTAINOUS

Speed: 1–Design, 2–Posted — 10 MPH (1) 20 MPH (2) / 20 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station — B75 0450 01966 (B75 0450 02494)

HPMS Section (24.96)

AADT (Year 2005) — 422 (24.94–24.96) 422

DOD Sections

Census Tracts

Functional Classification — MAJOR COLLECTOR (7)

National Highway System (NHS) — NONE

Previous Projects: Project No., Date and Limits

450B–01–87M 1987 RESURFACE (24.96)

COUNTY

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.

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

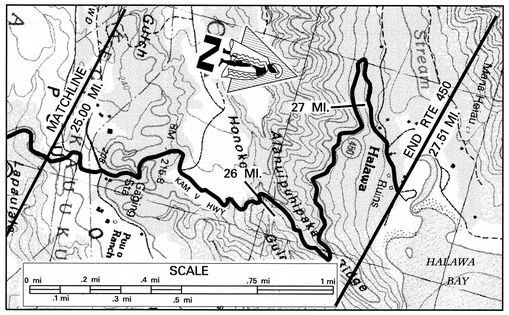
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

450 B (17.43 MI.)

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

CULVERT

Structure Carrying Road — Vertical Clearance

Structure Carrying Road — Horizontal Clearance

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

WOOD ON WIRE 10'-15' FROM PAVEMENT 25.55
WOOD ON WIRE 10'-15' FROM PAVEMENT

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

NONE

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

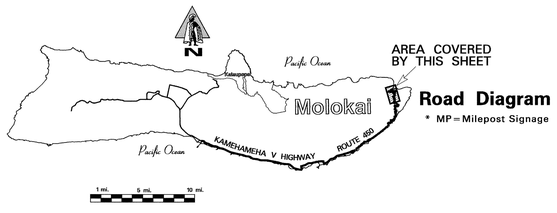
STATE

Project No., Type of Construction, and Year Constructed

450B-01-92M RESURFACE

Project No., Type of Construction, and Year Constructed

1993



AREA COVERED BY THIS SHEET

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #5

25.00 mi.

CULVERT 25.08 mi.
FORD 25.75 mi.
26 MP 25.98 mi.
27 MP 26.97 mi.
PARK ROAD 27.46 mi.
ROAD TO CHURCH 27.40 mi.

KAMEHAMEHA V HIGHWAY

27.51 mi.

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type

2' AC

Pavement: Width and Type

14' AC

Shoulder: Width and Type

2' AC

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2 – 7'

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

NONE

(Right Side)

NONE

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

Sidewalk: Width and Type (Right and Left)

NONE

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

NONE

Protective Devices: Type, Location and Number

25.05 (CRM) ROCK WALL M/M 29.91

Illumination: Type, Location and Number

NONE 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:

RURAL

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

Traffic Station

B75 0450 02494

HPMS Section

AADT (Year 2005)

422

DOD Sections

Census Tracts

Functional Classification

MAJOR COLLECTOR (7)

National Highway System (NHS)

NONE

Previous Projects: Project No., Date and Limits

COUNTY

SCALE: (In Miles) 4" = 1 mile

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

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

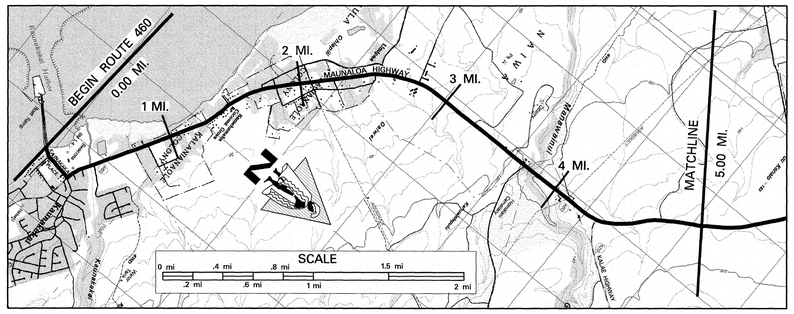
Total Route Length: 16.56 miles

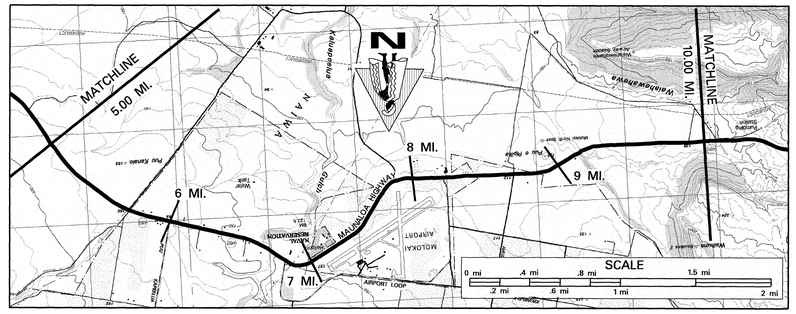
a. Survey Length: 16.56 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Begin 460A Same As Begin Rte 460 — 460A (16.56 mi.)

Structure Carrying Road

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

Culvert 1959 (1971) HS–20 — 73' — 0.43

Slab 1954 H–20 — 35' | 35' | 35' | 35' — 1.66 | 1.83 | 2.29 | 2.54

Prestressed Conc. Girder 1988, HS–20–44 — 364' — 3.76

Vertical Clearance

Horizontal Clearance

36' — 36' | 36' | 36' | 36' — 41'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

80' — 3.17 — 70'–160' — 4.19 — 80'–160' — 5.72 — 50' — 6.91 — 80'–110' — 7.84 — 100' — 9.60 — 80'–400'

Available Right of Way Width (Needs Study)

Residential Area — 1.53 — 1000' Clear – Grass, Bushes 10'–15' from Pavement — 4.45 — 1000' Clear Pineapple 15'–25' from Pavement — 5.71 — Ranch and Pasture — 7.04 — Airport 30' — 7.48 — Clear 1000' Pineapple/Grass Pasture

Right of Way Fence: Type – Right and Left

Wire on Wood 10' from Pavement — 2.20 — 4.01

Wire on Wood 10' from Pavement — 1.98 — 4.01

Wire on Wood 10' from Pavement — 6.04 — 8.31

ChainLink — 7.09 — 7.49

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

None

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

State

Project No., Type of Construction, and Year Constructed

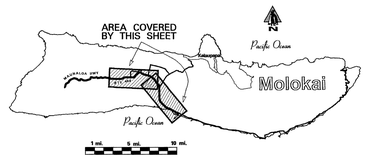
STP–0460(12), Resurface, 1998 — 5.49 — 5.51

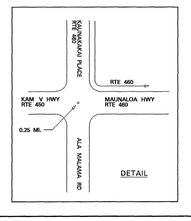
Project No., Type of Construction, and Year Constructed

STP–0460(11), 1997

Road Diagram

* MP = Milepost Signage





BEGIN RTE 460 0.00 MI. ON "MOLE" ON KAUNAKAKAI PLACE AT THE BEGINNING OF KAUNAKAKAI WHARF.

Beach Pl. 0.05 mi. — Hio Pl. 0.15 mi. — Ala Malama Jct. 0.26 mi. — State Recreational Pier 0.37 mi. — Malihini Pl. 0.38 mi. — Old Wharf 0.43 mi. — End Ford 0.50 mi. — Begin Ford 0.58 mi. — Pollution Control Road 0.62 mi. — End Truck Weigh Sta. 0.86 mi. — Begin Truck Weigh Sta. 0.88 mi. — Onohi Pl. 0.97 mi. — 1 MP — Kaiwi Pl. 1.14 mi. — Kaiwi Road (L) 1.16 mi. — Kamehameha III Park 1.24 mi. — Begin Divided & Landscaped to Kolovena 1.38 mi. — End Divided 1.50 mi. — Kolovena Pl. 1.62 mi. — Kolovena Road (R) 1.66 mi. — Kalamaula Br. #4 1.74 mi. — Paved Road (R) 1.84 mi. — End Divided 1.83 mi. — Kalamaula Br. #3 1.84 mi. — HVB Marker 2.00 mi. — Begin Divided 2.08 mi. — Lehua Ave 2.08 mi. — 2 MP — Kaharu Ave 2.23 mi. — Kalamaula Br. #2 2.24 mi. — Kalahinaole Ave 2.53 mi. — Kalamaula Br. #1 2.54 mi. — Likelike Ave 2.67 mi. — End Divided 2.82 mi. — Begin Divided 2.84 mi. — Kahiwa St. (R) 2.87 mi. — End Divided (R) 2.99 mi. — Begin Divided (L) 3.00 mi. — End Divided Rt. to Church 3.30 mi. — Olili Street (L) 3.43 mi. — 3 MP — Paved Road to Land Fill 3.57 mi. — Paved Rd. Water Tank (L) 3.72 mi. — Manawainui Dr. Road to Cemetery 3.83 mi. — Paved Rd. 3.96 mi. — 4 MP — Kaiae Hwy (Rte 470) 4.28 mi. — Del Monte Corp. Rd. 4.38 mi. — MAUNALOA HIGHWAY — 5 MP — Culvert 5.02 mi. — Culvert 5.12 mi. — Culvert 5.61 mi. — 6 MP — Cupaeleua Ave (Rte 480) 6.10 mi. — Culvert 6.01 mi. — Airport Loop Rte 460 Airport – Rte 460 6.96 mi. — 7 MP — Hualalai Rd. 7.88 mi. — Culvert 7.89 mi. — Culvert 7.98 mi. — Launui St. (Airport Loop) (Rte 485) 8.31 mi. — Culvert 8.43 mi. — Culvert 8.51 mi. — Road 8.79 mi. — 9 MP — Culvert 8.99 mi. — Culvert 9.40 mi. — Project Mkr. S-2(11) 9.78 mi. — 10 MP — 9.97 mi.

CONTINUED ON SHEET #2

SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

4' AC — 0.39 — 8' AC — 0.50 — 4' AC — 0.93 — 0.96 — 4' AC — 4' AC — (8' PCC) — 4' AC — 5.87 — 8' AC — 6.73 — 4' AC — 6.88 — 8' AC — 6.93 — 4' AC

Pavement: Width and Type

24' AC — 12' AC — 24' AC — 12' AC — 24' AC — (24' PCC) — 24' AC — 9.78 — 24' AC

Shoulder: Width and Type

4' AC — 0.39 — 8' AC — 0.50 — 4' AC — 0 — 4' AC — 0 — 4' AC — (8' PCC) — 3.76 — 3.81 — 4' AC — 4.63 — 6' AC — 4.89 — 4' AC — 5.77 — 8' AC — 6.06 — 4' AC — 6.21 — 8' AC — 6.72 — 4' AC — 6.83 — 6.87 — 4' AC

Median: Width and Type

Median Barriers:

12' Painted AC — 1.24 — 1.42 — 12' Painted AC — 2.67 — 2.98

Shoulder: Width and Type

0 — 0

Pavement: Width and Type

12' AC — 12' AC

Shoulder: Width and Type

4' AC — 4' AC

Number of Traffic Lanes

2–12' — 9.78 — 2–11'

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

1–12' (L) TL — 1.44 — 1.67 — 2.90 — 2.98 — 2.72 — 3.30 — 3.43 — 4.32 — 4.40 — 4.30 — 12' Lanes

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

3' Conc. Gutter — 4.63 — 4.89 — AC Curb — 5.87 — 6.75 — AC Curb — AC Curb — 6.72 — 7.65 — 7.81

Protective Devices: Type, Location and Number — Metal Rails on Metal Posts — 2.81 — 3.40 — 3.54

Illumination: Type, Location and Number

Mercury Vapor — 1.49 — 1.58 — 1.62 — 1.84 — 1.MV — 2.08 — 2.17 — 1.MV — 2.26 — 2.63 — 3.40 — 4.47 — 4.62 — 5.77 — 6.06 — 6.13 — 1.MV — 6.82 — 6.85 — 7.48

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

0.67 — –1 — 1.04 — 1.06 — +1 — 1.23 — 2.27 — 2.32 — –1 — 3.03 — –6 — 3.30 — 3.90 — –8 — 4.18 — 5.07 — +2 — 5.25 — 5.98 — –1 — 6.35 — 7.18 — –1 — 7.49 — 8.51 — –1 — 8.88 — 9.06 — +1 — 9.25 — 9.45 — –2 — 9.79 — 9.78 — –2

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Rural

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

0.62 — Flat — 2.56 — Rolling — 5.66 — Flat

Speed: 1–Design, 2–Posted

35 MPH (2) — 20 MPH (2) — 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

0.52

Traffic Station

B75 0460 00000 — B75 0460 00025 — B75 0460 00135 — B75 0460 00282 — B75 0460 00438 — B75 0460 00610 — B75 0460 00696 — B75 0460 00831

HPMS Section

0.13 — 0.38 — 2.18 — 4.14 — 5.93 — 6.21 — 7.47

AADT (Year 2005)

1,250 — 0.25 — 6,685 — 1.35 — 5,169 — 2.82 — 4,613 — 4.38 — 2,430 — 6.10 — 2,071 — 6.96 — 1,405 — 8.31 — 1,268

DOD Sections

Census Tracts

Functional Classification

Major Collector (7)

National Highway System (NHS)

None

Previous Projects: Project No., Date and Limits

6.65 — 6.98 — 460A-01-91M (Shoulder Paving), 1992

460A-01-90M (Shoulder Paving), 1991

RS-0460(1) Resurface, 1979 — 7.04 — 460B-01-83M Resurf., 1983

0.43 — 0.53 — (46A-02-71,1971) — 3.76 — 3.83 — (BR-0460(9), Bridge Replacement, 1988) — 5.61 — RS-0460(8), Resurf., 1987 — 6.68

(NRH 19-A, 1935) — 0.29 — F-19(4) 1953, 1954 — 3.11 — FAP 19D, 1939 — 4.12 — F-046(1), 1955 — 5.62 — NRH .34 A(1) 1939 — 6.84 — F-046(1), 1955 — 7.85 — F-34(2), 1952 — 9.80

Sta. 0 + 00 — Sta. 463 + 28 — Sta. 360 + 00 — (FAS 21(1), 1949)

SCALE: (In Miles) 2" = 1 mile

Date Released	
Mar. 04, D.B.	
Revised	
Nov., 06	*D.B.*

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

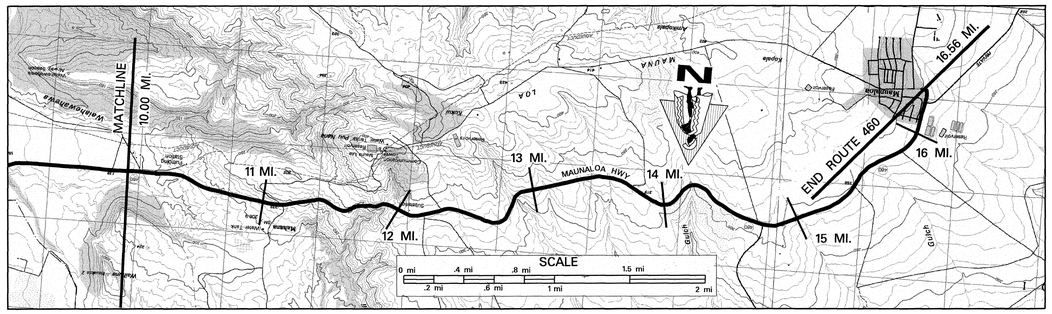
Total Route Length: 16.56 miles

a. Survey Length: 16.56 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Maintenance Control Sections : Length and Description

460 A (16.56 mi.) — End 460 A same as end Rte 460

Structure Carrying Road

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

Structure Over Road

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

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

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

Right of Way Fence: Type – Right and Left: 10.36 Wire on Wood 20'–30' from Pavement 12.19 / Wire on Wood 20'–30' from Pavement 14.89

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

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

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #1

Culvert (10.83 mi.) Culvert (10.96 mi.) MAUNALOA HWY 11 MP (11.13 mi.) 12 MP (11.97 mi.) 13 MP (12.93 mi.) 14 MP (14.01 mi.) Kulakoi Resort (14.87 mi.) ECB #19 (14.94 mi.) 15 MP (14.91 mi.) 16 MP (16.00 mi.) End Divided Ka' Ana St. (16.23 mi.) Begin Divided (16.32 mi.) 17 MP (16.40 mi.) (16.56 mi.)

END RTE 460 ON MAUNALOA HIGHWAY AT WEST CENTERLINE MONUMENT OF THE KAUNAKAKAI VILLAGE TRAFFIC SIGNAL @ ST. BEGIN STATE HIGHWAY SIGN. 16.56 MI.

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Divided Highway — Undivided

- **Shoulder: Width and Type:** 4' AC (10.53) 8' AC (10.97) 4' AC (14.95) 10' (15.15) 8' (15.26) 15' (15.60) 10' (15.73) 8' (15.82) 9'–15' (16.08) 14' (9'–14' Grv.) (15')
- **Pavement: Width and Type:** 22' AC (11' AC / 11' AC)
- **Shoulder: Width and Type:** 4' AC (14.95) 10' (15.15) 8' (15.26) 15' (15.60) 10' (15.73) 8' (15.82) 9'–15' (16.08) 14' 0 (14') (9'–14' Grv.)
- **Median: Width and Type:** (12' Painted AC) (15') (16.23 / 16.40 / 16.51)
- **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 (10.27 / 10.74 / 10.89 / 11.15 / 11.31 / 11.63 / 11.77 / 12.20 / 12.24 / 12.55 / 12.83 / 12.96 / 13.07 / 13.31 / 13.59 / 13.84 / 13.97 / 14.24 / 14.42 / 14.87 / 15.65 / 15.84 / 16.32 / 16.48)

Protective Devices: Type, Location and Number Metal Rails on Concrete Posts unless otherwise noted. x= Metal Rails on Metal Posts (10.44 / 10.50 / 10.67 / 10.77 / 10.90 / 11.14 / 11.26 / 11.37 / 11.40 / 11.54 / 11.67 / 11.80 / 11.87 / 12.04 / 12.13 / 12.20 / 12.45 / 12.57 / 12.68 / 12.81 / 12.87 / 12.97 / 13.07 / 13.21 / 13.48 / 13.54 / 13.66 / 13.72 / 13.78 / 13.94 / 14.04 / 14.22 / 14.58 / 14.78 / 14.94 / 15.06 / 15.26 / 15.49 / 15.71 / 15.84 / 16.29 / 16.33 / 16.48)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative (16.50 / 16.56) −2 (10.18) −6 (10.24 / 10.47) −6 (10.72) −6 (11.18) −8 (11.27 / 11.48) 0 (11.63 / 11.95) −3 (13.11 / 13.33) +1 (13.87 / 14.05) −2 (14.48 / 14.58) +2 (14.77 / 14.89) −1 (15.25 / 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) / 16.07 / 16.23) 20 MPH (2) (35 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B75 0460 00831 (10.96) — B75 0460 01494 (16.20)

HPMS Section

AADT (Year 2005): 1,268 (14.94) — 1,211 (16.56)

DOD Sections

Census Tracts

Functional Classification: Major Collector (7)

National Highway System (NHS): None

Previous Projects: Project No., Date and Limits: (460A–01–70, Slope Imprv., 1971) 4609–01–83M, Resurface, 1983 11.56 / 11.86 (46A–01–71, 1971) / 11.99 (46A–01–71, Resurface, 1971) 12.20 — 460A–01–91M, Shldr. Paving, 1992 RS–0900(24), Resurface, 1986 FAS 21(1), 1949 — 14.95

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

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

ROAD INVENTORY

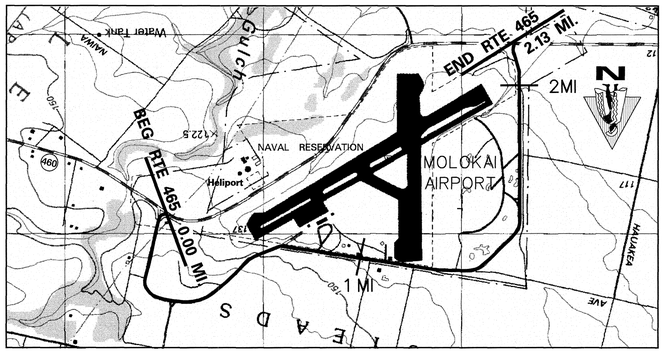
MOLOKAI RTE 465
AIRPORT LOOP

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE:
0 mi. 1 mi.

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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 — NONE

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

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

AIRPORT LOOP

Mokulele Street 0.35 mi. | Hoolehua Airport Road 0.86 mi. | Paved Roads 1.00 mi. / 1.07 mi. | Dirt Road 1.22 mi. | Paved Road 1.58 mi. | Dirt Road 1.63 mi. | Dirt Road 1.90 mi.

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type — Dirt / Grass

Pavement: Width and Type

Shoulder: Width and Type — Dirt / Grass

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

	0.00	0.06	0.22	0.56	0.65	1.07	1.17	1.22	1.41	1.58	1.70	1.79	2.13
		40′	15′	10′	6′	15′	20′	10′	15′	0	10′	15′	
						18′ AC					18′ BP		

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

	0.00	0.12	0.35	0.83	0.86	2.09	2.13
Traffic Station		B75 0465 00000		B75 0465 00035		B75 0465 00086	
AADT (Year 2005)		666		822		174	

HPMS Section

DOD Sections

Census Tracts

Functional Classification — Major Collector (7)

National Highway System (NHS) — None

Previous Projects: Project No., Date and Limits

Date Released
Jun 2002, JK

Revised	
Nov., 06	*D.B.*

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

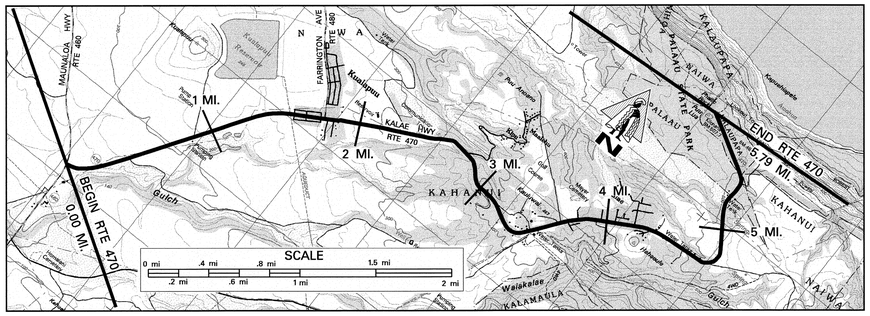
Total Route Length: 5.79 miles

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.

Structure Carrying Road

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

80′ – 120′ (3.49) | 60′ – 70′ (5.58) | 60′ – 130′

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

1000′ PINEAPPLE FIELD, 20′ – 30′ FROM PAVEMENT (1.57) | RES. AREA (1.89) | PASTURE AREA W/ SOME HOUSES | LARGE TREES & BUSHES (5.05)

Available Right of Way Width (Needs Study)

NONE — 1000′ CLR PINEAPPLE 20′ FROM PAVT (2.29)

WIRE ON WOOD 10′ – 25′ FROM PAVEMENT

WIRE ON WOOD 10′ – 25′ 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

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 (2.88) | RS-0470(3) 1982 RESURFACE (4.14) | 470A-01-92M 1993 RESURFACE

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 470 ON KALAE HIGHWAY AT INTERSECTION WITH MAUNALOA HIGHWAY (ROUTE 460). — 0.00 MI.

CULVERT 0.02 mi. | ROAD TRACTOR XING 0.40 mi. | KALAE HIGHWAY 1.00 mi. | TRACTOR XING 0.87 mi. 0.84 mi. | N. KIAPA ST. 1.47 mi. | LAHAINA PINE AVE (RTE 480) PROJECT BEGIN & 2 MP | S. KIAPA ST 1.56 mi. | S. NONI ST. 1.64 mi. | MICROWAVE COMM. STATION 1.78 mi. 1.78 mi. | CULVERT 2.61 mi. | KIPU ROAD (GOLF COURSE) 2.88 mi. 2.76 mi. | HIGHWAY 3.11 mi. | ROAD TO WATER TANK 3.47 mi. | RD. TO SUGAR MILL, MAUNALOA HWY. 3.81 mi. | IRONWOOD HILLS KALAE HOUSING 3.75 mi. | GOLF COURSE 3.70 mi. | KALAMA ROAD 4.29 mi. | NANIKAI PLACE 4.18 mi. | 4.09 mi. | 4.06 mi. | R.W. MEYER LTD. ROAD TO WATER TANK 4.74 mi. 4.68 mi. | RD TO STATE PARK 5.10 mi. | RD TO PALAAU 5.33 mi. | PAVILION 5.24 mi. | CAMP AREA 5.51 mi. | PARKING AREA 5.68 mi. | 5.62 mi. | 5.79 mi.

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

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 | 6′ GRAVEL (5.08) | 6′ AC (5.83)

Pavement: Width and Type

24′ AC (1.73) | 18′ AC (2.88) | 20′ AC | ± AC | ± GRV | ± AC

Shoulder: Width and Type

6′ AC | 8′ AC (1.74) | 6′ AC | 8′ GRAVEL (5.08) | ± AC | ± GRV (5.33) | 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′ (1.73) | 2 – 9′ (2.88) | 2 – 10′

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

NONE

(Right Side)

NONE

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

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 M/V (1.74)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

+6 (0.52) | +4 (1.04) | +2 (1.20) | +8 (2.20) | −1 (3.71) | +7 (4.20) | +8 (4.65) | −4 (5.06) | +4

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL

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

FLAT (1) (2.20) | ROLLING (5.20)

Speed: 1–Design, 2–Posted

45 MPH (1) | 30 MPH (1) | 25 MPH (1)

35 MPH (2) | 45 MPH (1) (1.47) | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

B75 0470 00000 | B75 0470 00176 | B75 0470 00276 | B75 0470 00418

HPMS Section

0.24 | 1.80 | 3.60 | 5.25

AADT (Year 2005)

2,273 | 932 (1.78) | 676 (2.76) | 206 (4.18) | 5.79

DOD Sections

Census Tracts

Functional Classification

MAJOR COLLECTOR (7)

National Highway System (NHS)

NONE

Previous Projects: Project No., Date and Limits

HWY-M-01-85M 1985 (0.68) | HWY-M-01-82M 1982 (0.87) | RS-0900(24) 1986 (1.73) (2.88)

RESURFACE | RESURFACE | RESURFACE

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

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

78+00 | 48+92

SCALE: (In Miles) 2" = 1 mile

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

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

ROAD INVENTORY

MOLOKAI RTE 480
FARRINGTON AVE. – PUUPEELUA AVE.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

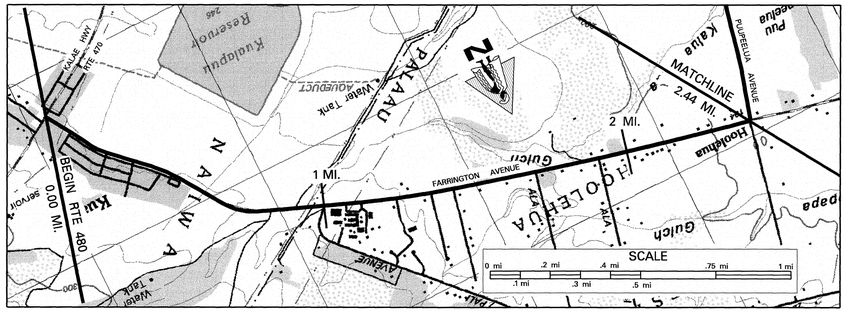
Total Route Length: 3.66 miles

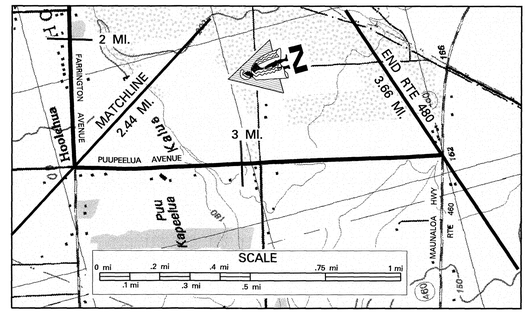
a. Survey Length: 3.66 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

Begin 480 on Farrington Avenue 16' West of the Northwest edge of pavement of Kalae Highway. | 480A (3.65 MI.) | 3.65 | End 480A on Puupeelua Avenue 50' North of North edge of pavement of Maunaloa Highway.

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure and Road

Vertical Clearance

Horizontal Clearance

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

+60′ | 2.44 | 80′

Available Right of Way Width (Needs Study)

RES. 0.25 | CLEAR 1000' PINEAPPLE 15' – 20' FROM EDGE OF PAVEMENT 0.87 | CLEAR 1000' GRASS & TREES 15' – 20' FROM PAVEMENT

WIRE ON WOOD 15' – 20' FROM PAVEMENT 1.37 – 2.60

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)

STP-0480(2) RESURFACE

Project No., Type of Construction, and Year Constructed

1999

Project No., Type of Construction, and Year Constructed

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)

FARRINGTON AVENUE: HULIA STREET PLANTATION STORE 0.09 mi. | 'UWAO STREET 0.23 mi. | 'ALAEKEA STREET 0.33 mi. | 'EPANE STREET 0.46 mi. | 1 MP | LIHIPALI AVENUE 0.96 mi. | MOLOKAI H.S. PARKING LOT 0.99 mi. | H.S. EXIT 1.05 mi. | FIRE STATION & KEENA PLACE PARKING LOT 1.12 mi. | LEI KUKUI PLACE 1.23 mi. | ALA 'EKOLU STREET 1.35 mi. | ALA 'ELUA STREET 1.43 mi. | ALA 'EKAHI STREET 1.70 mi. | 2 MP 1.92 mi. | POST OFFICE ROAD ANGLE POINT OF PUUPEELUA AVE. & FARRINGTON AVE. 2.00 mi. 2.44 mi.

PUUPEELUA AVENUE: MOLOKAI BAPTIST CHURCH 2.50 mi. 2.70 mi. | MOOMOMI AVE. 3.06 mi. | CULVERT 3.64 mi. | 3.65 MP 3.65 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)

0.55 – 4′ AC FOOT PATH – 2.44

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

0.83 0.90 0.97 1.13

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

0.60 0.74 0.80 0.88

Illumination: Type, Location and Number

1 MV 0.03 | MV 1.07 | 1 MV 1.24 | 1 MV 1.46 | 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 2.86 | 2.89 –2 3.08 | 3.32 –2 3.65

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL

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

Speed: 1–Design, 2–Posted

NOT POSTED 0.07 | 35 MPH (2) 0.89 | 0.96 20 MPH (2) 1.25 | 1.32 35 MPH (2) 3.55 | NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

B75 0480 00000 | 0.85 | B75 0480 00099 | 2.01 | B75 0480 00244 | 2.81 | B75 0480 00306 | 3.53

HPMS Section

AADT (Year 2005)

2,308 | 0.99 | 2,308 | 2.44 | 1,273 | 3.06 | 1,273 | 3.66

DOD Sections

Census Tracts

Functional Classification MAJOR COLLECTOR (7)

National Highway System (NHS) NONE

Previous Projects: Project No., Date and Limits

HWY-M-01-82M 1982 RESURFACE

S-0480-(1) 1968 | 2.45

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

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct 2004 GN

Revised	
Feb., 06	D.B.
Nov., 06	D.B.

ROAD INVENTORY

LANAI RTE. 440
KAUMALAPAU HWY., MANELE RD.

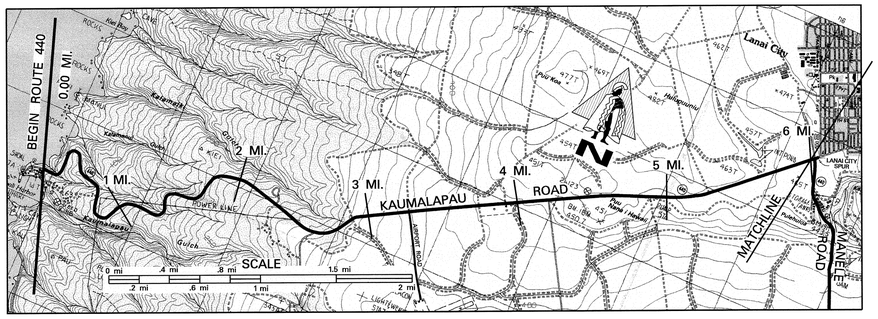
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

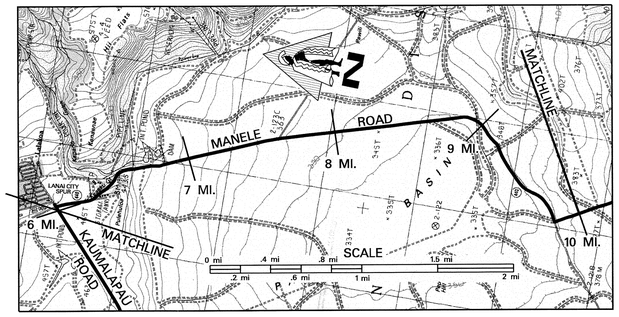
PREPARED BY THE HIGHWAY PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Beg. 440 A Same as Begin Route | 440A (5.97 mi.) * | *Does not include Airport Spur (see sht. 2) or Kaumalapau Hwy northeast of Manele Rd. (see diagram below) | End 440 A On Kaumalapau Hwy 150' northeast of centerline intersection with Manele Rd. | Begin 440 B On Manele Road at southeast edge of pavement of Kaumalapau Hwy | 440B (7.21 mi.)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 90' – 200' | 80' – 130' | 100' | 80' – 150' | 30'

Available Right of Way (Needs Study): Clear 1000' Pineapple Fields / Bushes, Small Trees 15' – 25' From Edge of Pavement

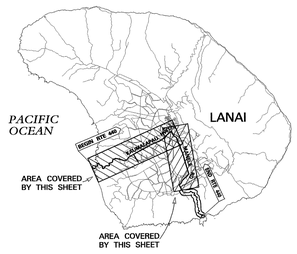
Right of Way Fence: Type – Right and Left: NONE

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (440A–01–92M, (R), 1992)

Project No., Type of Construction, and Year Constructed: (440A–01–99M, Resurf, 2000) | STATE | 440A–01–03M, Resurf, 2005 | 440A–01–02M, (R) 2003 | 440A–01–96M, 1997 | STP – 0440(6) Resurf. | 440B–01–04M, Resurf., 2005 | STATE | (440B–01–04M, Resurf., 2005)

Project No., Type of Construction, and Year Constructed: HWY – M – 02 – 97M, Shldr. Paving, 1998 | Worksite #1 1996 | 440B 01 – 98M 1999 (Resurf.) | STP–0440 (5), 1995 (Resurfacing & Improvements)



Road Diagram

* MP = Milepost Signage

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

"Begin State Hwy." Sign, Milepost 0 | Old Kaumalapau Hwy. | Paved Road Refuse Road | Culvert | Kaupili Road | Tractor Xing | Begin Divided | Airport Road (L) | Dirt Road (R) | End Divided | Pineapple Station Road | Pineapple Station Rd. | Pineapple Station Rd. | Pineapple Station Rd. | Pineapple Station Road | Culvert | Nikki Road | Tractor Xing | Pineapple Road | Road (L) | Road (R) | Dirt Road | Dirt Road | Inter. of Kaumalapau Hwy & Manele Road | Huna Wai Street | Kaumalapau | Manele Rd. | This diagram shows a 150' segment of 440A to be included as part of Rte. 440. | Palawai Road | Culvert | Milepost #9 | Culvert | Culvert | Paved Road (Rte 440 Angle Pt.) | Culvert

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

0.00 mi. | 0.65 mi. | 0.99 mi. | 1.99 mi. | 2.25 mi. | 2.26 mi. | 2.40 mi. | 2.56 mi. | 2.85 mi. | 3.00 mi. | 3.13 mi. | 3.23 mi. | 3.42 mi. | 3.71 mi. | 3.72 mi. | 3.88 mi. | 3.95 mi. | 4.16 mi. | 4.18 mi. | 4.31 mi. | 4.63 mi. | 4.84 mi. | 5.00 mi. | 5.22 mi. | 5.57 mi. | 5.97 mi. | 6.03 mi. | 7.02 mi. | 7.52 mi. | 8.01 mi. | 8.92 mi. | 9.01 mi. | 9.38 mi. | 9.72 mi. | 9.97 mi. | 9.98 mi.

CONT. ON SHEET # 2

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 6' AC | 6' GRV | 6' AC | 6' GRV | 6' AC | 2' AC — 4' GRS/GRV — 25' Grass / 25' Dirt
- Pavement: Width and Type: 24' AC | 12' AC | 24' AC | 20' AC
- Shoulder: Width and Type: ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED: 6' AC | 6' GRV | 6' AC | 0 | 6' AC | 8'GRV | 15' | 12' | 25' | 6' – 10' | 25' | 2' AC — 4' GRS/GRV — 8' — 25' Dirt

Divided Highway
- Median: Width and Type: 12' PAINTED AC | 0 | 12' AC | 6' AC
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2–12' | 2–10'

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

(Right Side)

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

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

Curb and/or Gutter: Type (Right and Left): GUTTERS — ALL METAL ON METAL

Protective Devices: Type, Location and Number: NONE

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 | ROLLING | FLAT

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B76 0440 00000 | B76 0440 00323 | B76 0440 00597 | B76 0440 00656 | (B76 0440 00972)

HPMS Section

AADT (Year 2005): 200 | 1,264 | 1,998 | 778

DOD Sections: COUNTY

Census Tracts

Functional Classification: MAJOR COLLECTOR (7)

National Highway System (NHS): NONE

Previous Projects: Project No., Date and Limits
- HWY – M – 02 – 97M, Shldr. Paving, 1998
- 440A–01–99M, Resurf. 2000
- 44A–02–88, Shldr.Imp, 1988 | 440A–01–90M, Shldr. Paving, '90 | 440A–01–90M, Shldr. Paving, 1998 | 440A–01–96M, 1997 | STP–0440(6) Resurf. Worksite #1 1996 | 440B–01–88M (R) 1987
- RS–0440(2) Resurf. 1986 | RS–0440(3) Resurf. 1987 | STP–0440(5) 1995 (Resurfacing & Improvements)
- 440A–01–78M Resurf. 1979 | (440–A–01–81M Imprv. 1981) | 440A–01–73 Resurf. 1975 | COUNTY
- 440A 02 81 Imprv. 1981 | S–0440(1) 1959, '60 | STA. 310+73.91 —▷

SCALE: (In Miles) 2" = 1 mile

Date Released
Dec. 2002 T.S.

Revised	
Feb. 04	D.B.
Aug. 04	D.B.
Feb., 06	D.B.
Nov., 06	D.B.

ROAD INVENTORY

LANAI RTE. 440
MANELE ROAD, AIRPORT ROAD

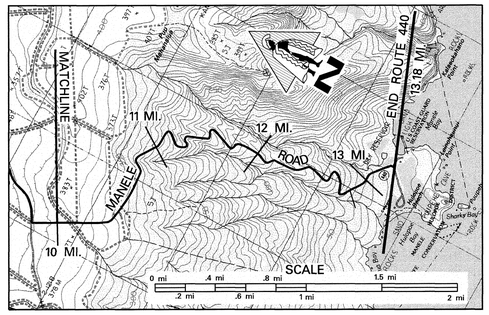
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

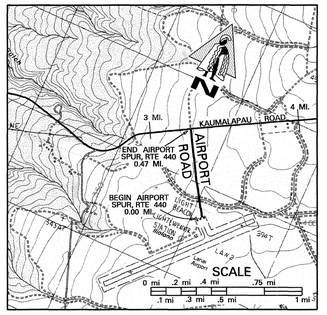
PREPARED BY THE HIGHWAY PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

* 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 _____



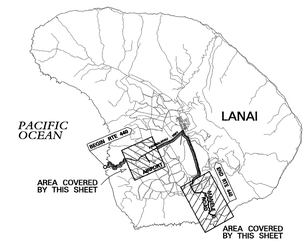


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

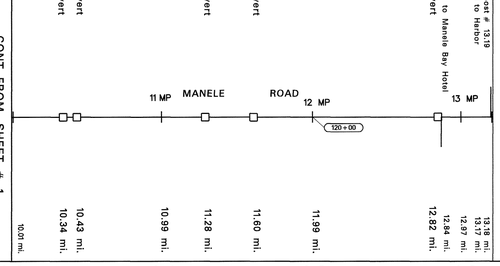
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	NONE
	Vertical Clearance	
	Horizontal Clearance	
Structure over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		30'
Available Right of Way Width (Needs Study)		Clear 1000' Trees & Pineapple Fields 15'– 25' from edge of pavement
Right of Way Fence: Type – Right and Left		NONE
Control of Access: 1–None, 2–Partial, 3–Full		NONE (Worksite #2 1996)
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		State 106+00 171+50
Project No., Type of Construction, and Year Constructed		440B–01–04M, Resurf., 2005
Project No., Type of Construction, and Year Constructed		440A–01–92M(R) 1992

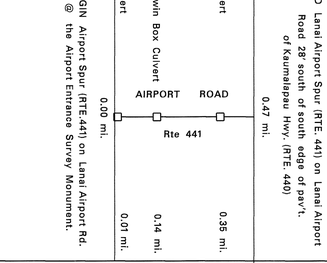
440B (7.21 mi.)	End 440 B Same as End Route	Beg 440 A Same as Beg. Airport Road (Spur)	440A (0.57 mi.)	End 440 A Same as End Airport Road (Spur)
30'			40'	
Clear 1000' Trees & Pineapple Fields 15'– 25' from edge of pavement			Clear 1000' Pineapple Fields 15' from edge of pavement	
NONE			NONE	
NONE			NONE	
State			STATE	
440B–01–04M, Resurf., 2005	STP–0440(6) (Resurface)		440A–01–88M Resurf.	
440A–01–92M(R) 1992			1987	



Road Diagram

* MP = Milepost Signage





SCALE: (In Miles) 2" = 1 mile

Divided Highway Undivided	Shoulder: Width and Type	ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED	25' Dirt	All Gravel	6'	6'
	Pavement: Width and Type				20' AC	20' AC
	Shoulder: Width and Type	ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED	25' Dirt	All Gravel	4'	3'
	Median: Width and Type					
	Shoulder: Width and Type					
	Pavement: Width and Type					
	Shoulder: Width and Type					
Number of Traffic Lanes			2–10' 2–11' 1-13'		2–10'	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)						
(Right Side)						
Frontage Road: No. of Lanes, and Width (Right and Left)			NONE			
Sidewalk: Width and Type (Right and Left)			NONE		NONE	
Curb and/or Gutter: Type (Right and Left)						
Protective Devices: Type, Location and Number					NONE	
Illumination: Type, Location and Number					NONE	
Curves: Degree of Curvature (Right and Left)						
Superelevation (Range)						
Grades: % Grade, Positive or Negative						
Vertical Curve: Crest or Sag, Curve Limits						
Area and Development:			RURAL		RURAL	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous			FLAT MOUNTAINOUS FLAT		FLAT	
Speed: 1–Design, 2–Posted			35 MPH (2) 25 MPH (2) (Not Posted)	NOT POSTED	15 MPH (2)	
Intersection Control Devices: Type, Location and Cycle Timing						
Traffic Station			B76 0440 00972; B76 0440 01059; B76 0440 01176; B76 0440 01282		B76 0441 00000	B76 0442 00000
HPMS Section			10.99; 12.78; 13.06		0.15	0.02
AADT	(Year 2005)		778; 778; 582; 582		3,050	5,395
DOD Sections						
Census Tracts			COUNTY			
Functional Classification			MAJOR COLLECTOR (7)		MAJOR COLLECTOR (7)	(MAJOR COLLECTOR (7))
National Highway System (NHS)			NONE		NONE	NONE
Previous Projects: Project No., Date and Limits						
			440A – 01 – 92M(R) 1992		S – 0440(1)	
			440B – 01 – 82M(R) 1982; 440B – 01 – 83M(R) 1983		1959	

SCALE: (In Miles) 2" = 1 mile

Date Released
Dec 2002, T.S.

Revised	
Feb. 04	D.B.
Aug 04	D.B.
Feb. 06	D.B.
Nov., 06	D.B.