STATE ROUTE SYSTEM

COUNTY OF KAUAI

ISLAND OF KAUAI

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 2008

N

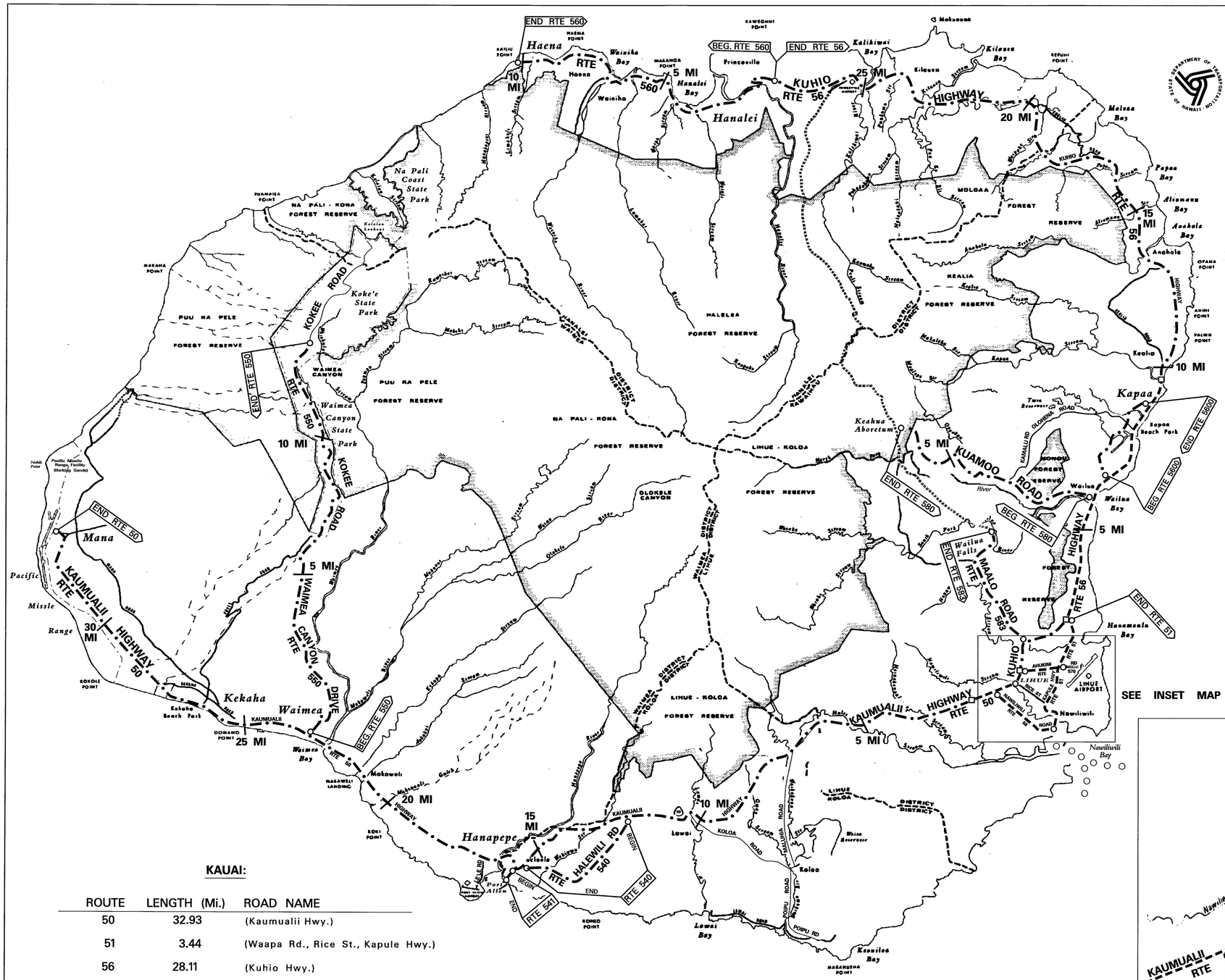
SCALE

1 0 1 2 3 4 MILES

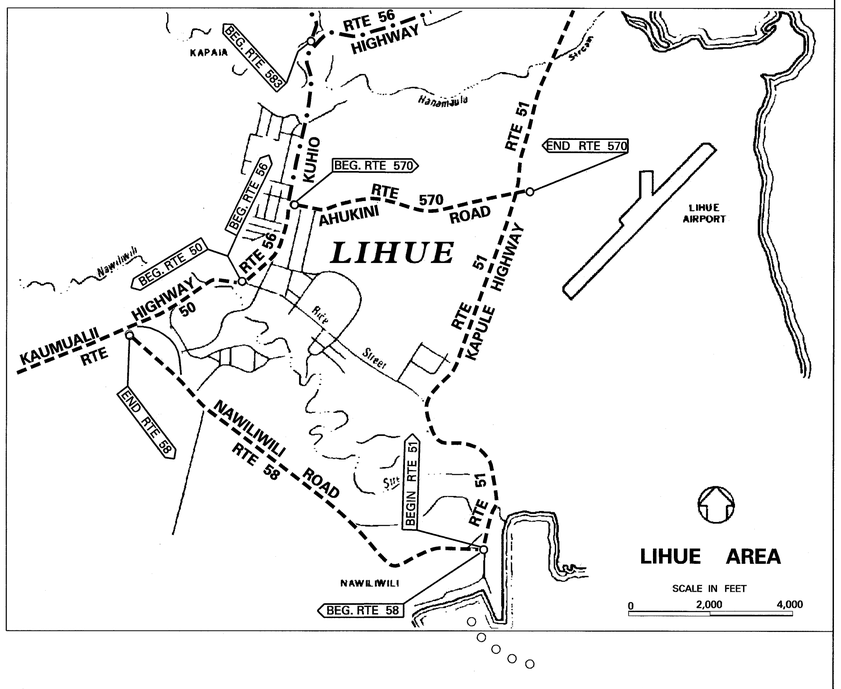
1 0 1 2 3 4 KILOMETERS

LEGEND

- STATE (NHS)
- STATE (Non–NHS)
- WATER (NHS)
- o Route termini point
- □ NHS to non–NHS transition point



SEE INSET MAP



LIHUE AREA

SCALE IN FEET
0 2,000 4,000

KAUAI:

ROUTE	LENGTH (Mi.)	ROAD NAME
50	32.93	(Kaumualii Hwy.)
51	3.44	(Waapa Rd., Rice St., Kapule Hwy.)
56	28.11	(Kuhio Hwy.)
58	2.06	(Nawiliwili Rd.)
540	3.87	(Halewili Rd.)
541	0.37	(Waialo Rd.)
550	14.10	(Waimea Canyon Drive, Kokee Rd.)
560	10.01	(Kuhio Hwy.)
570	1.12	(Ahukini Rd.)
580	6.68	(Kuamoo Rd.)
583	3.92	(Maalo Rd.)
5600	3.08	(Kapaa Bypass Rd.)
TOTAL =	109.69	

Date Released	
Dec 2002,	JK
Revised	
Apr. 04	D.B.
May 06	D.B.
Jun. 07	D.B.

DISCLAIMER: This product is for informational purposes only and may not be suitable for legal, engineering, or surveying purposes. This information is provided with the understanding that conclusions drawn from such information are the responsibility of the user.
If you feel the information shown on this product is questionable, please contact the State of Hawaii, Highways Division, Planning Branch, at gishelp.hwyp@hawaii.gov or at (808) 587–6351 to report the issue.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

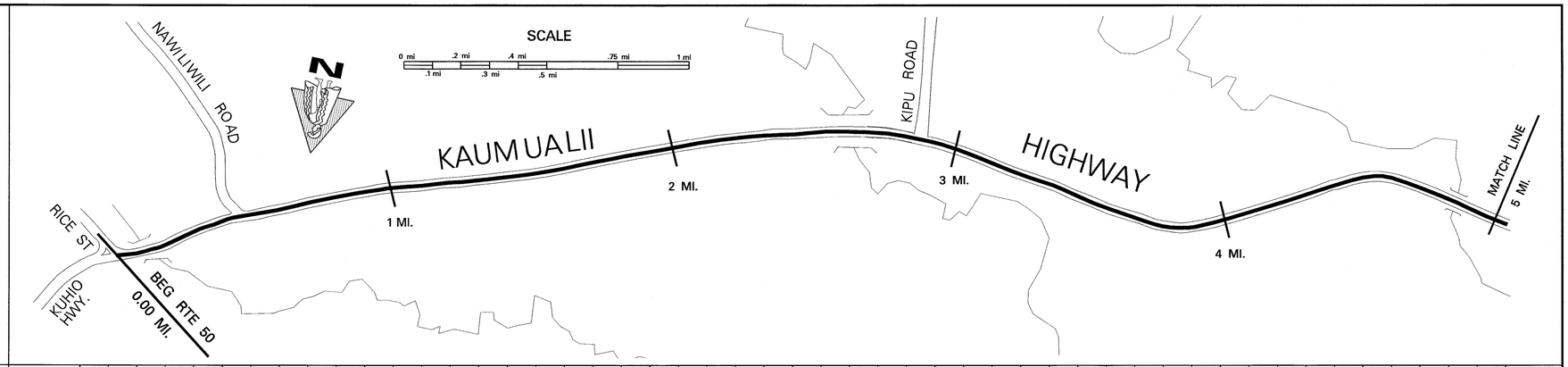
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

END 50E – SAME AS BEGIN RTE 50. | 50E (1.74 MI.) | BEG. 50E – END 50D ON KAUMAUALII AT THE CENTERLINE INTER. w/ PUHI RD. 1.74 | 50D (8.63 MI.)

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Conc. Flume 1918 (72', 309', 0.13, 0.17); RC FLAT SLAB ON I STRG. (STR), 1936; RC TWIN BOX CULVERT (STR) 1950, H20 (25', 2.62); PRESTRESSED CONC. GIRDER HS-20-44, 1990 (428', 4.80)
- Vertical Clearance
- Horizontal Clearance

Structure Over Road

- Vertical Clearance: (38', 24', 40', 52')
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60', 80', 0.38, 0.45, 60', 1.45, 80', 1.57, 60', 1.88, 1.89, 60', 2.08, 2.02, 80', 2.28, 60', 2.63, 120', 2.80, 60', 2.87, 2.97, 80', 3.57, 3.61, 60', 4.19, 70', 4.26, 130', 4.49, 80', 4.67, 120', 4.80, 150', 4.98 (80', 100', 110', 170', 60')

Available Right of Way Width (Needs Study): Residential + Commercial 0.32; Trees + Bushes 0.57; Sugar Cane 1.08; Residential 2.02; Sugar Cane 4.02; Trees 4.78

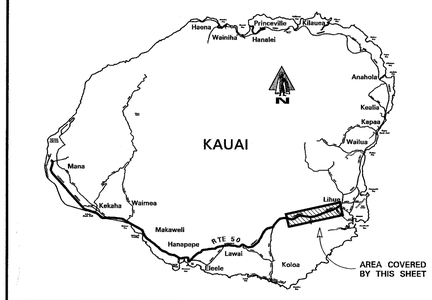
Right of Way Fence: Type – Right and Left: W/W 30'FEP 1.08–1.37; W/W 1.56; W/W 30' FEP 4.01–4.31

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: (50E-01-98 Realignment 2001) 0.12; 50DE-01-05M (R) 2006 0.17–1.79; (HWY-K-03-04M, RESURF., 2008) 2.81–3.01

Project No., Type of Construction, and Year Constructed: (LIHUE PLANTATION PROJECT, 1964) 0.02; (HWY-K-01-78M (R), 1978) 0.22; STP-050-1(19), 1998 1.45; STP-050-1(22), Guardrail & Shoulder Imprv., 2002



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* Milepost Signage

Begin Route 50 on Kaumualii Highway at the ℄ Intersection with Kuhio Highway and Rice Street.

0.00 mi. 0 MP; Lihue Mill Br. 0.09 mi.; Hoomana Rd. 0.11 mi.; Lihue Plantation End Divided Hwy. 0.16 mi.; Spur to Rice St. 0.17 mi.; Hala Road 0.38 mi.; Beg Divided Hwy 0.47 mi.; Uahi Road 0.54 mi.; Nawiliwili Road (Rte 58) 0.65 mi.; Driveway 0.72 mi.; Kalepa Street 0.80 mi.; End Divided Hwy 0.92 mi.; Dirt Road 1.01 mi.; 1 MP; Beg Divided Hwy 0.97 mi.; Nuhou Street 1.23 mi.; Truck Weight Sta. 1.23 mi.; End Divided Hwy & Truck Weight Sta. 1.33 mi.; Kilohana Complex 1.39 mi.; Beg Divided Hwy Nani Street 1.53 mi.; Puhi Rd. (L)(R) Driveway 1.71 mi. 1.74 mi.; (Kauai Community College) 1.58 mi.; End Divided Hwy 1.82 mi.; Beg Divided Hwy 1.86 mi.; Antonil St. 1.93 mi.; End Divided Hwy 2.00 mi.; Dirt Road 2.10 mi.; Rd. to Nursery 2.46 mi.; Road to Brewer Chemical Honokaunalehua Str. Culvert 2.67 mi.; Cane Haul Rd. 2.62 mi.; Beg Divided Hwy 2.88 mi.; Kipu Rd. 2.95 mi.; 102+55; 3 MP; ECB 2.92 mi.; End Divided Hwy 2.96 mi.; KAUMUALII HIGHWAY; Paved Rd. 3.03 mi.; Cane Haul Rd. 3.35 mi.; Indicates Grass & / or Physical Barrier on Median.; Cane Haul Rd. 3.47 mi.; 4 MP; ECB Begin Divided Hwy 3.97 mi.; Huleia Bridge (Halfway Bridge) 3.98 mi.; Rd. to Quarry (R) 4.55 mi.; End Divided Hwy 4.58 mi.; 4.73 mi.; 4.80 mi.; 4.99 mi.

CONTINUED ON SHEET #2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

- Shoulder: Width and Type: 8' AC; 6' AC; 8' AC; 4'–10' AC; 8' AC; 4' AC; 6'–8' AC; 4' AC; 6'–8' AC; 6'–8' AC; 5' AC; 8' AC; 8' Conc.; 8' AC
- Pavement: Width and Type: 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC (24' AC)
- Shoulder: Width and Type: 2' AC; 10' AC; 8' AC; 4'–8' AC; 8' AC; 8' AC; 4'–8' AC; 6'–8' AC; 6'–8' AC; 6'–8' AC; 5' AC; 8' AC; 18' AC; 8' AC; 4' AC

Divided Highway – Median

- Median: Width and Type: (4'–16' Raised Grass/Shurbs); (0–12' Painted AC); 0'–12' Painted AC; 0'–10' Painted AC; 0'–20' Painted AC; 0'–12' Painted AC; 0'–10' Painted AC; 0'–12' Painted AC

Divided Highway – Divided

- Shoulder: Width and Type: 2' AC; 0; 0; 0; 0; 0; 0
- Pavement: Width and Type: 12' AC; 12' AC; 12' AC; 12' AC; 12' AC; 12' AC
- Shoulder: Width and Type: 10' AC; (4'–8' AC); 8' AC; 8' AC; 8' AC; 4' AC; 8' AC; 6'–8' AC; (6'–8' AC); 5' AC; 3.02; (6'–8' AC); 8' AC; 8' Conc.; 8' AC; 4' AC

Number of Traffic Lanes: (2–12' (L) 0.05; (1–12' (R) 0.11); 2–12'; 2–12'; 1–12'; 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): Accel. 0.55–0.89; 12' TL 1.14–1.36; 1–12' (R) TL 2.85–3.40; 1–12' (L) TL 2.23–2.46; 1–12' (L) TL 4.65–4.88

(Right Side): 1–12' (Accel. Lane) 0.31

Frontage Road: No. of Lanes, and Width (Right and Left): (6'–8' Conc.) 0.65–0.89; None; 4.63–4.78

Sidewalk: Width and Type (Right and Left): 4' Conc. 0.37; (6' Conc.)

Curb and/or Gutter: Type (Right and Left): (2' Conc. Curb/Gutter) 1'; 0.09; (6' Conc. Gutter) 4.87; (6' Conc. Gutter) 4.98

Protective Devices: Type, Location and Number: Conc. w/ Metal 0.21; Metal w/ Metal 1.82–2.25; Metal w/ Metal 2.65–2.77; Metal w/ Metal 3.75–4.16; Metal w/ Metal 4.29–4.38; (Metal w/ Metal)

Illumination: Type, Location and Number: Metal w/ Metal 0.23; (Wood w/ Wood) 1.33–1.19; Metal w/ Metal 2.05–2.27; (Metal w/ Metal) 2.64–2.65; (Metal w/ Metal) 2.93–3.04; Metal w/ Metal 3.53–4.38; Metal w/ Metal 4.78; Luminairs 0.15

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2) 0.00–1.74; Rural (1) 1.74–5.00

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling 0.02; Flat 1.24; Rolling 2.87; Flat 3.38; Rolling

Speed: 1–Design, 2–Posted: 25 MPH ② 0.31–0.32; 35 MPH ② 2.00–2.01; 40 MPH ② 3.14–3.41; 50 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase 0.56–0.65; 3 Phase 0.60–1.23; 3 Phase 1.62–1.74

Traffic Stations (Current Year): B73 0050 00000 0.56; B73 0050 00065 1.62; B73 0050 00174 2.64; 3.40; B73 0050 00295; (B73 0050 00494)

HPMS Sections – AADT 2007: 27,145; 27,485; 27,485; 25,310; (24,345)

HPMS Sections – AADT 2006: 28,876; 27,209; (26,310); 27,209; 25,056; (24,100)

HPMS Sections – AADT 2005: 24,318; (25,443); (29,281); 29,364; 27,396; 23,264; 24,075; 24,075; 23,828; 23,828

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (14) 0.00–1.74; Principal Arterial (2) 1.74–5.00

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

Previous Projects: Project No., Date and Limits

0.22 STP-050-1(19), 1998
HWY-K-03-96, 1997 Inter. Imprv. 3.40
2.96 STP-050-1(15) (R), 1996
(HWY-K-03-96, 1977) 2.88–2.97
(BR-F-050-1(7), 1990 (BRDG & APPRCH)) 4.53
(HWY-K-03-82, 1983 (GUARDRAIL & SHOULDER IMPRV.)) 4.67
0.23 0.59 0.71 0.94 STP-050-1(15) (R) 1996
(50E-01-92M (R), 1993) 0.96
50 DE-01-86M (R), 1986 2.98
50D-01-87M (R), 1987 3.04
4.21 50 DE-01-86M, 1986 4.49
4.61 LT-K-02-79, 1980
1.59 HWY-K-01-76M (R) 1976
(Lihue Plantation Project, 1964) 0.02
0.15 F-24(2) 1950
0.60 HWY-K-01-78M (R)
1.34 D-50-01-63, 1965
FAP 12 F, 1937
2.97 F12 (17), 1951
3.28 D-50-01-65, 1965
3.33 (177+00) FAP 12-G, 1935
4.31 (229+00) FAP 12 I, 1937
4.89 (50-D-03-69 1971)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Sept. 06	D.B.
Mar. 09	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

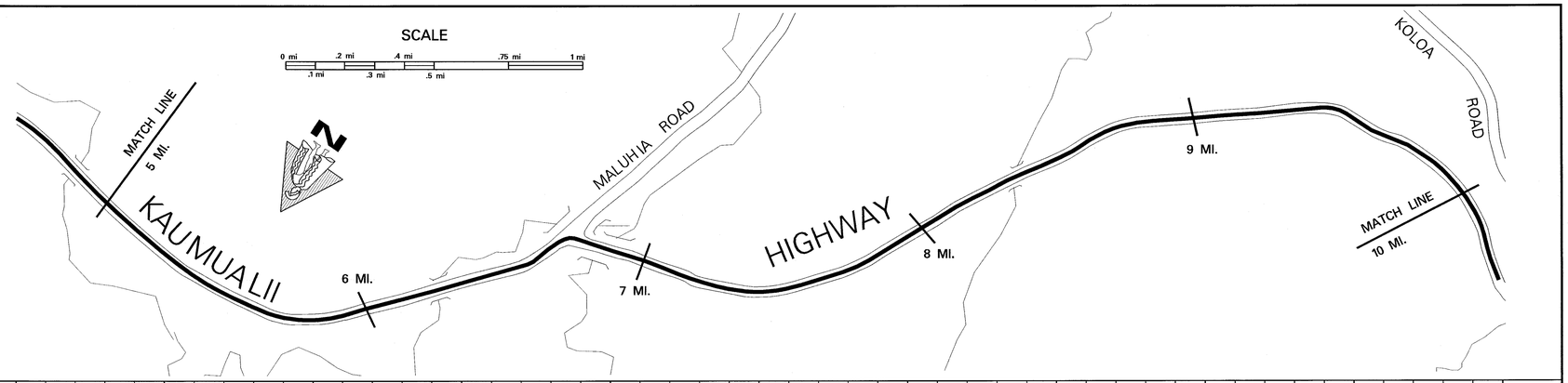
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 32.93 MILES (a+b)
- a. Existing Length: 32.93 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 32.93 MILES (a+b, less c)
- a. Existing Length: 32.93 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 50D (8.63 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- RC FLAT SLAB, H-15 (STR) 1937 — 39'
- RC FLAT SLAB, H-15 (STR) 1934 — 22'
- CONT. CONC. TEE, H-15 (STR) 1934 — 140'

Vertical Clearance: 6.22 / 6.80 / 8.27

Horizontal Clearance: 24' / 24' / 24'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' (5.46) 100' (5.76) 60' (6.38) 65' (6.56) 60' (7.54) 7.56 60' (7.83 – 7.87) 60' (8.16 – 8.22) 80' (8.52) 60' (8.86 – 8.87) 100' (9.00) 60' (9.14) 90' (9.42) 100' (9.67 – 9.69) 70' (9.73 – 9.77) 80' (9.93 – 9.95) (120')

Available Right of Way Width (Needs Study): Trees (5.33) Sugar Cane (7.96) Bushes & Trees

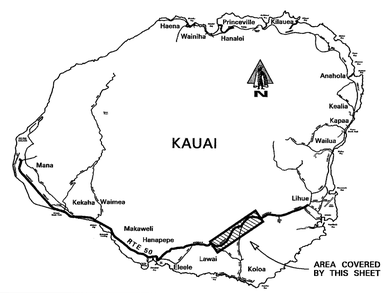
Right of Way Fence: Type – Right and Left: NONE

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: (STP-050-1(24), GUARDRAIL/SHOULDER IMPRV., 2005) (5.42 – 5.56); 50D-01-00M, Resurf., 2002 (7.17 – 8.54)

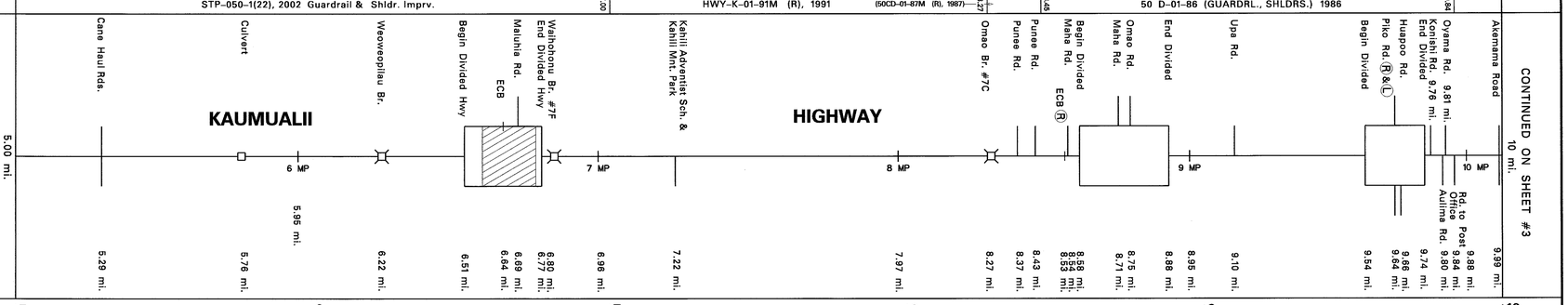
Project No., Type of Construction, and Year Constructed: STP-050-1(22), 2002 Guardrail & Shldr. Imprv. (5.42 – 7.00); HWY-K-01-91M (R), 1991 (7.00 – 8.27); (50CD-01-87M (R), 1987) (8.27 – 8.45); 50 D-01-86 (GUARDRL., SHLDRS.) 1986 (8.45 – 9.84)



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: 8' AC (5.42) 4' AC (7.85) 6' AC (8.25) 3' AC (8.71) 4' AC

Pavement: Width and Type: (24' AC) 36' AC (5.01) (5.38) 24' AC 12' AC 24' AC (7.97) 36' AC (8.18) 24' AC (12' AC) (8.61) 24' AC (8.87) (12' AC) 24' AC 12' AC 24' AC

Shoulder: Width and Type: (4' AC) 8' AC (5.01) (5.38) 18' AC 4' AC 0 4' AC (8.57) (6' AC) 0 8' AC (8.95) 4' AC 0 4' AC

Median: Width and Type: (0'–8' Painted AC) (6.51) (6.57) 4'–12' Flush Grass (6.75) (6.77) (4'–0' Painted AC) (8.68) 0'–12' Painted AC (8.88) (9.54) 0'–11' Painted AC (9.74)

Shoulder: Width and Type: 0 / 0

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

Shoulder: Width and Type: 4' AC / (6' AC) 8' AC / 4' AC

Number of Traffic Lanes: (2–12') 1–12' 2–12' 1–24' (5.38) 2–12' (7.97) 2–12' 1–12' (8.18) 2–12' (8.61) 2–12' 1–12' (8.87) 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' Accel Lane (6.44 – 6.69); 12' Truck Climb Lane (L) (7.85 – 8.25); 12' Truck Climb Lane (L) (8.66 – 8.91); (Right Side): 12' Turn Lane (6.46); 1–10' (L) T.L. (8.69); 1–12' (L) T.L. (9.64 – 9.70); (9.83 – 9.86)

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): 6' Conc. Gutter (5.07) 6' Conc. Gutter (5.29); 4' AC Gutter (8.61 – 8.82) (8.92 – 9.64)

Protective Devices: Type, Location and Number — ALL METAL RAILS ON METAL POSTS: (Metal w/ Metal) (5.07 – 5.27) (5.68 – 5.70) (5.78 – 6.20) (6.35 – 6.42) (6.98 – 7.00) (7.09 – 7.10) (7.14 – 7.16) Metal w/ Metal (7.35 – 8.04) Metal w/ Metal (8.44 – 8.55) Metal w/ Metal (9.31 – 9.51) Metal w/ Metal (9.55 – 9.63)

Illumination: Type, Location and Number: M.V. (8.44) M.V. (9.63)

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 (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling (7.97) Mountainous

Speed: 1–Design, 2–Posted: 50 MPH ② (9.47) 35 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B73 0050 00494 (5.40) B73 0050 00546 (6.60) 7.00 B73 0050 00669 (8.88) B73 0050 00875 B73 0050 00964

HPMS Stations – AADT 2007: 24,345 25,885 16,300 16,130 15,040

HPMS Stations – AADT 2006: 24,100 (5.46) 25,629 (6.69) 16,139 (8.75) 15,969 (9.64) 14,889

HPMS Stations – AADT 2005: 23,828 24,522 (6.55) (6.72) (6.80) (12,808) 12,808 (7.29) 12,808 (8.00) 12,808 (8.27) 12,808 (8.65) 14,155 (8.86) 14,155

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (2) (6.69) Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits: 50D-01-99M (R), 2000 (5.42 – 6.81); HWY-K-01-91M (R), 1991 (6.81 – 8.27)

Previous Projects: Project No., Date and Limits
- (BR-F-050-1(7) (BRIDGE & APPROACH), 1990) — STP-050-1(19), 1998 (5.42 – 5.44); (50D-01-98, Accel. Ln., 2000) (5.42 – 6.39 – 6.70)
- HWY-K-03-82 (GUARDRAILS & SHOULDER IMPROVEMENTS), 1983 (8.31)
- (LT-K-02-79, 1980) (5.01) — 50 D-02-88M (R), 1988 (5.41 – 6.81); (50 CD-01-75M, 1975) (8.30 – 8.55); STP-050-1(11), R, 1993 (8.54 – 8.95); 50D-02-76, R, 1976
- HWY-K-01-76M (R), 1976 (6.53 – 6.57); 50 CD-01-75M, 1975 (7.86)
- 50-D-03-69, 1971 (5.36); D-50-01-64, 1964 (5.88); K-01-72, 1972 (6.39)
- WHP-12H, 1935–1937 (6.65); 50D-01-67, 1968 (7.86 – 8.27)
- (FAP 12 I, (1937)) (5.06 (209+00)) (6.53 (263+03)) (0+00) NRH-12B, 1933 (7.92 (67+04)); 50 CD-01-70, 1974 (8.29 (179+75)); NRH-12B, 1933 (8.55 – 8.59); 50D-01-90M, 1990 (8.92 – 8.96); 50CD-01-75M, 1975 (102+92 – 124+55); (50D-01-67, 1968) (164+08)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

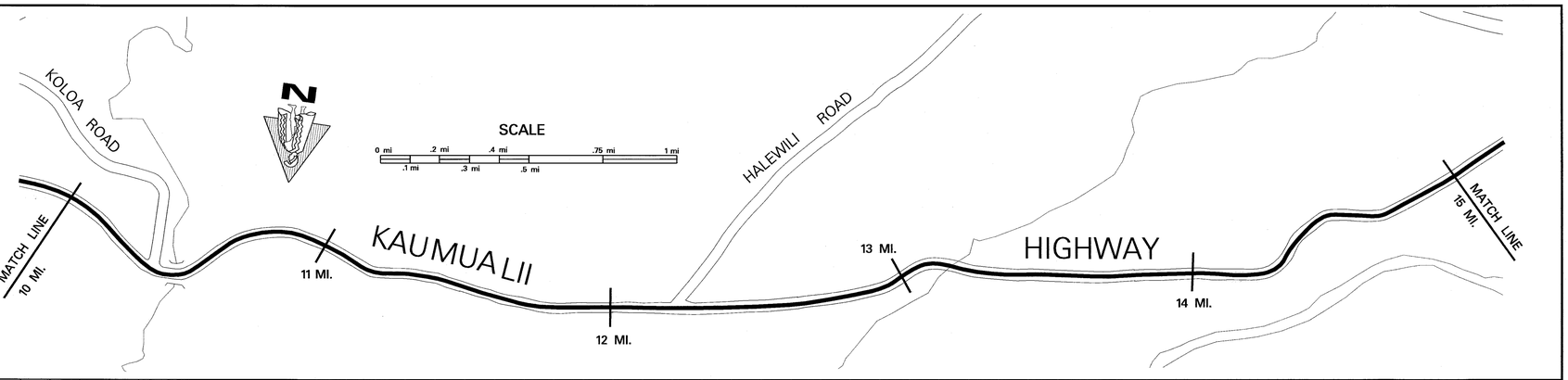
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 32.93 MILES (a+b)
- a. Existing Length: 32.93 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 32.93 MILES (a+b, less c)
- a. Existing Length: 32.93 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
- 50D (8.63MI.)
- BEG. 50 D & END 50 C ON KAUMUALII HWY. 100' EAST OF CENTERLINE INTERSECTION OF KOLOA RD.
- 50 C (6.65MI.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PRESTRESSED CONC. GIRDER 2003, HS-20-44 *BRIDGE WIDENING; CONT. CONC. FRAME 1936 (STR) ESH15
- Vertical Clearance: 112' (10.42); 180' (13.18)
- Horizontal Clearance: 60'; 24'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 120' 110' 80' 100' 80' 90' 120' (150') 210' (110') (100') 80' (90') (110') 120' (170') (135') 70' 60' 100' 60' 90' 100' (125') 135' 100' 60' 70' 80' 60'

Available Right of Way Width (Needs Study): Bushes & Trees; Clear 1000' Sugar Cane

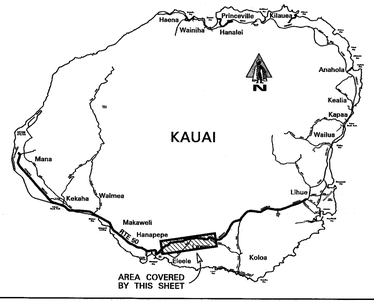
Right of Way Fence: Type – Right and Left: (Chain Link); W/W

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

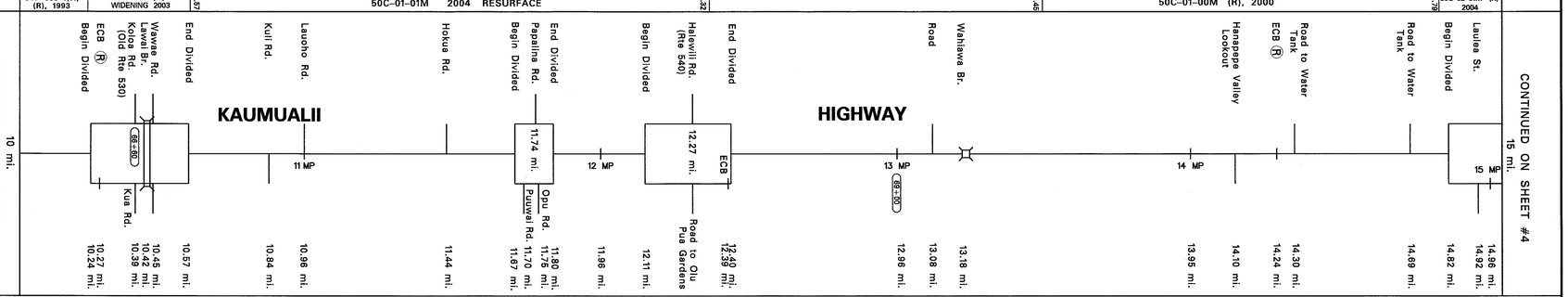
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 72+00 STATE

Project No., Type of Construction, and Year Constructed: 50CD-02-00M RESURF 2002; STP-050-1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005

Project No., Type of Construction, and Year Constructed: STP-050-1(11) (R), 1993; STP-050-1(17) WIDENING 2003; 50C-01-01M 2004 RESURFACE; 50C-01-00M (R), 2000; 50C-02-01M (R) 2004



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type: 4' AC; 6' AC; 4' AC; 6' AC
- Pavement: Width and Type: (24' AC) 36' AC; 24' AC 12' AC; 24' AC; 12' AC; 22' AC; 24' AC; 12' AC; (24' AC) (40' AC) 38' AC; 20' AC; 24' AC; 12' AC
- Shoulder: Width and Type: 4' AC; 0; 4' AC; 7' AC; 0; 4'–6' AC; 0; 6' AC; 0

Divided
- Median: Width and Type: 0–6' Painted AC; 0'–10.5' Painted AC; 0'–12' Painted AC; 0'–12' Painted AC
- Shoulder: Width and Type: 0; 0; 0; 0
- Pavement: Width and Type: 12' AC; 11' AC; 12' AC; 12' AC
- Shoulder: Width and Type: 4' AC; 4'–5' AC; (4' AC); 4'–8' AC; (4'–6' AC); 6' AC; 6' AC

Number of Traffic Lanes: (2–12') 2–12'; 2–12'; 1–12'; 2–12'; 2–14'; 2–10'; 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' Truck Climbing Lanes (L); 1–12' (R) T.L.; 1–12' (L) T.L.; 14' Truck (L) Climbing Lane; (1–11' Accel lane)

(Right Side): (All TLs 12'); 10.5' (L) T.Ls.; 1–12' (L) T.L.; 1–12' (R) T.L.

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): 3' Conc.; AC Gutter; 3' AC Gutter; 6' AC Gutter; 3' AC Gut.

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

Illumination: Type, Location and Number: M.V.; M.V.

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 (1)

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

Speed: 1–Design, 2–Posted: 35 MPH ②; 25 MPH ②; 35 MPH ②; 50 MPH ②; 35 MPH ②

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

Traffic Stations (Current Year): B73 0050 00964; B73 0050 01039; B73 0050 01175; B73 0050 01227; B73 0050 01318

HPMS Sections – AADT 2007: 15,040; 21,395; 18,055; 15,400; 14,175

HPMS Sections – AADT 2006: 14,889; 21,181; 17,875; 15,245; 14,031

HPMS Sections – AADT 2005: 14,155; 14,495; (14,495); (14,495); 20,884; 20,884; 18,091; (14,646); 13,288; 14,646

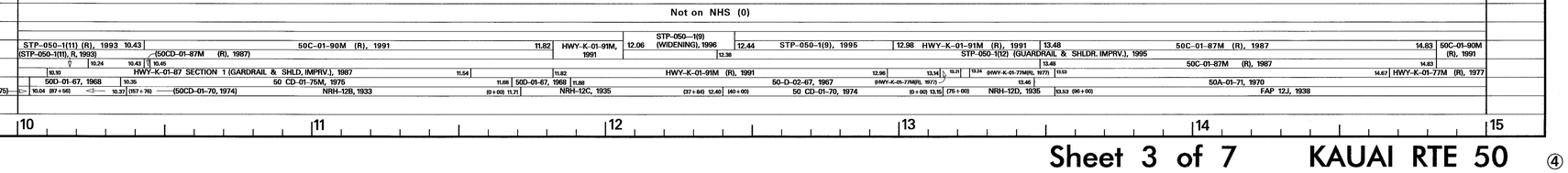
DOD Sections

Census Tracts

Functional Classification: Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

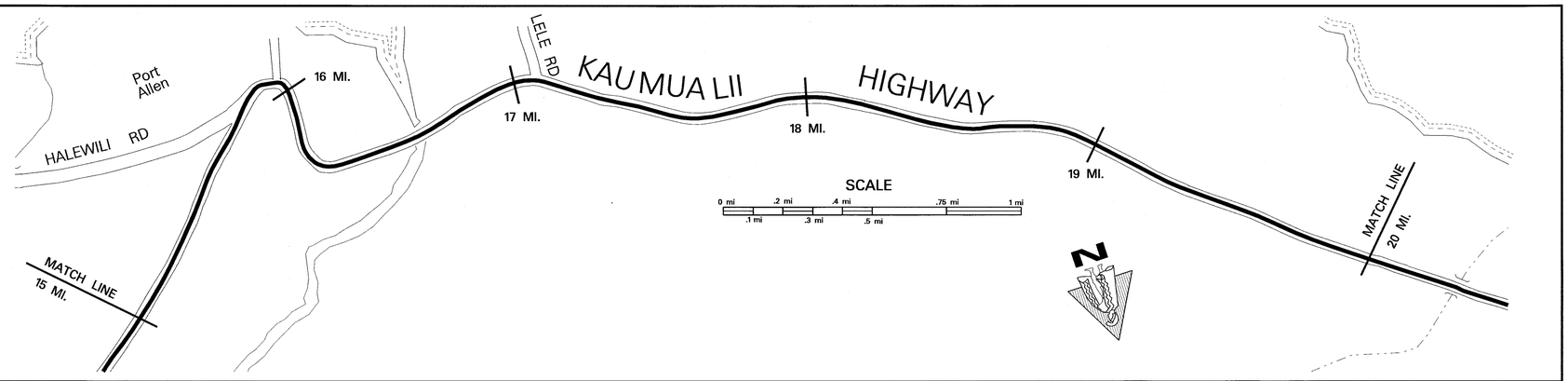
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 32.93 MILES (a+b)
- a. Existing Length: 32.93 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 32.93 MILES (a+b, less c)
- a. Existing Length: 32.93 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 50 C (6.65); END OF 50 B AND BEGIN 50 C ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH LELE RD.; 50 B (7.46 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1939, H15 44' (16.24); TEE BEAM 1938, H20 277' (16.57)

Structure Carrying Road — Vertical Clearance: 38'

Structure Carrying Road — Horizontal Clearance: 24'

Structure Over Road — Vertical Clearance: RC FLAT SLAB ON STEEL (PED. O.P.), 1939 (15.88); RC FLAT SLAB (PED. O.P.), 1948 15'-11" (18.74); RC DECK GIRDER (RD), 1948 15'-02" (19.00)

Structure Over Road — Horizontal Clearance: (90') 17.07; 31' (18.74); 40' (19.00)

Right of Way Width (min.–max.) if varies: 60' 15.17; 80' 15.26; 90' 15.87; 110' 16.04; 80' 16.33; 80' 17.05; 80' 18.81; 114' 18.86; 80' 19.46; 140' 19.58; 100' 19.70; 80' 19.86; 120' 19.92; 80'

Available Right of Way Width (Needs Study): Clear 1000' Sugar Cane 15.26; Commercial/Residential (w/ Sugar Cane) 16.00; Clear 1000' – Open Field 18.42; Residential 18.69; Sugar Cane 19.81

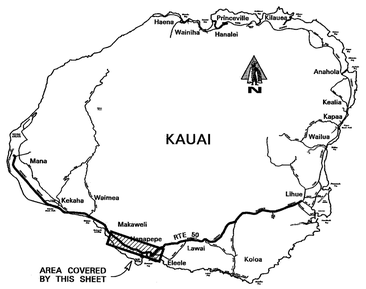
Right of Way Fence: Type – Right and Left: Wood 15.26; Wire on Wood 15.26

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

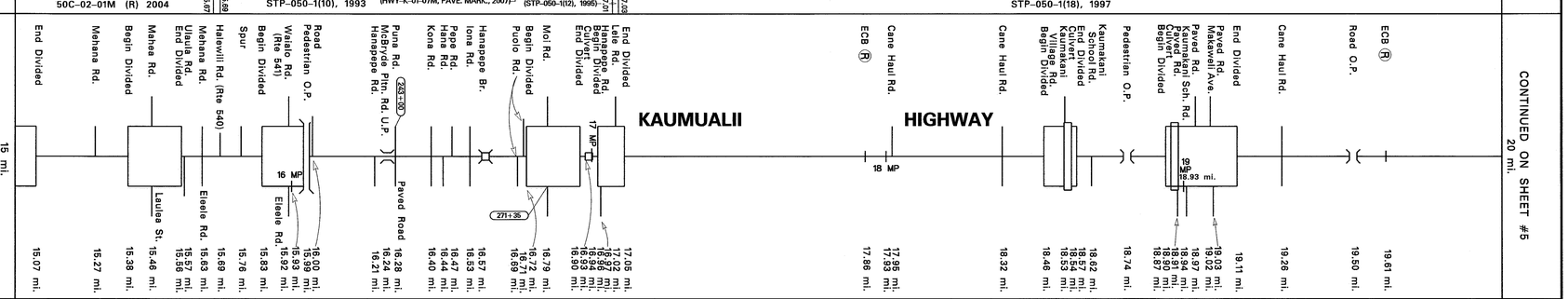
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: STP-050-1(24), GUARDRAIL & SHLDR. IMPRV., 2005 (16.32); (STP-050-1(14), 1998) 16.50; (HWY-K-02-98 (IMPRV.), 2000) 16.44; (HWY-K-02-98 (IMPRV.) 2000) 18.94; (HWY-K-02-98 (IMPRV.) 2000) 19.14

Project No., Type of Construction, and Year Constructed: 50C-02-01M (R) 2004 15.07; 15.69; STP-050-1(10), 1993 (HWY-K-01-07M, PAVE. MARK., 2007) 16.57; (STP-050-1(12), 1995) 17.01; 17.03; STP-050-1(18), 1997



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type: 6' AC; 8' AC 16.27; 6'–14' AC 19.04

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

Shoulder: Width and Type: 0; 6' AC; 0; 6' AC; 0; 8' AC 16.23; 6' AC; 0 16.32; 6'–14' AC 16.69; 0; 6'–14' AC; 0; 6'–14' AC; 0; 6'–14' AC; 0; 6' AC

Divided Highway — Median: Width and Type: 0'–12' Painted AC 15.07; 0'–8' Painted AC 15.38; 15.66; 15.83; 0'–12' Painted AC 15.98; 16.72; 0'–12' Painted AC; 0'–8' Painted AC 16.90; 16.96; 17.05; 0'–12' Painted AC 18.46; 18.67; 18.87; 0'–12' Painted AC 19.11

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

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

Shoulder: Width and Type: 6' AC; 6' AC; 6' AC; 16.34 4' AC; 6'–14' AC; 4' AC; 6'–14' AC; 9' AC

Number of Traffic Lanes: 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 80' T.L. 15.05; 12' T.L. 15.26; 12' T.L. 15.86; 12' T.L. 16.74; 11' (L) T.L. 16.98; 12' (L) T.L. 18.49; 12' T.Ls. 18.94; 19.02; 19.07; 19.49

(Right Side): 12' T.L. 15.47; 12' T.L. 15.92

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

Sidewalk: Width and Type (Right and Left): 4' Conc. 16.00; 16.23; 3' Conc. 18.43; 19.00; 19.07

Curb and/or Gutter: Type (Right and Left): Curb + Gutter 16.00; 4' AC 16.23; 16.27; 4' Conc. 16.23; Conc. Curb 18.48; 18.50; Conc. Curb 18.98; 19.34

Protective Devices: Type, Location and Number: 15.88; .90; 15.97 Metal w/ Metal; 16.24; Metal w/ Metal 16.63; 16.67; 16.86; Metal w/ Metal 17.48; (Metal w/ Metal) 18.21; 18.31; 18.63 Metal w/ Metal 18.91; Metal w/ Metal

Illumination: Type, Location and Number: Metal w/ Metal 15.46; 15.67; 15.86; M/M 15.96; 16.01; (Metal w/ Metal) M.V. 16.24; 16.62; 16.66; 16.86; (Metal w/ Metal) 18.22; Metal w/ Metal 18.86; Metal w/ Metal 19.73

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 (1)

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

Speed: 1–Design, 2–Posted: 35 MPH ② 17.12; 45 MPH ② 17.13; 17.26; 50 MPH ② 18.29; 45 MPH ② 18.36; 18.59; 35 MPH ② 19.12; 19.26; 19.37; 45 MPH ② 19.37; 35 MPH ②; 50 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: 4 PHASE 16.74

Traffic Stations (Current Year): 15.20 B73 0050 01318; B73 0050 01569 15.82; 16.09 B73 0050 01592; 17.86 B73 0050 01702

HPMS Sections – AADT 2007: 14,175; 18,095; 19,155; 12,770

HPMS Sections – AADT 2006: 14,031; 15.69; 17,915; 18.26; 18,964; 17.20; 12,640

HPMS Sections – AADT 2005: 14,646; 13,627; 18,159; (17,194); (17,194); 17,422; 16,089; (10,766); 12,827; 12,827; 11,650; 11,677

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits: (STP-050-1(14), 1998) 16.75; 16.90; STP-050-1(12) (GUARDRAILS & SHLDR. IMPRV.), 1995; 50C-01-90M (R), 1991 15.69; 17.01; 50B-02-93M (FOG SEALING), 1994; (HWY-K-01-77M (R), 1977) 15.11; 18.99; HES-050-1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990; 50A-01-71, 1970; 50A-01-71, 1971 15.95; SDC-01-76 SAFETY IMPRV. 1982 16.30; SD-65-364, 1965; 17.04; 17.06 (50B-01-74, 1974); 50B-01-86M (R), 1986; FAP 12J, 1938; (289+59.6) 17.21 (95+67.7); FAP 29B (1), 1938; 18.47 (27+20); FAP-F29(4), 1946

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
July 04	D.B.
Jan. 06	D.B.
Feb. 08	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

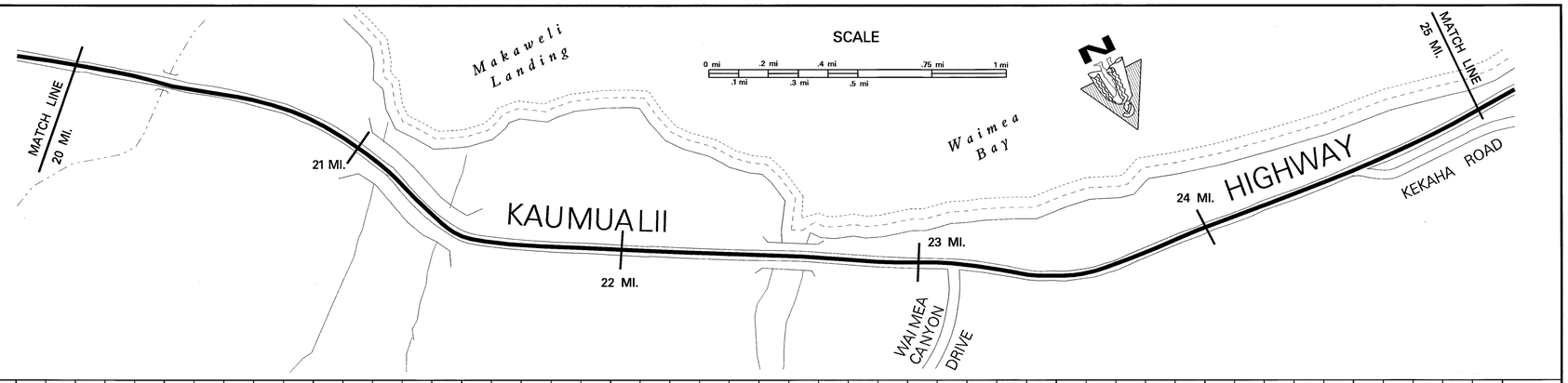
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 32.93 MILES (a+b)
- a. Existing Length: 32.93 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 32.93 MILES (a+b, less c)
- a. Existing Length: 32.93 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 50 B (7.46 MI.); END 50 A – BEG 50 B ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH KEKAHA RD. (24.48); 50 A (8.45 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- TEE BEAM 1948, H20, 115' (20.33)
- TEE BEAM 1948, H20, 50' (21.02)
- TEE BEAM 1948, H20, 75' (21.35)
- TEE BEAM 1940, H20, 365' (22.47)

Vertical Clearance: 26' (20.33); 26' (21.02); 26' (21.35); 24' (22.47)

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' (20.33); 120' (20.41); 80' (20.64); 120' (20.76); 100' (20.90); 80' (20.98); 90' (21.35); 80'

Available Right of Way Width (Needs Study): Sugar Cane; Trees + Bushes; Sugar Cane; Residential/Commercial; Residential; Ranch/Pasture (L), Sugar Cane (R); Trees & Bushes; (Residential (R) Beach (L))

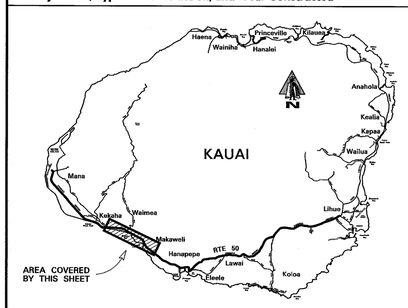
Right of Way Fence: Type – Right and Left: W/W 20'; W/W 20'; WW / WOOD / WW

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

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

Project No., Type of Construction, and Year Constructed: (HWY-K-02-98 (IMPRV.) 2000); STP-050-1(25), GUARDRAIL/SHOULDER IMPR., 2005; (F-050-1(1), 1957)

Project No., Type of Construction, and Year Constructed: STP-050-1(18), 1997; 50B-01-00M, Resurf., 2003; 50B-01-67, 1967; BD 66-341 (R), 1967



Road Diagram
* MP = Milepost Signage

CONTINUED FROM PAGE #4

20 mi. — 25 mi.

Makaweli Flume (O.P.) 20.27 mi.; Mahinauli Br. 20.33 mi.; Begin Divided; End Divided 20.54 mi.; Makaweli Post Office 20.62 mi.; Paved Road 20.69 mi.; Road to Makaweli Landing 20.82 mi.; Paved Road; Cane Haul Rd.; Aakukui Br. 21.02 mi.; 21 MP; ECB (R) 20.98 mi.; 20.99 mi.; 20.95 mi.; Mahaikona Br. 21.35 mi.; Cane Haul Rd. 21.41 mi.; Cane Haul Rd. 21.50 mi.; Gay & Robinson Plantation Rd. 21.93 mi.; 21.91 mi.; 22 MP; Road 22.28 mi.; Russian Fort Parking Lot 22.39 mi.; Waimea Br. 22.47 mi.; Ala Wai Rd. 22.59 mi.; Panaco Rd. 22.69 mi.; Halepule Rd. 22.78 mi.; Menehune Rd.; Moana Rd. 22.84 mi.; Ola Rd. 22.89 mi.; Pokole Rd. 22.96 mi.; 23 MP; Makeke Rd. 22.94 mi.; Waimea Canyon Dr. (Rte 560) 23.01 mi.; Roads 23.08 mi.; Haukai Rd. 23.14 mi.; 23.20 mi.; Brevery 23.33 mi.; Kikiaola Ranch 23.74 mi.; ECB 24 MP; 23.96 mi.; 23.93 mi.; Cultivert 24.48 mi.; Kikiaola Harbor Rd. 24.41 mi.; 24.40 mi.; Kekaha Rd. 24.68 mi.; Kikiaola Place 24.79 mi.; Mamo Rd. 24.93 mi.; 25 MP

KAUMUALII HIGHWAY

CONTINUED ON PAGE #6

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 6'–14' AC; 0 (22.44); 8' AC (23.07); (6' AC) (23.24); 4' AC

Pavement: Width and Type: 24' AC; 12' AC; 24' AC; 32' AC (22.98); 24' AC (23.05); 23' AC (23.11); 24' AC (23.29)

Shoulder: Width and Type: 6' AC; 0; 6' AC; 0; 4' AC

Median: Width and Type: 0'–8' Painted AC (20.54; 20.69)

Shoulder: Width and Type: 0

Pavement: Width and Type: 12' AC

Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2–12'; (2-12') (22.98); 1-12' (23.05); 1-20' (23.06); 1-12' (23.11); 1-11' (23.29); 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' (L) TLs (20.67; 20.82); 8' Parking Lanes (22.63); 8' Parking Lanes; 10' Diag Pkg; 8' Pkg (23.02; 23.17; 23.20)

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 3' Conc. (22.46; 23.26)

Curb and/or Gutter: Type (Right and Left): 4' Conc. (22.47; 23.13); Conc. Curb (22.81); Conc. Curb (22.47; 23.26); Conc. Curb (22.77); Conc. Curb (22.49; 23.11); (Conc. Curb + 2' Conc. Gutter); (Conc. Curb + 2' Conc. Gutter)

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

Illumination: Type, Location and Number: (1) M.V. (20.65); M.V. (22.59); M.V. (24.42); M.V.

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 (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling (22.25); Flat (24.81)

Speed: 1–Design, 2–Posted: 35 MPH ②; 45 MPH ② (20.41); 50 MPH ② (20.67); 45 MPH ② (20.83); 50 MPH ② (22.20); 35 MPH ② (22.49); 25 MPH ② (23.40); 35 MPH ② (23.60); 45 MPH ② (23.86); 50 MPH ②; 45 MPH ② (24.62); 35 MPH ② (24.78)

Intersection Control Devices: Type, Location and Cycle Timing: None

Traffic Stations (Current Year): B73 0050 01702; B73 0050 02247 (22.76); 23.41; B73 0050 02308; B73 0050 02452

HPMS Sections – AADT 2007: 12,770; 14,045; 10,260; 7,600

HPMS Sections – AADT 2006: 12,640; 13,902 (22.47; 23.06); 10,158; 7,524 (24.82)

HPMS Sections – AADT 2005: 11,677; 11,363 (22.10); (11,653) 13,718 (22.50; 22.59); 11,728 (22.99; 23.11); 10,473; 10,473 (23.88); (10,029) 8,123 (24.48)

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits
- STP-050-1(18), 1997 (21.36); STP-050-1(12) (GUARDRL. & SHLDR. IMPRV.), 1995
- STP-050-1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995 (22.50)
- 50B-02-93M (FOG SEALING), 1994 (20.36); (HES-050-1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990)
- 50B-01-92M (R), 1992 (22.50); STP-050-1(10) (R), 1993 (23.13); BD 66-341 (R) 1967 (24.34)
- STP-050-1(3) (R), 1995 (23.04)
- 50B-01-86M (R), 1986 (21.39); HW-K-01-78M (R), 1978 (23.12); LT-K-03-80M (R), 1980
- FAP-F29(4), 1946 (38+67.4) 22.04; FAP 29 A(1), 1938 (0+00) 22.78; FAP 29 D(0), 1940 (206+00.1) 22.96; 23.12; FAP 29D (1), 1941 (135+00) 24.13 (492+94); DAWR 1, 1942 – 1944

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Feb. 04	D.B.
July 04	D.B.
Jan. 06	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

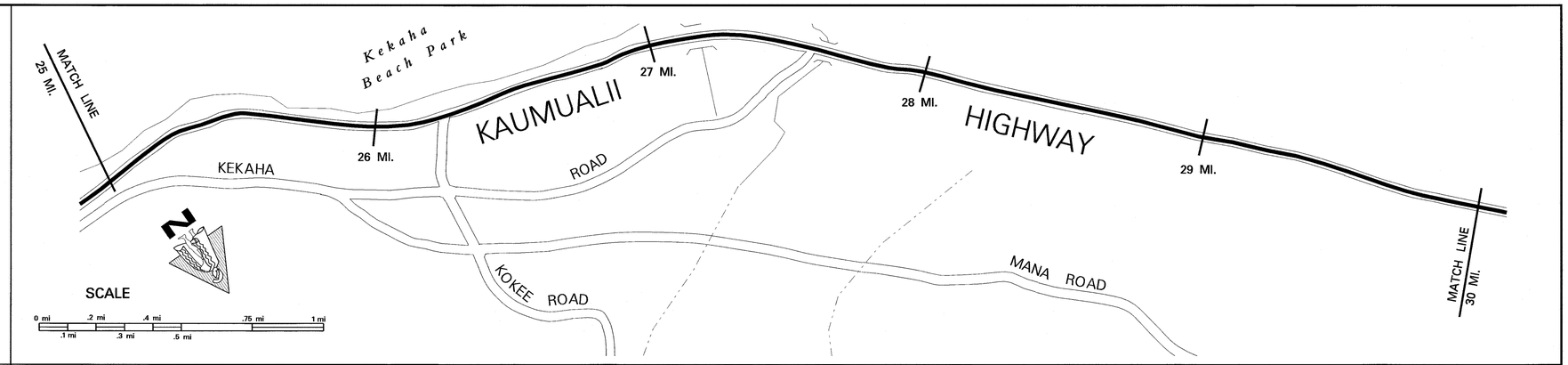
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	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

25 26 27 28 29 30

Maintenance Control Sections : Length and Description: 50 A (8.45 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC CONT. FLAT SLAB (CNL) HS–20, 1957 (68', 27.21); RC FLAT SLAB (CNL) 1957 (33', 27.57)

Vertical Clearance: (27.21; 27.57)

Horizontal Clearance: 42' 42'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' (26.95); 100'

Available Right of Way Width (Needs Study): Residential (R) Beach (L) (26.81); 1000' Clear (Bushes & Sugar Cane 20' F.E.P.))

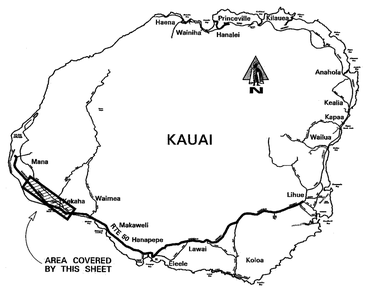
Right of Way Fence: Type – Right and Left: Wood 25' FEP (25.79, 25.77); WW 50' FEP (26.07, 26.23); WW 50' FEP (26.41, 26.71); WW 75' FEP (26.96)

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

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

Project No., Type of Construction, and Year Constructed: (F–050–1(1), 1957); STP–050–1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005

Project No., Type of Construction, and Year Constructed: (BD 66–341 (R), 1967); ER–10(2) (STORM DAMAGE RECONSTRUCTION), 1984 (25.06, 25.11, 25.09); HWY–K–01–82M (R), 1968 (27.26); STP–050–1(12) (GUARDRL. & SHLDR, IMPRV.), 1995 (28.42)



Road Diagram
MP = Milepost Signage

CONTINUED FROM SHEET #5

25 mi. Akepa Rd. 25.01 mi. Elepaio Rd. 25.12 mi. Manu Rd. 25.10 mi. ECB (R) 25.28 mi. Aukuu Rd. 25.35 mi. Pueo Rd. 25.51 mi. Nene Rd. 25.60 mi. Moho Rd. 25.68 mi. Iwa Rd. 25.76 mi. Kala Rd. 25.93 mi. Alae Rd. 26.22 mi. Amakihi Rd. 26.37 mi. Akekeke Rd. 26.52 mi. Akialoa Rd. 26.68 mi. ECB (R) 26.92 mi. Bridge #4 27.21 mi. Bridge #3 Road 27.57 mi. Begin Divided Dirt Roads 28.40 mi. Kekaha Landfill 28.69 mi. End Divided 28.94 mi. ECB (L) Road 29.28 mi. Cane Haul Rd. 29.33 mi. Tartar Dr. 29.41 mi. 29.93 mi.

KAUMUALII HIGHWAY

26 MP 27 MP 28 MP 29 MP 30 MP

CONTINUED ON SHEET #7

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 4' AC (26.48); 20' AC (26.50); (4' AC) (26.54, 26.56); 5' AC; (34' AC) (27.18, 27.19); 4' AC; (26.61); 6' AC

Pavement: Width and Type: 24' AC (25.39); 22' AC (26.56); 24' AC; (12' AC) (28.42); 11' AC; 22' AC

Shoulder: Width and Type: 4' AC; (26.02); 6' AC; 0; 6' AC

Divided Highway – Median

Median: Width and Type: (28.40); 0'–11' Painted AC (28.92)

Divided Highway – Undivided

Shoulder: Width and Type: 0

Pavement: Width and Type: (12' AC) (28.42); 11' AC

Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2–12' (25.39); 2–11' (26.56); 2–12'; (28.42); 2–11'

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

(Right Side): 11' TLs (28.58, 28.69, 28.77)

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

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

Curb and/or Gutter: Type (Right and Left): None (27.19, 27.28, 27.59, 27.65, 27.54)

Protective Devices: Type, Location and Number: ALL GUARDRAILS METAL ON METAL (25.06, 25.12, 25.10)

Illumination: Type, Location and Number: M.V. (25.55, 25.69) (M.V.) (26.01) M.V. (26.27) (27.20, 27.24)

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 (1)

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

Speed: 1–Design, 2–Posted: 35 MPH ② (26.76, 26.78); 50 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: None

Traffic Stations (Current Year): 25.28 B73 0050 02452; B73 0050 02622 27.57; B73 0050 02869

HPMS Sections – AADT 2007: 7,600; 4,655; 3,030

HPMS Sections – AADT 2006: 7,524 (26.22); 4,605 (28.69); 3,000

HPMS Sections – AADT 2005: 8,123; 7,293 (25.86); 4,317 (26.72); 4,317 (27.19); 2,941 (28.32)

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits

25.08 ER–11(2), 1997 25.34 (F–050–1(1), 1957) 25.78 25.84 26.46 50E–03–68 (R), 1968 27.08 HWY–K–01–82M (R), 1968
STP–050–1(13) (R), 1995 28.42 50A–01–89M (R), 1990
BD 66–341 (R), 1967 26.23 (F–50–1(1), 1957) (50E–03–68 (R), 1968)
LT–K–03–80M (R), 1980 25.87 DAWR 1, 1942 – 1944 26.46 50E–03–68 (R), 1968 27.21 27.26 LT–K–03–80M (R), 1980 27.59 50 E–03–68 (R), 1968 28.30 (27.23) DAWR 1, 1942 – 1944

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Jan. 06	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY, LIO RD., KAO RD.

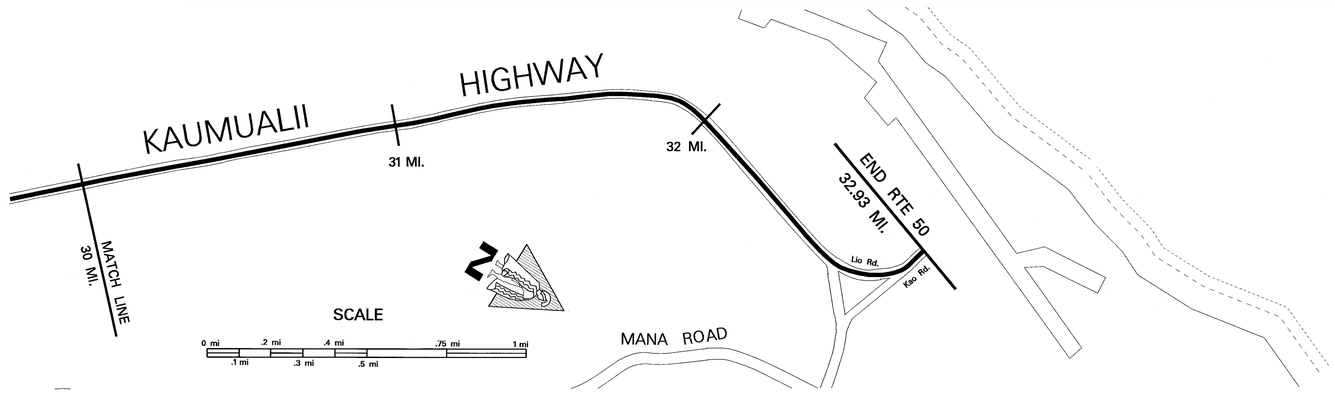
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

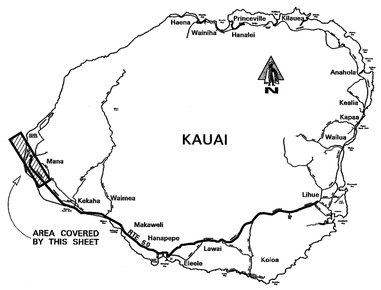
NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Maintenance Control Sections : Length and Description	50 A (8.45 MI.) BEG. 50 A – SAME AS END RTE 50.
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC FLAT SLAB (CNL) HS–20, 1957 41' (31.14); RC FLAT SLAB (CNL) HS–20, 1957 41' (31.57)
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	42' 42'
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	100'
Available Right of Way Width (Needs Study)	1000' Clear (Bushes & Sugar Cane 20' F.E.P.)
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	STP–050–1(25), (GUARDRL.& SHLDR. IMPRV.), 2005 (31.60)
Project No., Type of Construction, and Year Constructed	STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 (30.94); 50A–01–02M 2004 RESURFACE



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #6

30 mi.

Kia Rd. | Bridge #2 | Bridge #1 | Imiloa Rd. | ECB | Hwy Spur | Kao Rd.

KAUMUALII HIGHWAY

31 MP | 32 MP | 32.99 MP

LIO RD.

KAO RD.

30.74 mi. | 30.99 mi. | 31.14 mi. | 31.57 mi. | 31.99 mi. | 32.32 mi. | 32.43 mi. | 32.56 mi. | 32.87 mi.

END RTE 50 ON KAO ROAD AT THE NORTH ENTRANCE GATE OF THE PACIFIC MISSLE RANGE FACILITY.

32.93 mi.

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Divided Highway – Undivided: Shoulder: Width and Type	6' AC
Divided Highway – Undivided: Pavement: Width and Type	22' AC
Divided Highway – Undivided: Shoulder: Width and Type	6' AC
Divided Highway: Median: Width and Type	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(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)	NONE (31.17, 31.14, 31.16, 31.12; 31.60, 31.59, 31.58)
Protective Devices: Type, Location and Number ALL GUARDRAILS METAL ON METAL	
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 (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat
Speed: 1–Design, 2–Posted	50 MPH ② (32.23, 32.22) 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	NONE
Traffic Stations (Current Year)	B73 0050 02869 (31.99); 32.56 B73 0050 03232
HPMS Sections – AADT 2007	3,030; 755
HPMS Sections – AADT 2006	3,000 (32.32); 744
HPMS Sections – AADT 2005	2,941; 771 (31.70); 483 (32.49)
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (6)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 (30.94); 50A–01–89M (R), 1990 (31.17, (31.18)); (F–050–1(1), 1957) (31.60); 31.61; 50A–02–70 (R), 1970 (F–050–1(1), 1957) (32.55); 32.54; DAWR 1, 1942 – 1944

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Date Released	
Nov. 2001	
Revised	
Jan. 06	D.B.

ROAD INVENTORY
KAUAI RTE 51
WAAPA RD., RICE ST., KAPULE HWY

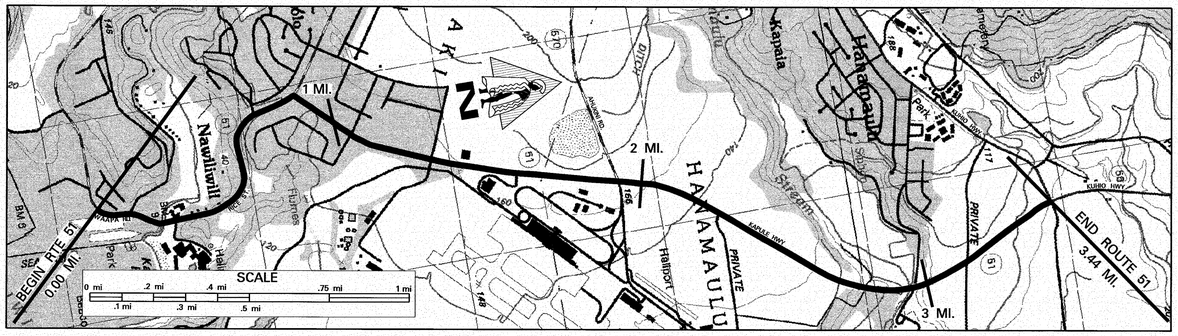
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 3.44 miles
- **a. Survey Length:** 3.44 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length: *** 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

0 | 1 | 2 | 3 | 4 | 5

Begin 51A Same as Begin Rte 51 — 51A (0.91 MI.) — End 51A on Rice St. 830' N.W. of Mokoi St. Center Line. (0.91) — 51B (1.04 MI.) (1.95)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: SS–CONC. TEE 1933 H–15 (0.21); PRESTRESSED CONC. GIRDER, 1988 HS–20–40 (2.78)
- Vertical Clearance: 50' (0.21); 1140' (2.78)
- Horizontal Clearance: 24'; 40'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' (0.11) 50' (0.36) 60' (0.60) 60' (0.77) 50' (1.01) 100' (1.98) 160' (2.27) 150'–155' (2.49) 180' (2.68) 190' (2.76) 120'–165' (2.81) 205'–285' (2.86) 120'–195' (3.02) 180'–210' (3.16) 150'–165'

Available Right of Way Width (Needs Study): Res./Comm. (0.50) Trees & Bushes (0.83) Res./Comm. (1.77)

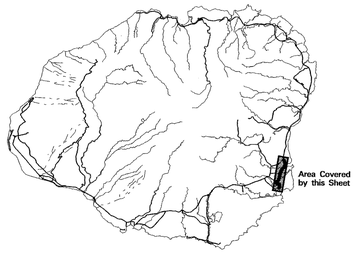
Right of Way Fence: Type – Right and Left: (Wire) (1.52) (1.46)

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

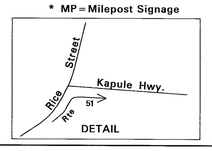
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: NH–051–1(10), R, 2002 (0.80); STP–051–1(9), Imprv., 2000 (1.20); STP–051–1(20), Imprv., 2000 (2.38); 51B–01–00M, 2001, Imprv.

Project No., Type of Construction, and Year Constructed: (0.43) STP–0700(38), 1998 (0.74); (0.84) 51B–01–92M, (R) 1993 (1.50); DP–F–051–1(3), 1975 (1.74); F–051(7), 1988 (2.79); F–051–1(8), '88 (2.99); F–051–1(7), 1988



Road Diagram
* MP = Milepost Signage



Begin Rte 51 on Waapa Road at the Center Line with Nawiliwili Road Intersection. (Rte 58)

0.00 mi. — ECB; Lela Rd. Begin Divided (0.11 mi.); Hanapepe Bridge End Divided (0.12 mi.); Kelepaki Rd. (0.09 mi.); Nawiliwili Br. (0.09 mi.); End Divided (0.05 mi.); End Divided & Rd. to Kauai Marriott Hotel (0.18 mi.); Begin Divided (0.25 mi.); Mokoi St. (0.21 mi.); End Divided Rice St. (0.33 mi.); Begin Divided (0.38 mi.); Halau St. (L) (0.74 mi.); End Divided (0.81 mi.); Road (L) (0.89 mi.); Begin Divided Military Museum (0.87 mi.); Kaana St. (1.01 mi.); Cane Haul Rd. (0.97 mi.); Ahukini Rd. (Rte 570) (1.09 mi.); End Divided (1.19 mi.); Cane Haul Rd. (1.35 mi.); Hanamaulu Viaduct (1.45 mi.); Begin Divided (1.50 mi.); (1.62 mi.); (1.75 mi.); (1.96 mi.); (1.94 mi.); (2.19 mi.); (2.28 mi.); (2.77 mi.); (3.02 mi.); (2.99 mi.); (3.23 mi.)

Waapa Rd. — Rice St. — Halau St. (R) — Shore Line Access (R) — Kapule Hwy

1 MP — 2 MP — 3 MP — 3.49 MP

End Rte 51 on Kapule Hwy at the South East Edge of Pavement of Kuhio Highway (Rte 56). 3.44 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 8' AC; 4'–6' Grs. (0.24); 4'–6' AC; 2' AC/ 4' Grass (0.97); 10' AC (1.56); 8' AC; 8' PCC; 8' AC
- Pavement: Width and Type: 12' AC; 24' AC; 12' AC; (24' AC); 36' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC (2.77); 24' PCC (2.89); 24' AC; 12' AC
- Shoulder: Width and Type: 0; 8' AC; 0; 2'–4' AC (0.41); 0; 9' AC; 0; 8'–10' AC; 0; 8' AC; 8' PCC; 8' AC; 0

Divided Highway — Median
- Median: Width and Type: (10' Paint); 10' Paint (0.18); (10' Paint) (0.33); (0–8' Painted AC) (0.36); (0.81); 6' Painted Median (0.89); (1.01); (1.19); (1.50); 24' Painted AC; (2.19); (3.23); 12' Painted AC
- Median Barriers:
- Shoulder: Width and Type: 0; 0; 0; 0; 0; 0; 0
- Pavement: Width and Type: 12' AC; 12' AC; 12' AC; 12' AC; 12' AC
- Shoulder: Width and Type: 8' AC; 8'–10' AC; (4'–8' AC); 8' AC; 10' AC; 8'–10' AC; 8' AC

Number of Traffic Lanes: 2–12' (0.09); 1–12' (0.41); 2–12' (1.16); 2–12' (1.89); 2–12' (2.12)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' (0.03); 12' (0.05); 12' (0.15); 10' (0.38); 12' Truck Climb Lane (0.41); 10' (0.67); 10' (0.87); 10' (1.03); 10' (1.05); 10' (1.17); 12' (1.55); 12' (1.62); 12' (1.70); 12' (1.84); 12' (1.94); 12' (2.05); 12' (3.30); 10' (3.39); 12'

(Right Side): 12' (0.03); 12' (0.05); 12' (0.15); 16' (0.41); 16' (0.57); (0.61); (1.00); (1.52); 12' (1.62); 18' (1.86); (2.02)

None

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

Sidewalk: Width and Type (Right and Left): 4' Conc. (0.17)

Curb and/or Gutter: Type (Right and Left): BP Curb (0.42); (0.57); Conc. Gutter (0.39); (0.74); (1.19); (1.24); (Conc. Curb); AC Curb (1.96); 7' Conc. Gutter (2.75); (3.02); 7' Conc. Gutter; AC Curb

Protective Devices: Type, Location and Number: Metal Rails on Concrete Posts (0.46); (0.77); (2.74); M/M (2.88); M/M (3.03); (3.16)

Illumination: Type, Location and Number: M.V. (0.02); Inc. (0.17); (0.27); (0.78); Inc. (0.91); (1.83); M.V. (2.19); (3.39); M.V.

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (0.07); (0.27); Mountainous (0.77); (1.87); Flat (2.18)

Speed: 1–Design, 2–Posted: 25 MPH (2) (0.59); 35 MPH (2) (1.02); (1.16); 40 MPH (2) (1.76); 35 MPH (2) (2.05); 50 MPH (2) (3.34); 35 MPH(2) (3.41)

Intersection Control Devices: Type, Location and Cycle Timing: Stop Sign (0.87); 4 Phase (1.09); Traffic Light (1.42); 4 Phase (1.94); 2 Phase

Traffic Stations (Current Year): (0.06) B73 0051 00000; B73 0051 00043 (0.80); B73 0051 00087 (1.56); B73 0051 00194 (2.99)

HPMS Sections – AADT 2007: 13,055; 15,050; 15,860; 15,555

HPMS Sections – AADT 2006: 12,924 (0.43); 14,900 (0.87); 15,700 (1.94); 15,400

HPMS Sections – AADT 2005: 11,159; 14,737; 15,514; 15,245

DOD Sections: (0.44); (0.80); (1.95)

Census Tracts

Functional Classification: Principal Arterial (14)

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

Previous Projects: Project No., Date and Limits: (STP–058–1(2), Realign, 1993); (50E–05–69, 1969, Resurf. & Truck Climb); (0.08) 51A–01–88M, (R) 1988 (0.79); (0.90) DP–F–051–1(3), 1975 (1.74); F–015–1(7), 1988; County (0.09) FAP E–12–A, 1932; 50E–05–69, 1969 (0.87); (0.88) (FAP–E–12–A, 1932); DP–F–051–1(3), 1974 (2.00); (2.78) F–051–1(8), 1988 (2.99)

SCALE: (In Miles) 4" = 1 mile

Date Released
April 04, D.B.
Revised

ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

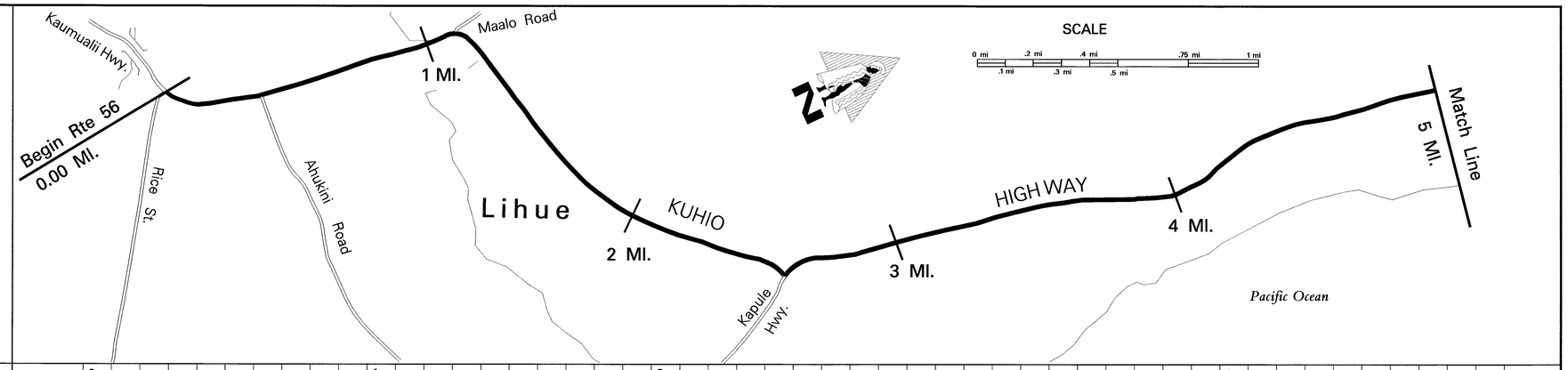
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 28.11 MILES (a+b)
a. Existing Length: 28.11 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.11 MILES (a+b, less c)
a. Existing Length: 28.11 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) 4" = 1 mile

Maintenance Control Sections : Length and Description

Begin 56A on Kuhio Hwy at the Centerline Intersection with Kaumualii Hwy and Rice St. — 56A (9.86 MI.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Tee Beam (STR) 1933 H15
- Vertical Clearance: 157'
- Horizontal Clearance: 1.22
- Structure Over Road — Vertical Clearance: 27'
- Structure Over Road — Horizontal Clearance:

Right of Way Width (min.–max.) if varies: 85' 0.14 50' 0.92 70' 0.98 80' 1.06 60' 1.29 120' 1.38 80' 1.43 65' 1.72 70' 1.80 60' 4.18 100'

Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't): Commercial / Residential 2.24 Clear 1000' – Sugar Cane 20' FEP

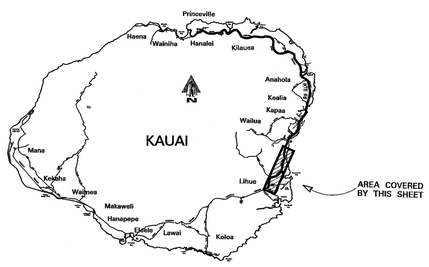
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't): Chain Link 50' FEP 0.80 0.85

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

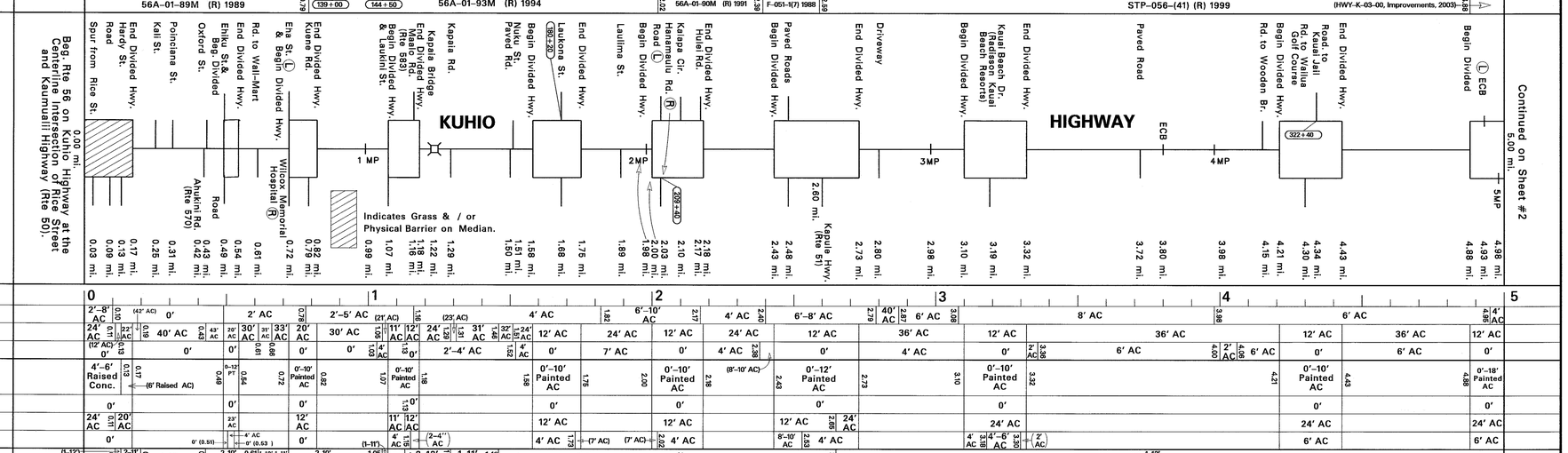
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: (50E-01-98, 2001 (REALIGNMENT)) 0.12 56A-01-00M 2004 RESURFACE 0.80 (133+47.30) 0.97 (56A-01-04M, RESURF., 2005) 1.01 56A-01-04M, RESURF., 2005 2.42 (223+82.59) 3.98 (303+55) STP-0700(58), GUARDRAILS, 2008 4.92 (352+98)

Project No., Type of Construction, and Year Constructed: 56A-01-89M (R) 1989 0.79 (139+00) (144+50) 56A-01-93M (R) 1994 2.02 56A-01-90M (R) 1991 2.39 F-051-1(7) 1988 2.59 STP-056-(41) (R) 1999 4.89 (HWY-K-03-00, Improvements, 2003)



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway

| | | |

ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

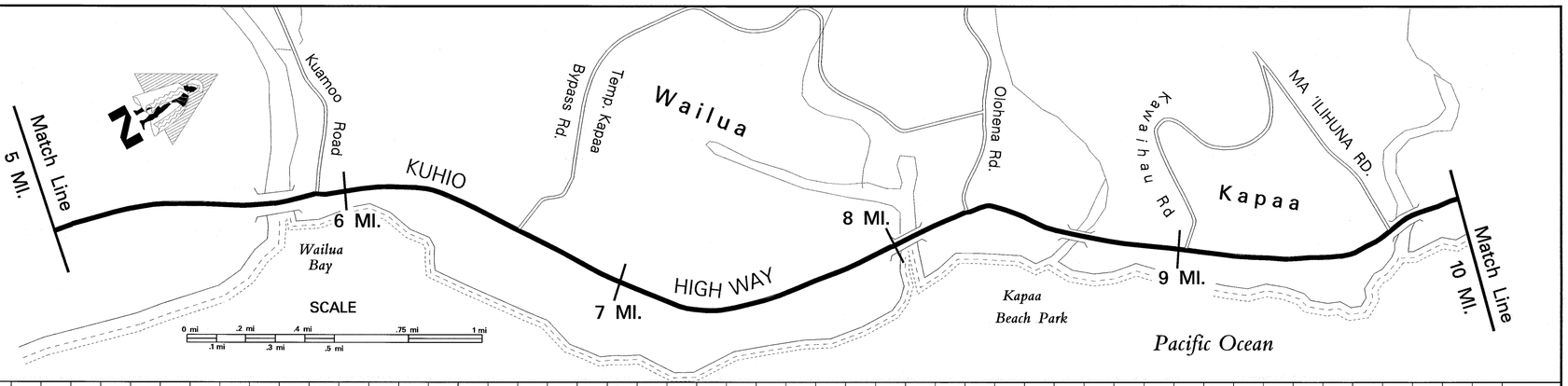
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 28.11 MILES (a+b)
a. Existing Length: 28.11 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.11 MILES (a+b, less c)
a. Existing Length: 28.11 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) 4" = 1 mile

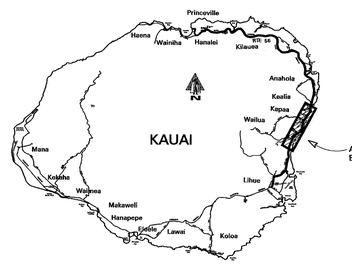
Maintenance Control Sections : Length and Description

56A (9.86 MI.) — End 56A – Begin 56B on Kuhio Hwy. 100' North of Centerline Inersection with Maillhuna Rd. (9.86) — 56B (3.68 MI.)

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

Tee Beam (RIV) 425' (5.77) — 28'
Cont. Conc. Slab HS20 1963 56' (Widened in 1993) (7.32) — 46'
Prestressed Conc. Plank HS–20–44 81' (Widened in 2001) (8.09) — 56'
Tee Beam H20 (CNL) 1948 81' (8.64) — 30'
Tee Beam (STR) 1953 152' (9.89) — 28'

Right of Way Width (min.–max.) if varies: 100' (5.14) 60' (5.69) 80' (6.12) 60' (8.18) 70' (8.36) 60' (8.69) Varies 80'–120' (8.81) 50' (9.09) (Varies 50'–90') (9.13) 50' (9.22) Varies 50'–80' (9.52) (70') (9.54) 60' (9.66) 50' (9.82) (9.86) (9.87) 100'
Available Right of Way Width (Needs Study) (FEP = From Edge of Pav't): Clear 1000' – Sugar Cane 20' FEP (6.86) Residential (6.38) (Sugar Cane – Clear 1000') (6.52) Resort / Residential (9.03) Open Range (9.74) Residential
Right of Way Fence: Type – Right and Left: 2' FEP Chain Link (8.46–8.52); 30' FEP W/W (9.38–9.39)
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–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005); HWY-K-03-00 Imprv. 2003 (5.24); 56A–01–92 (IMPRV.) 1993 (6.32); (BR–STP–056–1(35), 2001 BRIDGE WIDENING) (7.36–8.05); (56A–01–97 ((L) TURN LANE) 1998) (8.23–9.03); 56B–01–01M 2004 (R) (9.81)
Project No., Type of Construction, and Year Constructed: STP–056–1(41) (R) 1999 (5.77); (56A–01–91 (Imprv.)1993) (5.86–5.88); STP–056–1(37) (R) 1996 (6.38); 56A–08–90 1991 (8.07); 56A–03–90 (R) 1991 (8.65); STP–0700 (28) (IMPRV.) 1994 (8.89)



Road Diagram
* MP = Milepost Signage

Continued from Sheet #1

Leho Dr. (5.03); End Divided Hwy. (5.21); Leho Dr. Begin Divided Hwy. (5.54); Wailua Marina Crossover Road (5.60); End Divided & Wailua Br. (5.74); Kuamoo Rd. (Rte. 580) Merge (5.77); Begin Divided Hwy. (5.86); End Divided Hwy. (5.88); ECB 5MP (5.96); Papaloa Rd. & Begin Divided Hwy. (6.01); Halelilo Rd. (6.22); Lanikai St. (6.28); End Divided Hwy. (6.38); Culvert (6.47); Begin Divided Hwy. (6.53); Temp. Kapaa Bypass Rd. 6.60 mi. (6.54); Papaloa Rd. 6.63 mi. (6.63); Coconut Plantation Drive (6.72); End Divided Hwy. (6.78); Coconut Plantation (7.03); Fernandes St. (7.04); 7MP (7.11); Kamoa Rd. 7.27 mi. (7.22); Poult Rd. (7.32); Rd. to Foodland (7.38); Uhelekeweve Br. Cntr. (7.44); Rd. to Shopping Cntr. (7.51); Hoi Rd. (7.55); Road to Apts. (7.61); Keaka Rd. (7.67); Kipuni Pl. (7.71); Makaha Rd. (7.78); Panihi Rd. (7.88); Kaloloku Rd. (8.02); Kapaa Shopping Ctr. (8.05); 8MP ECB (8.09); Waikaea Canal (8.18); Akia Rd. (8.24); Ulu St. Ohia St. (8.34); Inia St. (8.37); Road to Resort (8.41); Begin Divided Hwy. (8.47); Kukui St. (8.48); End Divided Hwy. (8.54); Kauwila St. (8.62); Begin Divided Hwy. (8.64); Lehua St. (8.80); End Divided Hwy. (8.90); Maikoha Br. (9.03); Kou St. (9.10); Culvert (9.34); Begin Divided Hwy. (9.51); Hauaala Rd. (9.54); End Divided Hwy. (9.84); 9MP; Road; Sewage Plant Rd.; Roads to Lookout; Begin Divided Hwy. (9.97); Kapaa Bridge (9.94); Maillhuna Road (9.89); 10 MP

KUHIO HIGHWAY

Continued on Sheet #3 10.00 mi.

SCALE: (In Miles) 4" = 1 mile

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

4'AC (5.11) 6'AC (5.71) 4'AC (5.91) 6' AC (6.21) 4'AC (7.21) 2' AC (8.06) 0 (12' AC) (8.89) 4'–6' AC (9.70) 10' AC (9.82) 4' AC (9.86) 6' AC
12'AC 36' AC (5.49) 36' AC 11' AC 22' AC 11' AC 33' AC 11' AC 33' AC 11' AC 33' AC (7.38) 22' AC 11' AC 22' AC 11' AC (8.59) 24' AC 12' AC 24' AC 24' AC 12' AC
0 6' AC 0 4'AC 0 4' AC (6.06) 6' AC 0 4' AC 0 4' AC (7.33) 6' AC (7.66) 4' AC (8.27) 0 0 0 0 0 (8.89) 12' AC 0 6' AC (9.35) 4'–6' AC (9.61) 6' AC 0
0'–18' Painted AC (5.21) (5.54) 0'–10' Painted AC (5.77) (5.86) 0'–10' Painted AC (6.01) (6.22) 0'–10' Painted AC (6.47) (6.54) 0'–10' Painted AC (6.78) (8.37) 0'–11' Painted AC (8.42 8.48) 0'–10' Painted AC (8.62) (8.90) 0'–11' Painted AC (9.03) (9.94) 10' PAINTED AC
0 0 0 0 0 0 0 0 0 0
24'AC 24' AC (9.03) 12' AC (9.06) 11' AC (9.66) (11' AC) (5.88) 22' AC 22' AC 22' AC 11' AC 12' AC 12' AC 12' AC
6'AC 6' AC (5.56) 4' AC 4' AC (6' AC) (6.23) 4' AC 4' AC 0 0 0 12' AC (8.89) (6' AC) 6' AC

Number of Traffic Lanes: 1 – 12' (5.68) 2 – 12' (1 – 12') (5.88) 1 – 11' 2 – 11' (6.65) 1 – 11' 2 – 11' (7.38) 2–11' 1–11' 1–12' (8.59) 2–12' ^ 1–10' ACC. LN
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' TLs
(Right Side): 2-Way (L) TL (8.21); 10' Parking; 10' (L)TLs; 2-Way (L) TL; 2-Way (L) TL; 10' Parking
Frontage Road: No. of Lanes, and Width (Right and Left): None
Sidewalk: Width and Type (Right and Left): 5' Conc. (7.18); 8' Conc. (8.09); 6' Conc. (8.68); 6' CONC. (9.92)
Curb and/or Gutter: Type (Right and Left): (Conc. Curb); Conc. Curb (5.51); Conc. Curb (6.24); Conc. Curb (7.23); Conc. Curb (8.09); Conc. Curb (9.03); 2' CONC.CURB & GUTTER (9.86)
Protective Devices: Type, Location and Number (M/M = Metal Rail on Metal Post): M/M (5.44); M/M (6.12); M/M (8.70); M/M (9.36)
Illumination: Type, Location and Number: Mercury Vapor (8.98)
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Contra–Flow Lane: Contra-Flow 5:53-8:30 AM (6.60); Traffic Flow
Area and Development: Small Urban (2); (Rural (1)) (9.85)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1); Rolling (2) (8.89)
Speed: 1–Design, 2–Posted: 50 MPH (2); 35 MPH (2) (5.82); 25 MPH (2) (6.39); 35 MPH (2) (8.09); 25 MPH (2) (8.15); 35 MPH (2) (9.04); 50 MPH (2) (9.22); 40 MPH (1) (9.23)
Intersection Control Devices: Type, Location and Cycle Timing: 2 Phase; 3 Phase (6.28); 3 Phase (7.27); 3 Phase (7.38); 3 Phase (7.72); 3 Phase (8.16); 3 Phase (8.20)
Traffic Stations (Current Year): B73 0056 00260; B73 0056 00566; B73 0056 00596; B73 0056 00660; B73 0056 00732; B73 0056 00818; B73 0056 00864; B73 0056 00899 (B73 0056 00995)
HPMS Sections – AADT 2007: 31,715; 36,515; 33,725; 27,895; 30,705; 30,705; 24,445; 16,160 (16,265)
HPMS Sections – AADT 2006: 31,400; 36,150 (5.86); 33,390 (5.96); 27,618 (6.60); 30,400 (7.32); 30,400 (8.19); 24,200 (8.44); 16,000 (8.89); (16,100) (9.95)
HPMS Sections – AADT 2005: 31,084; (32,604); 31,084; 28,332; 32,654; 23,644; 23,822; 30,140; (30,140); 22,608; (23,972); 13,462; 13,320; (13,587); (15,885); (15,922)
DOD Sections: (Minor Arterial (6)) (9.97)
Functional Classification: Principal Arterial (14)
National Highway System (NHS): On NHS (1); (Not on NHS (0)) (9.95)
Previous Projects: Project No., Date and Limits: STP–056–1(40) 1998 (5.77); 56A–01–90M (R) 1991 (5.54); 56A–01–91 (IMPRV.) 1993 (6.34); 56A–08–90 (IMPRV.) 1991 (7.22); (56C–01–87M 1987); LT–K–02–79 (SHLDR. & GUARDRAIL IMPRV.) 1980 (6.18); 56A–03–90M (R) 1991 (8.65); (56B–01–89M 1989 (R)); (HWY–K–01–77M 1977); (56A–01–67 (R) 1967); A–56–02–64 1968 (5.54); 56A–01–90M (R) 1991 (5.64); 56A–02–72 1976 (5.86); A56–02–65 (R) 1967 (6.01); 56A–02–72 1976 (6.18); HWY–K–01–78M (R) 1978 (6.31); A56–02–65 (R) 1967 (7.51); 56A–01–74 1976 (8.09); (56A–01–67 (R) 1967) (8.59); HWY–K–01–77M (R) 1977 (8.65); 56A–01–72 1976 (9.00); (56A–01–67 (R) 1967) (9.75); F–12(18) 1950 (5.76); (F–12(15) 1948) (5.86); F–12(18) 1950; (F–12(14) 1945) (7.91); County (8.12); (F–12(14) 1945) (8.53); County (8.65); F–12(18) 1950 (9.00); F–12(20) 1951 (9.72)

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
Jan. 06	D.B.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

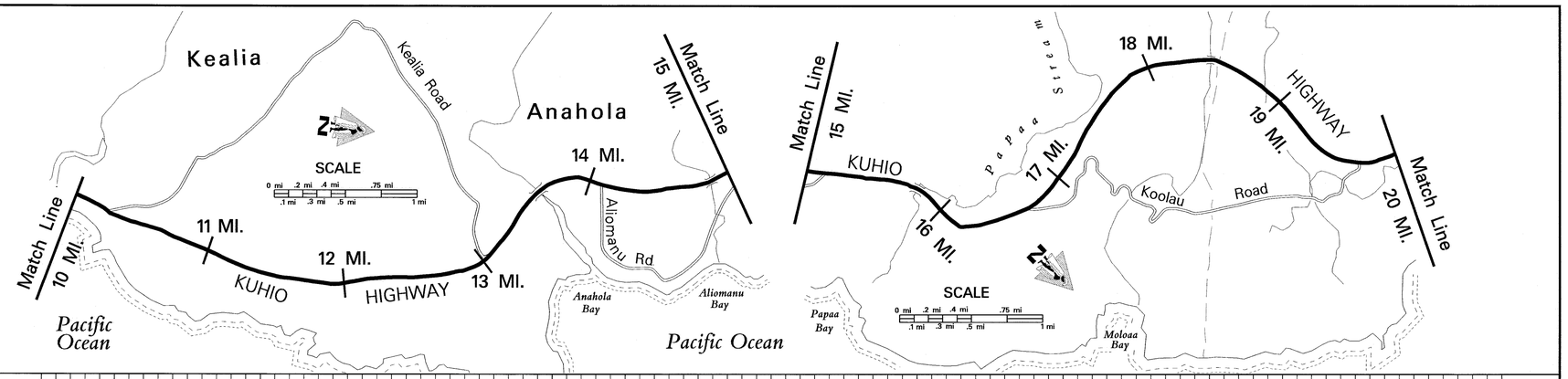
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	28.11	MILES (a+b)
a. Existing Length:	28.11	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.11	MILES (a+b, less c)
a. Existing Length:	28.11	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

56 B (3.68 MI.) — End 56B and Begin 56C on Kuhio Hwy. at the Centerline Intersection with Anahola Rd. — 56 C (9.82 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- RC Box Girder (STR) 1960: 214'
- RC RGD FM FL SL (STR) 1960: 20'
- RC Deck Girder (GTR) 1957: 68'
- Prestressed Conc. Girder (STR) 1965: 240'

Vertical Clearance: 28' | 28' | 40' | 28'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: (100') (80') Varies 80' to 160' | Varies 80' to 260'.

Available Right of Way Width (Needs Study): Residential | Clear 1000' – Sugar Cane | Residential | Clear 1000' – Pineapple / Sugar Cane | Bushes and Trees

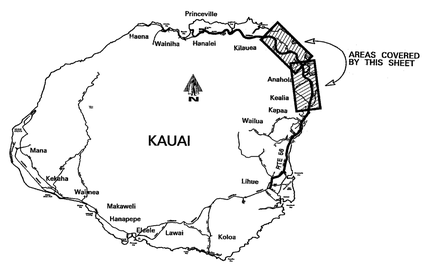
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't.): C.L. (25' FEP); C.L. (15' FEP); C.L. (20' FEP); Wire on Wood 35' FEP; Wire on Wood 35' FEP

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: 56B-01-01M 2004 (R); 56 BC-01-99M, RESURF., 2000; (STP-0700(58), GUARDRAILS, 2008); (STP-0700(58), GUARDRAILS, 2008)

Project No., Type of Construction, and Year Constructed: STP-0700(28) (SHLDR. & G.R. IMPRV.) 1994; HES-056-1(32) (SHLDR. & G.R. IMPRV.) 1990; FR-0700(22) (R) 1983; STP-056-1(38) (R) 1996; 56C-01-88M (R) 1988; ER 5(1) 1957; 50D-56AB-01-70 (SHLDR) 1970; (56C-01-87M (R) 1987); STP-056-1(42) (R) 1999



Road Diagram

* MP = Milepost Signage

Continued from Sheet #2

10.00 mi. — Rd to Beach Park (ECB); Tractor Crossing & Photo Beach; Kealia Rd. End Divided; Kamole Road; Cane Haul Rd.; Cane Haul Rd. Begin Divided; Cane Haul Rd. End Divided; Proposed Rd.; Cane Haul Rd. Begin Divided; Cane Haul Rd. End Divided; Cane Haul Rd. Begin Divided; Cane Haul Rd. End Divided; Cane Haul Rd. Begin Divided; Cane Haul Rd. End Divided; Cane Haul Rd. Begin Divided; Cane Haul Rd. End Divided; Cane Haul Rd. Begin Divided; Cane Haul Rd. End Divided; Cane Haul Rd. Begin Divided; Cane Haul Rd.; Satellite Public Refuse Dump; Begin Divided; End Divided; Ione Road; Kulukhale Road; Kalalea Road; Kealia Rd.; Anahola Br.; Anahola Road; Kikoo Loop; Puu Hale Loop; Paved Rd.; Aliomanu Rd.; Paved Road; Aliomanu Br.; Begin Divided; End Divided; Kalalea Rd.; Begin Divided (ECB); Unimproved Road; Aliomanu Br.; Aliomanu Rd.; Unimproved Road; Papaa Rd.; Papaa Br.; Koolau Rd. (L) ECB; End to Meadow Gold Dairies; Moloaa Br. (L) ECB; Begin Divided; End Divided; Kapuna Rd.; Koolau Rd.

KUHIO HIGHWAY

10.25 mi. 10.22 mi. 10.21 mi. 10.14 mi. 10.04 mi. 10.59 mi. 10.71 mi. 10.97 mi. 11.00 mi. 11.11 mi. 11.28 mi. 11.39 mi. 11.50 mi. 11.57 mi. 11.61 mi. 11.75 mi. 11.81 mi. 11.90 mi. 11.97 mi. 12.31 mi. 12.58 mi. 12.68 mi. 12.78 mi. 12.84 mi. 12.98 mi. 13.01 mi. 13.11 mi. 13.54 mi. 13.55 mi. 13.63 mi. 13.77 mi. 13.84 mi. 13.93 mi. 13.96 mi. 14.06 mi. 14.32 mi. 14.40 mi. 14.48 mi. 14.71 mi. 14.93 mi. 14.95 mi. 15.11 mi. 15.54 mi. 15.62 mi. 15.85 mi. 15.97 mi. 16.60 mi. 16.62 mi. 16.91 mi. 16.96 mi. 17.96 mi. 18.35 mi. 18.47 mi. 18.95 mi. 18.96 mi. 19.05 mi. 19.17 mi. 19.87 mi. 19.96 mi. 20.00 mi.

Continued on Sheet # 4

SCALE: (In Miles) 2" = 1 mile

Divided Highway

	Undivided	Divided
Shoulder: Width and Type	8' AC; 6' AC; 11' AC; 8' AC; 6' AC; 12' AC; 11' AC; 22' AC; 11' AC; 12' AC; 6' AC; 12' AC; 11' AC; 6' AC; 4' AC; 10' AC; 6' AC; 12' AC; 6' AC; 4' AC; 6' AC; 8' AC; 4'–12' AC; 10' AC; 4' AC; 11' AC; 22' AC	
Pavement: Width and Type	24' AC; 24' AC; 24' AC; 24' AC; 24' AC; 22' AC	
Shoulder: Width and Type	0; 6' AC; 8' AC; 6' AC; 0; 6' AC; 0; 6' AC; 0; 4' AC; 10' AC; 6' AC; 0; 6' AC; 8' AC; 6' AC; 6' AC; 6' AC; 4' AC; 6'–8' AC; 10' AC; 4'–8' AC; 6' AC; 4' AC; 0; 4' AC	
Median: Width and Type	16' Paint AC; 0'–10' Painted AC; 0'–12' Painted AC; (0'–10' Painted AC); (10' AC); (0'–11' Painted AC); (0'–12' Painted AC); 0'–11' Painted AC	
Shoulder: Width and Type	0; 0; 0; 0; 0; 0	
Pavement: Width and Type	12' AC; 11' AC; 11' AC; 11' AC; 12' AC; 12' AC; 11' AC	
Shoulder: Width and Type	6' AC; 6' AC; 6' AC; 6' AC; (10' AC); (6' AC); 4' AC	

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–10' accel. ln; 1–10'; 11' T.Ls.; 11' T.Ls.; 11' T.L.; 16'

(Right Side): .48; .44; .35; .34; .09; .05; .04; .34

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

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

Curb and/or Gutter: Type (Right and Left) (All Gutters 2' Concrete): 6' conc; 6' conc; Type 2 Conc. Gutter; Type 2 Conc. Gutter; Type 2 Conc. Gutter

Protective Devices: Type, Location and Number (M/M = Metal Rail on Metal Post, M/C = Meta Raill on Concrete Post, W/C = Wood Rail on Conc. Post.): M/M; M/M; M/M;

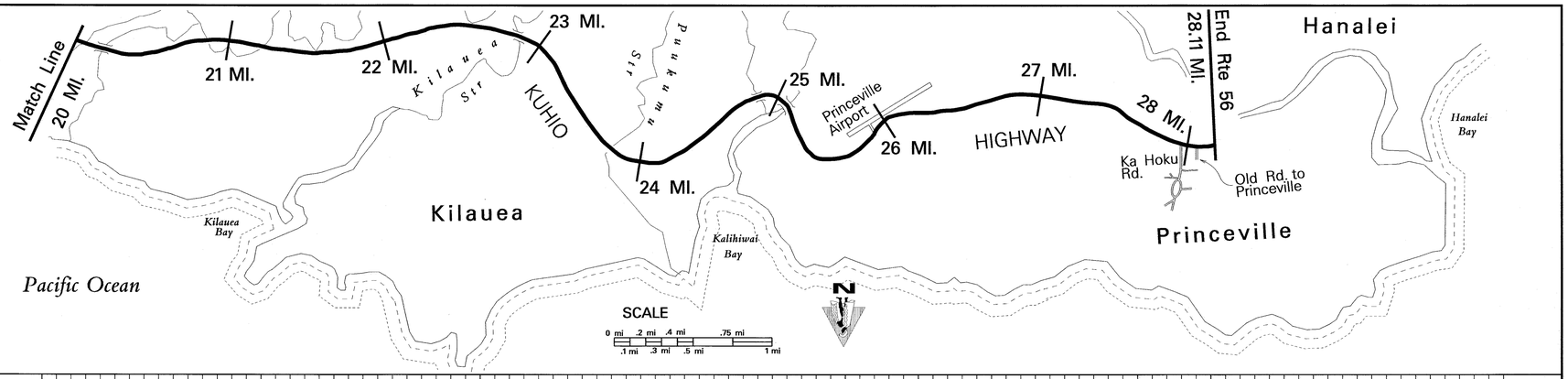
ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	28.11	MILES (a+b)
a. Existing Length:	28.11	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.11	MILES (a+b, less c)
a. Existing Length:	28.11	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 — 56C (9.82 MI.); End 56C - Begin 56D on Kuhio Hwy. at the Centerline Intersection with Kolo Rd.; 56D (4.75 MI.); End 56D Same as End Route

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PrSt. Conc. Gdr. 1967 HS20 39'; Prestressed Beam 1973 HS20 258'; RC Slab Br. 1963 (CHN) 50'; Prestressed Conc. 1963 (RW) 798'

Vertical Clearance: 20.29; 22.92; 24.90; 25.01

Horizontal Clearance: 36'; 40'; 34'; 28'

Structure Over Road — Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: (80'–260') 60'–500'; 100'–200'; (200') 100'; (Varies 110'–160') 100'; (Varies 175'–210') (100') 100'; Varies 160'–295'; (Varies 300'–360') (Varies 160'–165') 130'; 40'

Available Right of Way Width (Needs Study): (Bushes & Trees); Clear 1000' Sugar Cane; Residential; Trees; Grass & Small Trees

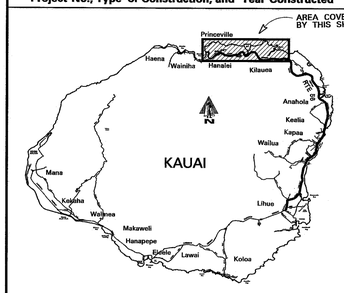
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't): Wire on Wood 35' FEP; Wire on Wood 10'–20' FEP

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

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

Project No., Type of Construction, and Year Constructed: (HWY-K-02-98, IMPRV. 2000); STP-0700(58), GUARDRAILS, 2008; (HWY-K-01-07M, PAVEMENT MARKING, 2007)

Project No., Type of Construction, and Year Constructed: STP-056-1(42) (R) 1999; 56C-01-90M (R) 1990; STP-056-1(38) (R) 1996; 50D-01-92M (R) 1993; F-056-1(31) (New Alignment) 1993; LT-K-03-80M (R) 1980



Road Diagram

* MP=Milepost Signage

Continued from Sheet #3

Walakalua Br. (L) ECB; North Walakalua St.; Walakalua St.; Culvert Paved Rd.; Weliepa Rd. Begin Divided; End Divided; Culvert; Kahili Makai St.; Driveway; Culvert (L) ECB; Pili Rd.; Kilauea Rte. 56 Ho'okui Rd.; Kuawa Rd.; End Divided; Kolo Rd. Begin Divided; Kalamania Rd. (L); Telemetry Sta. 300; Field Rd. Tractor Crossing; Kalihiwai Rd.; Unimproved Road; End Divided; Kahili Holo Rd. Begin Divided; Structure #4; Kalihiwai Br.; Kalihiwai Rd. Begin Divided; Anini Vista Dr. End Divided; End Divided; Princeville Airport Begin Divided; End Divided; Country Club Rd. (R) Begin Divided; Hanalei Refuse Station; Kapa'ka St.; Begin Divided; Old Rd. to Princeville (Ka Haku Rd.); End Rte. 56 on Kuhio Highway at Route Markers 56 and 560 (Same as Beg. Rte. 560) 28.11 mi.

21 MP; 22 MP; 23 MP; 24 MP; 26 MP; 27 MP; 34+56.18; 654+66; 607+35; 24.34 mi.

KUHIO HIGHWAY

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 4' AC; 6' AC; 8' AC; 4' AC; 8' AC; 10' AC; 4' AC; 8' AC

Pavement: Width and Type: 22' AC; 11' AC; 22' AC; 24' AC; 12' AC; 24' AC; 22' AC; 11' AC; 22' AC; 24' AC; 22' AC; 12' AC; 20' AC; 10' AC; 20' AC; 12' AC; 20' AC; 10' AC

Shoulder: Width and Type: 4' AC; 6'–12' AC; 0; 6'–12' AC; 16' AC; 6'–12' AC; 0; 8' AC; 4'–8' AC; 0; 4'–8' AC; 0; 6' AC; 0; 6' AC; 0; 2' AC; 0

Divided — Median: Width and Type: 0'–10' Painted AC; 0'–10' Painted AC; 0'–12' Painted AC; 0'–20' Painted AC; 0'–12' Painted AC; 0'–12' Painted AC; (6'–12' Raised Grass); (0'–6' Painted AC); (0'–6' Painted AC)

Shoulder: Width and Type: 0; 0; 0; 0; 0; 0; 0; 2' AC; 0

Pavement: Width and Type: 11' AC; 12' AC; 11' AC; 12' AC; 10' AC; (11' AC); (12' AC); 10' AC

Shoulder: Width and Type: 6'–12' AC; 20' AC; 8' AC; 4'–8' AC; 8' AC; 6' AC; 6' AC; 6' AC

Number of Traffic Lanes: 2–11'; 2–12'; 2–11'; 2–12; 2–11'; 2–12'; 2–10'; (1–12') (1–11'); (2–12'); 2–10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' T.Ls; 12' T.Ls; 11' T.L.

(Right Side): 10' T.Ls; 12' T.Ls; 12' T.Ls; 11' T.Ls; 12' T.Ls; 11' T.L.; 11' T.L.

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

Sidewalk: Width and Type (Right and Left): 3' AC; 3' AC

Curb and/or Gutter: Type (Right and Left): All 2' Conc. Gutters.

Protective Devices: Type, Location and Number (M/M=Metal Rails on Metal Posts): M/M

Illumination: Type, Location and Number: None

Curves: Degree of Curvature (Right and Left): M/M

Superelevation (Range)

Grades: % Grade, Positive or Negative

Contra Flow Lane

Area and Development: Rural (1)

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

Speed: 1–Design, 2–Posted: 50 MPH (2); 40 MPH (2); 50 MPH (2); (45 MPH (2)); 35 MPH (2); 40 MPH (2); 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: None

Traffic Stations (Current Year): B73 0056 01554; B73 0056 02077; B73 0056 02336; B73 0056 02592

HPMS Sections – AADT 2007: 11,010; 12,425; 13,635; 13,130

HPMS Sections – AADT 2006: 10,900; 12,300; 13,500; 13,000

HPMS Sections – AADT 2005: (11,105); 12,197; 10,551; 13,358; 13,091; 12,920

DOD Sections

Functional Classification: Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits: 56C-01-90M (R) 1990; (56C-01-87M (R) 1987); (50D-56AB-01-70 1970); 50D-01-92M (R) 1993; STP-056-1(36) 1998; (S-0560(2) U-2 1963); F-056-1(8) 1967; DP-RF-056-1(10) (New Alignment) 1973; HWY-K-01-77M (R) 1977; (ER-7(1) U-2 1963); HWY-K-01-77M (R) 1977; COUNTY; LT-K-03-80M 1980 (R)

SCALE: (In Miles) 2" = 1 mile

Date Released
Nov. 2001

Revised	
Aug 04	D.B.
Sept. 06	D.B.
Feb. 08	D.B.
Mar. 09	D.B.

ROAD INVENTORY
KAUAI RTE 58
NAWILIWILI ROAD

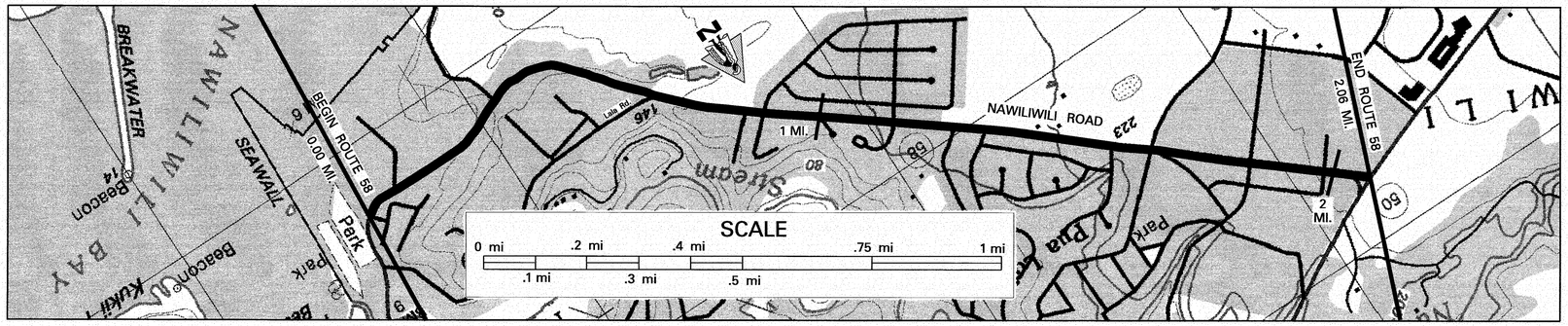
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 2.06 miles
- a. Survey Length: 2.06 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

Beg. 58A on Nawiliwili Rd. at the centerline intersection with Wapa Rd. (Rte 51) — 58 A (2.06 mi.) — End 58 A same as end route.

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' (0.14) 100' (0.16) 120' (0.20) 140' (0.26) 150' (0.32) 110' (0.42) 90' (0.51) 110' (0.56) 100' (0.64) 80' (1.67) 120'

Available Right of Way Width (Needs Study): Residential / Commercial

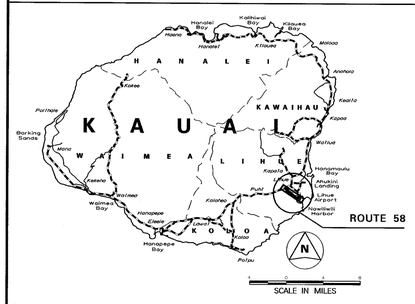
Right of Way Fence: Type – Right and Left: 6' Chainlink (1.71–1.86) 6' Chainlink (1.86–1.98)

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: NH-051-1(10) Resurf., 2002 (0.10–0.16); NH-058-1(3), Resurface, 2002

Project No., Type of Construction, and Year Constructed: STP-058-1(2), Realignment, 1993 (0.16–0.26); 58A-01-88M, Resurface, 1988 (0.26–1.81); F-058-1(1), 1991 (1.81–1.99)



Road Diagram

* MP = Milepost Signage

BEGIN RTE 58 ON NAWILIWILI ROAD AT THE CENTERLINE INTERSECTION OF WAAPA ROAD (RTE 51) — 0.00 mi.

NAWILIWILI ROAD

Wilcox Rd. & End Div. (0.08 mi.) — Niumalu Rd. (0.37 mi.) — End Measured Mile (0.34 mi.) — Leila Rd. (0.58 mi.) — Elekt Pl. (0.68 mi.) — Apapane St. (0.85 mi.) — Begin Divided Beg. Measured Mile (0.90 mi.) — Nokekula St. (L) Nokekula Cir. (R) (1.01 mi.) — End Divided (1.15 mi.) — Ahenhe St. (1.22 mi.) — Begin Divided (1.32 mi.) — Kanani St. (R) (1.42 mi.) — Halekeha Rd. (L) (1.57 mi.) — Pikake St. (1.64 mi.) — Rd. to Shopping Cntr. (L) Haleko Rd. (R) (1.84 mi.) — Rd. to Shopping Cntr. (L) Kukui Grove St. (R) (1.99 mi.) — End Measured Mile (2.00 mi.) — 2.06 MP

1.56 mi.

END RTE 58 ON NAWILIWILI ROAD AT THE SOUTH E.P. OF KAUMUALII HIGHWAY (RTE 50) — 2.06 mi.

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type: 8' AC; 10' Dirt (0.15–1.56); 4' AC; 10' AC (1.97–2.06); 0
- Pavement: Width and Type: 12' AC; 24' AC; 12' AC; 24' AC; 12' AC (1.84–1.97); 24' AC
- Shoulder: Width and Type: 0; 10' Dirt (0.15–1.56); 4'–22' AC; 0; 4' AC; 0

Divided
- Median: Width and Type: 10' Painted AC (0.08–1.01); 12' Painted AC (1.22–1.42); 0'–20' Paint (1.56–1.84); 0'–20' Raised Grass (1.84–2.06)
- Shoulder: Width and Type: 0; 0; 0
- Pavement: Width and Type: 12' AC; 12' AC; 24' AC; 12' AC
- Shoulder: Width and Type: 8' AC; 4' AC; 10' AC (1.84–1.97); 0

Number of Traffic Lanes: 2–12' (0.08–1.56); 1–12' (1.56–1.97); 2–12' (1.97–2.06)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): All 12' T.Ls.; 10' (L) T.L. (0.05–0.08); 12' (0.42–1.01); 12' (1.15–1.20); 12' (1.27–1.76); 12' (1.84–1.98); 12' (2.04–2.06)

(Right Side): All 12' T.Ls.

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

Sidewalk: Width and Type (Right and Left): 4' Conc. (1.67–1.69); Concrete Curb (1.81–1.98); Concrete Curb (1.69–1.98)

Curb and/or Gutter: Type (Right and Left): 6' Concrete Gutter (0.23–0.69); 6' Concrete Gutter (0.34–0.86)

Protective Devices: Type, Location and Number: All Guardrails M/M (0.11–0.29)

Illumination: Type, Location and Number: None; 61 HPS (1.67–1.98)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (0.08–0.16); Rolling (0.16–0.71); Flat (1.82–2.04)

Speed: 1–Design, 2–Posted: 25 MPH (2) Not Posted; 35 MPH (0.42); 40 MPH (2); 35 MPH (2) (1.77–1.84); 35 MPH (2) (1.84–2.06)

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase (1.64–1.84); 3 Phase (1.84–2.06); 3 Phase

Traffic Stations (Current Year): (B73 0058 00000); B73 0058 00008; B73 0058 00157

HPMS Sections – AADT 2007: 12,355; 13,935; 12,325

HPMS Sections – AADT 2006: 12,229 (0.08); 13,797 (1.57); 12,200

HPMS Sections – AADT 2005: 12,242; 8,524 (0.34–0.68); 12,093; 6,960 (1.84–2.06)

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (14)

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

Previous Projects: Project No., Date and Limits: 0.11 HWY-K-01-87 Improvements, 1987 (0.68–2.12); 58-01-71 (Reconstruction) 1971 (Sta. 1+32 – Sta. 112+52.87); S-254(1) 1954, 55

Date Released	
Aug. 2004, D.B.	
Revised	
Jan. 06	D.B.

SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY
KAUAI RTE 540
HALEWILI ROAD

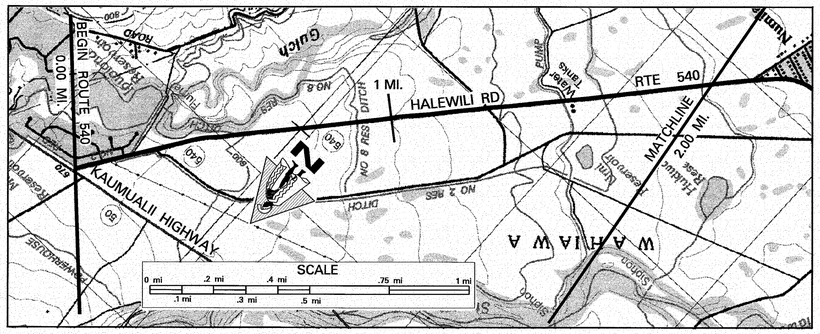
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

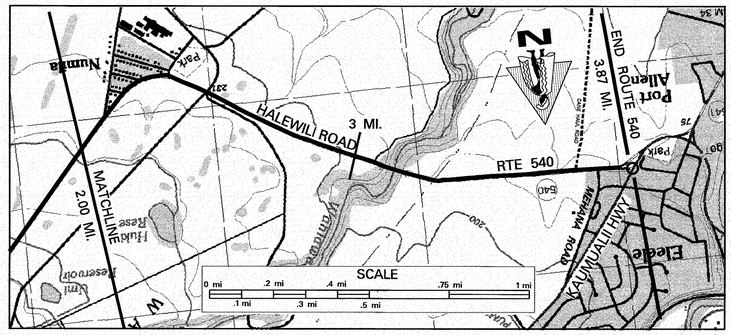
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 3.87 miles
- **a. Survey Length:** 3.87 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length: *** 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

0.01 Begin 540A on Halewili Rd. 30' S.W. of centerline of Kaumualii Hwy. (Rte 50) — 540 A (3.90 mi.) — End 540A on Halewili Rd. 220' N.E. (Measured along the S.W. Spur) of the Centerline Intersection w/ Kaumualii Hwy 3.91

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Prestressed Beam 1950 (1974) H-20
- Vertical Clearance: 408'
- Horizontal Clearance
- Structure Over Road — Vertical Clearance: 48'
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 60' (1.02–1.08) 60' (2.47–2.43) 80' (3.55–3.69) 65'

Available Right of Way Width (Needs Study): Clear 1000' – Sugar Cane 20' from E.P. (2.14) Residential (2.43) Clear 1000' – Sugar Cane 20' from E.P.

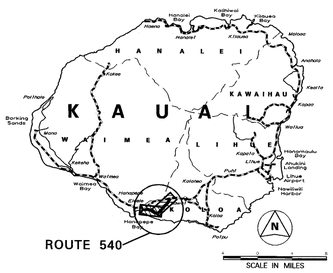
Right of Way Fence: Type – Right and Left: None

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: (126+15) (72+10) (200+68) STP-0540(3), (R), 2007

Project No., Type of Construction, and Year Constructed: (STP-050-1(9) (Realignment), 1996) (STP-0700-(35) SHLDR & GRD. RL. IMPROV. 1997) STP-0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS (540A-01-02M 2004 RESURFACE) (12+00)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

Begin Rte 540 on Halewili Rd. at the Southwest E.P. of Kaumualii Hwy (Rte 50). 0.00 mi.

Haku Hale St. End Divided (0.03) — Culvert Kau Wai St. (0.08) — Coffee Haul Rd. (0.99) — Water Tank Culvert (1.29) — McBryde Mill Rd. (1.99) — Rd. to Park (2.12) — Cane Haul Crossing (Kauai Coffee) (2.38) — Wahiawa Br. Quarry Dr. (2.93) — Huehu Rd. (3.08) — Ramp Begin Divided (3.68) — End Route 540 on Halewili Road at the East E.P. of Kaumualii Hwy (RTE 50). 3.87 mi.

HALEWILI ROAD — 1 MP (123+25) — 2 MP — 3 MP — 3.16 mi. — 3.95 MP

0.04 mi. 0.16 mi. 1.55 mi. 2.51 mi. 3.84 mi. 3.86 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 6' AC
- Pavement: Width and Type: (12' AC) 24' AC (12' AC)
- Shoulder: Width and Type: 0 6' AC (2.88) 12' AC 6' AC 12' AC 6' AC 0

Divided Highway

- Median: Width and Type: (0'-30' Grass (Flushed) w/ AC Fringe (No Shoulder) & AC Curb)
- Median Barriers: (0'-12' Painted AC) (3.84)
- Shoulder: Width and Type: 0 (0.04) 0
- Pavement: Width and Type: (12' AC) (14' AC)
- Shoulder: Width and Type: (20' Grass) (10' Grass) (3.87)

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

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

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

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 (1)

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

Speed: 1–Design, 2–Posted: (Not Posted) 35 MPH (2) 35 MPH (2) 50 MPH (2) 35 MPH (2) 50 MPH (2) 45 MPH (1) 35 MPH (1) (25 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B73 0540 00000 1.99

HPMS Sections – AADT 2007: 2,265

HPMS Sections – AADT 2006: 2,243

HPMS Sections – AADT 2005: 2,405 2,405 2,405 2,349 (2,420)

DOD Sections

Census Tracts

Functional Classification: Major Collector (7)

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

Previous Projects: Project No., Date and Limits:
- 0.06 STP-0700-(35) (Shoulder and Guardrail Improvements), 1997
- 0.07 (STP-050-1(9) (Realignment), 1996); 1.03 540A-01-02M 2004 RESURFACE
- HWY-K-01-91M (Resurface), 1991; 3.11 3.18 HWY-K-01-91M (Resurface), 1991
- 540A-01-72 (Resurface), 1972; 3.09 3.25 540A-01-72 (Resurface), 1972
- FAS 5A(1), 1939; 1.50 S-5(2), 1950 (RS-540(1), 1974); 3.95 Sta. 0+55.15 (Spur – Port Allen Leg)
- Sta. 127+84.80; Sta. –1+55.07; Sta. 79+44.07

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 2004, DB	
Revised	
Sept. 06	D.B.
Feb. 08	D.B.

ROAD INVENTORY
KAUAI RTE 541
WAIALO ROAD

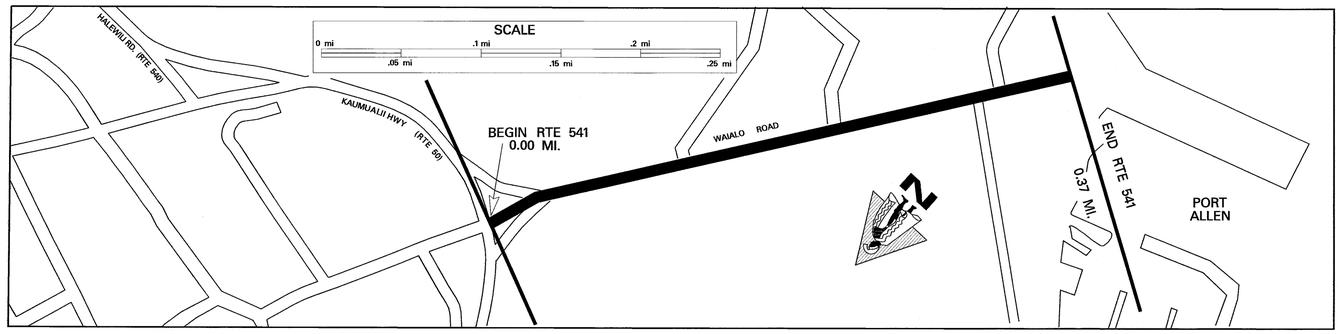
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.37 miles
- a. Survey Length: 0.37 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 541 A on Waialo Road at Centerline of Kaumualii Hwy. — 541 A (0.37 mi.) — End 541 A Same as End Route.

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: Varies 0.04 ◁ R/W is 40' from Centerline of Approaches 100' 0.35 40'–100'

Available Right of Way Width (Needs Study): Residential

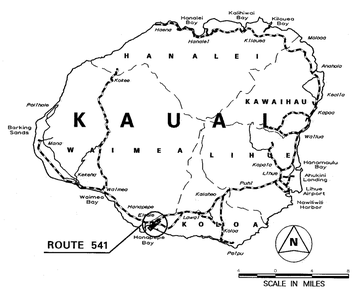
Right of Way Fence: Type – Right and Left: None

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: 16+00 — 541A–01–04M, Resurf., 2008 — (–) 3+60

Project No., Type of Construction, and Year Constructed: 541A–01–89M (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage

Begin Route 541 at Waialo Rd. at the South Edge of Pavement of Kaumualii Hwy (Route 50) — 0.00 mi.

End Rte 541 on Waialo Road at the "End State Highway" Sign at Port Allen. — 0.37 mi.

East Approach 0.01 mi. | Ent. to Eleele Shopping Center 0.02 mi. | Ent. to Eleele Shopping Center 0.04 mi. | Paved Road 0.09 mi. | End Divided 0.12 mi. | Waialo Road 0.14 mi. | Akai Ulis St. 0.17 mi. | Port Allen Boat Harbor Road & ECB (–) 0+23 0.31 mi. | 0.32 MP | West Approach 0.37 mi.

SCALE: (In Miles) 20" = 1 mile

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

Divided Highway — Undivided
- Shoulder: Width and Type: 5'–12' AC | 6'–8' AC
- Pavement: Width and Type: 16' AC | 0.04 | 22' AC | 36' AC
- Shoulder: Width and Type: 0 | 10' Dirt | 0.20 | 6' AC | 0.31 | 10' AC

Divided Highway — Median
- Median: Width and Type: 2'–20' Raised Grass | 0.03 | 8' Raised Grass | 0.14 | 8' Paint | 0.17
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 15' AC | 0.04 | 22' AC
- Shoulder: Width and Type: 10' Dirt | 0.03 | 10' Dirt

Number of Traffic Lanes: 1–16' | 1–15' | 4–11' | 1–12' | 1–14'

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

(Right Side): 11' | 0.01

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): Conc. Curb on Median (L) & (R) 0.14

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 (1)

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

Speed: 1–Design, 2–Posted: Not Posted | 0.05 | 35 MPH (2) | 0.21 | Not Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B73 0541 00000 | 0.03 | B73 0541 00004 | 0.14 | 0.21 | B73 0541 00017

HPMS Sections – AADT 2007: 11,655 | 3,860 | 5,960

HPMS Sections – AADT 2006: 11,537 | 3,819 | 0.17 | 5,900

HPMS Sections – AADT 2005: 6,231 | ◁(4,044) | 4,044 | 0.14 | 5,803 (0.03, 0.04)

DOD Sections

Census Tracts

Functional Classification: Major Collector (7)

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

Previous Projects: Project No., Date and Limits: FAP 12 J, 1939

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	
Sept. 2004, D.B.	
Revised	
Mar. 09	D.B.

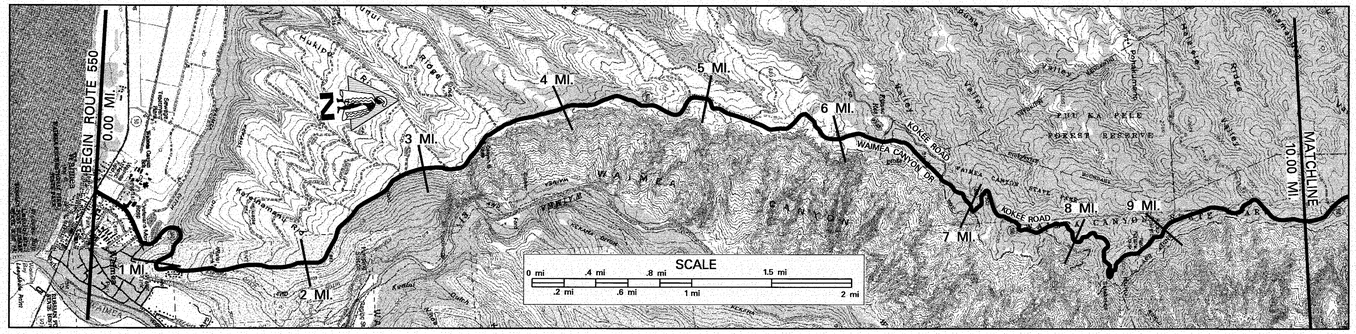
ROAD INVENTORY
KAUAI RTE 550
WAIMEA CANYON DRIVE & KOKEE RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 14.10 miles
a. Survey Length: 14.10 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

BEG 550 A ON WAIMEA CANYON DRIVE AT CENTERLINE WITH KAUMUALII HWY (RTE 50) — 550 A (6.73 MI.) — 6.73 — END 550A & BEG 550 B ON WAIMEA CANYON DR. 50' S.E. OF THE CENTERLINE INTERSECTION WIYH KOKEE RD. — 550 B (7.37 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: 40' (1.19) 80' (4.19) 40' (6.78) 80'

Available Right of Way Width (Needs Study): RESIDENTIAL (0.67) CLEAR 1000' BUSHES AND GRASS (7.00) TREES

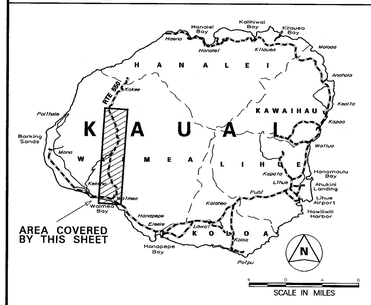
Right of Way Fence: Type – Right and Left: NONE

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: 550A–01–01M, (RESURF.) 2002 (4.98–6.00); STP–0700(58),GUARDRAIL & SHOULDER IMPV., 2008 (385+98 – 492+60, 7.38–9.39)

Project No., Type of Construction, and Year Constructed: 550A–01–95M (RESURF), 1996 (0–2.75); 350A–01–90M, RESURF, 1990 (2.75–6.74); 550B–01–92M, 1992 (R) (6.74–8.63); 550B–01–91M (RESURFACE) 1991 (8.63–10)


KAUAI
HANALEI
WAILEA
MEALIHIEA
KAWAIHAU
KOLOA
Hanalei Bay
Kilauea Bay
Port Allen
Waimea Bay
Hanapepe Bay
Nawiliwili Harbor
Lihue Airport
Hanamaulu Bay
Kapaa
Wailua
Anahola
Haena
Polihale
Barking Sands
Mana
Kekaha
Waimea
Hanapepe
Eleele
Koloa
Poipu
Princeville
Hanalei
Kilauea
Kalihiwai
Moloaa
Kaaha
Kapaia
Hulemalu
Puhi
Lihue
Hanamaulu
Nawiliwili
Kalaheo
Lawai
Omao
Kaumakani
Waimea
Kekaha
Mana
Polihale
Kaiwi Channel
Pacific Ocean
Hanapepe Bay
Port Allen
Eleele
Koloa
Poipu
Lihue
Kapaa
Princeville
Hanalei
Kilauea
Kalihiwai
Moloaa
Anahola

ROAD INVENTORY
KAUAI RTE 550
KOKEE ROAD

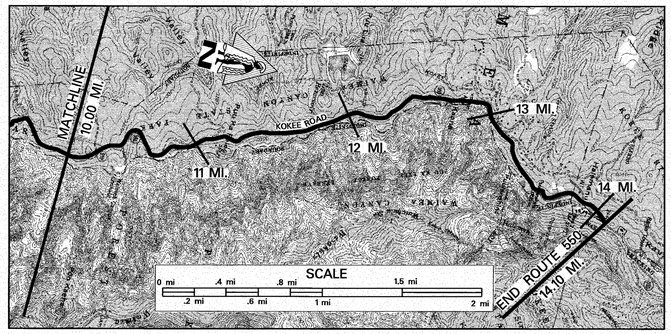
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 14.10 miles
- **a. Survey Length:** 14.10 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length: *** 0.00 miles

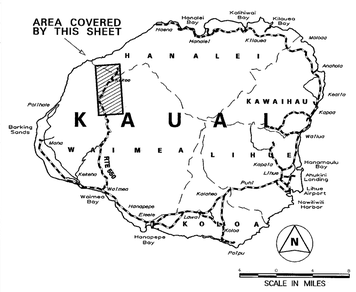
*



SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Maintenance Control Sections : Length and Description	550 B (7.37 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 – MOUNTAINS
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 (560+56 to 683+55)
Project No., Type of Construction, and Year Constructed	STP-0700(58), GUARDRAILS & SHOULDER IMPV., 2008 (10.68 – 13.03)
Project No., Type of Construction, and Year Constructed	550B-01-91M (RESURF.) 1991



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #1 — 10.00 MI.

WAIMEA CANYON RD. (SPUR) — ECB 10.38 mi. 10.34 mi.
DIRT ROAD DIRT ROAD — 11.12 MI. 11.11 MI. 11.00 MI.
CULVERT — 11.34 MI.
KOKEE ROAD
RD. TO CAMP HALE KOA — ECB
RD. TO KOKEE METHODIST CAMP — 13.13 MI.
ELEVATION 3500' PU'UHAWAINA LOOKOUT — 13.67 MI. 13.86 MI.
MAKAHA ROAD — 14.09 MI. 14.00 MI. 13.90 MI.
END RTE 550 ON KOKEE RD. AT THE ENTRANCE TO KOKEE STATE PARK ("END STATE HWY" SIGN). 14.10 MI.

11 MP (577+25) 12 MP 13 MP (682+15) 14 MP

ROAD TO PACIFIC MISSILE RANGE FACILITY – HAWAIIAN AREA

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Divided Highway – Undivided: Shoulder: Width and Type	VARIES 2'–6' GRASS
Pavement: Width and Type	18' AC
Shoulder: Width and Type	0'–2' DIRT (10.38) 4'–6' GRASS (10.97) VARIES 2'–6' GRASS
Median: Width and Type	
Median Barriers:	
Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	
Number of Traffic Lanes	2–9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left)	NONE
Protective Devices: Type, Location and Number — ALL METAL RAILS ON METAL POSTS	10.71–10.86; 10.95–10.96; 11.67–11.95; 12.78–12.79; 13.00–13.03
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 (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted	25 MPH (2); 12.51 NOT POSTED 25 MPH
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0550 00850 11.97
HPMS Sections – AADT 2007	1,370
HPMS Sections – AADT 2006	1,355
HPMS Sections – AADT 2005	1,411; 10.97; 1,387
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (7)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	550A-01-73 (R) 1973; 12.10 COUNTY; 550B -01-74 (R) 1974

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Date Released	
Sept 04, D.B.	
Revised	
Sept 06	D.B.
Mar. 09	D.B.

ROAD INVENTORY
KAUAI RTE 560
KUHIO HIGHWAY

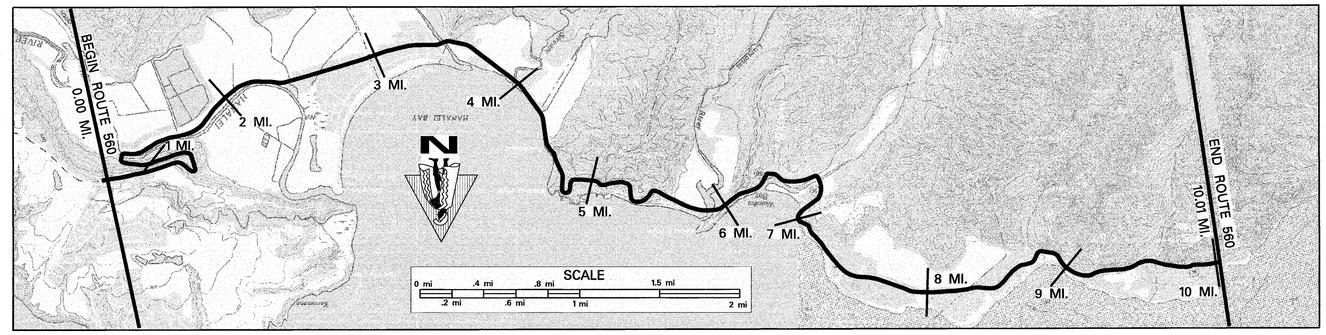
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 10.01 miles
- **a. Survey Length:** 10.01 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 560 A same as Begin Route. | 560 A (10.01 mi.) | End 560 A same as End Route 560.

Structure Carrying Road

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

Steel Pratt Truss 1912 H-10: 113' | 90'
R.C. Flat Slab 1912, H-15: 188'
R.C. Flat Slab 1912, H-15: 45'
R.C. Flat Slab 1913, H-10: 538'
Cont. Concrete 1968 HS 20: 42'
Steel Truss Deck 1969, H10: 78' | 146'
Steel Truss Deck 1973, H15
Steel Truss Deck 1975, H15

Vertical Clearance: 12.0 | 3.39 | 3.91 | 4.21 | 5.88 | 6.40 | 6.70 | 6.86

Horizontal Clearance: 17' | 13' | 13' | 13' | 28' | 10' | 10' | 14'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 40' | 80'–125' | 40'

Available Right of Way Width (Needs Study): Grass and Small Trees | Residential | Trees and Brush | Residential with Trees and Bushes

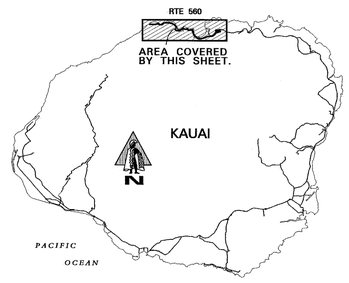
Right of Way Fence: Type – Right and Left (Footage indicates how far away from the edge of pavement the fence is.): Wire 10' | Wood 8' | Chain Link 6' | Wire 15'–25' | Wire 50' | Wire 6' | Chain Link 6' | Wood 10' | Wire 10' | Wire 10' | Wire 6' | Wire 8'

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: 560A-03-99, SHLDR. IMPRV. 2005

Project No., Type of Construction, and Year Constructed: 560A-02-96M, 1997 | 560A-01-96M, 1997 | 560A-01-00M, (Resurf.) 2000 | (56D-02-70 1970) 56D-01-85M (Resurf.) 1985 | 560A-01-86M (R) 1986



Road Diagram

* MP = Milepost Signage

BEGIN RTE 560 ON KUHIO HIGHWAY AT ROUTE MARKERS 56 & 560 (SAME AS END ROUTE 56).

Hanalei Lookout Rd. to Shop Cnt. | Hanalei Plantation Rd. | End Divided Begin Divided | Culvert | Culvert | Culvert

ROAD INVENTORY
KAUAI RTE 570
AHUKINI ROAD

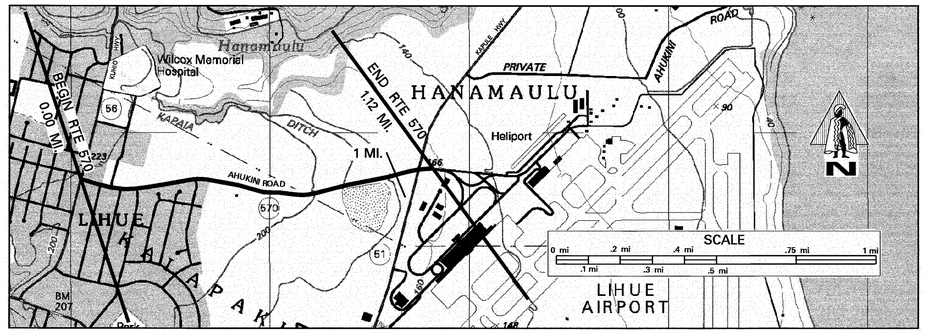
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 1.12 miles
- **a. Survey Length:** 1.12 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length: *** 0.00 miles

*

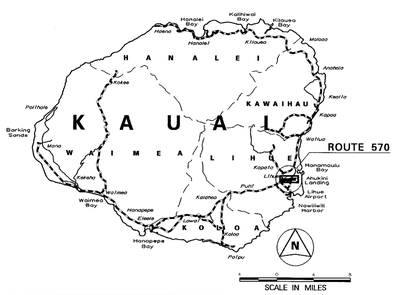


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

BEGIN 570 A ON AHUKINI RD. 30' S.E. OF CENTER-LINE INTERSECTION / KUHIO HWY. — 570 A (1.12 MI.) — END 570 A – SAME AS END RTE 570

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	120'
Available Right of Way Width (Needs Study)	RESIDENTIAL; 0.46: CLEAR 1000' – SUGAR CANE
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	0.12: HWY-K-02-99 IMPRV., 2000; 0.29
Project No., Type of Construction, and Year Constructed	570A-01-92M (R), 1993; 0.91: F-051-1(7), 1988



Road Diagram
* MP = Milepost Signage

0.00 MI. BEGIN RTE 570 ON AHUKINI RD. AT THE S.E. EDGE OF PAV'T. OF KUHIO HIGHWAY (RTE 56).

0.12 MI. AKAHI ST.
0.17 MI. ENT. TO WALMART
0.12 MI. BEG. PAINTED MED.
0.29 MI. UMI ST.
0.38 MI. END PAINTED MED.
0.50 MI. PALAI ST.
0.53 MI. CANE HAUL ROADS
0.91 MI. HELICOPTER TOURS
1.00 MI. BEG. PAINTED MED.
1.06 MI. KAPULE HWY (RTE 51)

AHUKINI ROAD; 0 MP; 1 MP

END RTE 570 ON AHUKINI ROAD 300' FROM THE CENTERLINE INTERSECTION WITH KAPULE HWY. (RTE. 51). (SAME AS "END STATE HIGHWAY" SIGN) 1.12 MI.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type
	Pavement: Width and Type
	Shoulder: Width and Type
Divided Highway	Median: Width and Type
	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 Stations (Current Year)	
HPMS Sections – AADT 2007	
HPMS Sections – AADT 2006	
HPMS Sections – AADT 2005	
DOD Sections	
Census Tracts	
Functional Classification	
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	

Shoulder: Width and Type	6' GRAVEL; 8' AC
Pavement: Width and Type	24' AC; 12' AC; 24' AC; 12' AC
Shoulder: Width and Type	0; 0; 6' GRAVEL; 0
Median: Width and Type	0.13; 12' PAINTED AC; 0.29; 0.50; 12' PAINTED AC
Median Barriers:	
Shoulder: Width and Type	0; 0
Pavement: Width and Type	12' AC; 12' AC
Shoulder: Width and Type	2' AC; 0.13; (4' AC/6' GRASS); 8' AC
Number of Traffic Lanes	2–12'; 0.97
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	0.07; 0.24; 12' (L) TL; 12' (L 12'; 12' AC T.L.
(Right Side)	0.98; 12'; 1.06
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	4' CONC.; 0.13
Curb and/or Gutter: Type (Right and Left)	(CONC. CURB W/ 2' CONC. GUTTER)
Protective Devices: Type, Location and Number	NONE
Illumination: Type, Location and Number	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:	SMALL URBAN (2)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1); 0.88
Speed: 1–Design, 2–Posted	35 MPH (2); NOT POSTED; 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	0.96; 3 PHASE; 1.06
Traffic Stations (Current Year)	B73 0570 00000; B73 0570 00017; (B73 0570 00106)
HPMS Sections – AADT 2007	9,395; 13,760; (10,710)
HPMS Sections – AADT 2006	9,300; 0.17; 13,622; (10,600)
HPMS Sections – AADT 2005	9,177; 13,593; (10,495); 0.36; 1.06
DOD Sections	
Census Tracts	
Functional Classification	PRINCIPAL ARTERIAL (14)
National Highway System (NHS)	ON NHS (1)
Previous Projects: Project No., Date and Limits	S-0570 (1), 1964

SCALE: (In Miles) 4" = 1 mile

Date Released
Oa. 04, D.B.
Revised

ROAD INVENTORY

KAUAI RTE 580
KUAMOO ROAD

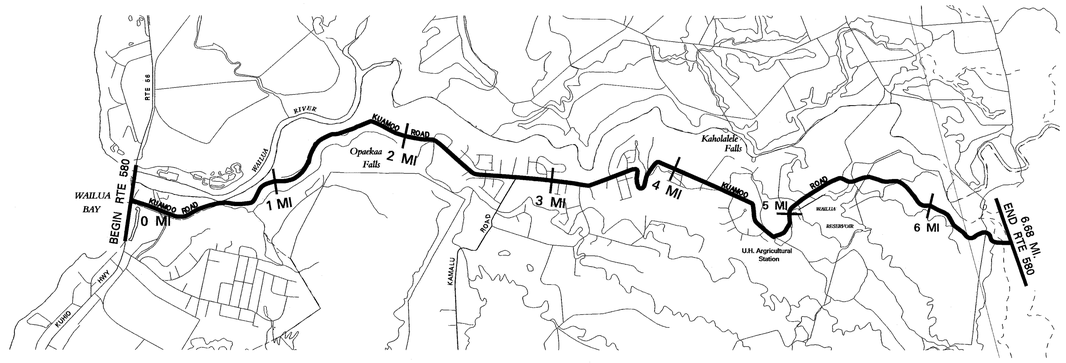
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 6.68 MILES (a+b)
- a. Existing Length: 6.68 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 6.68 MILES (a+b, less c)
- a. Existing Length: 6.68 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) 2" = 1 mile

Maintenance Control Sections : Length and Description

BEGIN 580A ON KUAMOO RD. 25' N.W. OF THE CENTER LINE INTERSECTION OF KUHIO HWY. (RTE 56) — 580 A (6.68 MI.) — END 580A SAME AS END RTE 580 (6.68)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1936 H15 53'
- Vertical Clearance
- Horizontal Clearance: 24'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: VARIES 40'-46'

Available Right of Way Width (Needs Study): 40' | 40' | 28' | 23' | 80' | 40'-60'

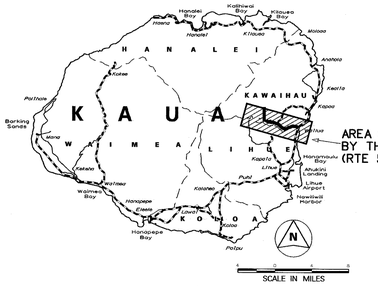
Right of Way Fence: Type - Right and Left: W/W 20'FEP | WOOD | WIRE ON WOOD 15'FEP | W/W

Control of Access: 1-None, 2-Partial, 3-Full: (STP-0700(58), GUARDRAILS, 2008) | STATE | (STP-0700(58), GUARDRAILS, 2008)

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

Project No. and Type of Construction

Year Project Constructed: (STP-0700(38), 1998) | 580A-01-07M, RESURFACE, 2008 | 580A-01-06M, (R) 2007 | 580A-01-01, (R) 2002 | 580A-01-99M, (R) 2000



Road Diagram
• MP=Milepost Signage

BEGIN RTE 580 ON KUAMOO ROAD AT THE W. EDGE OF PAVEMENT OF KUHIO HWY. (RTE 56) — 0.00 MI.

WAILUA ROAD | WAILUA RIVER STATE PARK | WAILUA RIVER STATE PARK EXIT | CHAMA ST. CULVERT (SNOW) | OPAEKAA BRIDGE | STATE PARK ROADS | SCENIC LOOKOUT | EXITS FROM SCENIC LOOKOUT | KAMILOA HAWAIIAN VILLAGE | ECB | OHELO ROAD LILIA PLACE | MELIA STREET | OHELO ROAD | MALA STREET | KAMALU RD (RTE 581) | LAN ALII PLACE | POKUKALA STREET | KAMALU ROAD | KAPAHAI ROAD | KAPAHAI ROAD CULVERT | PAAKO STREET | HIE STREET | LIHAU STREET | WAIKULIA STREET | HANAMANA STREET | KAHOLALELE ROAD | ANNA PONO STREET | U.H. AGR. STATION (R) | ECB | PAVED ROAD | CULVERT | TRACTOR CROSSING | CULVERT | TRACTOR CROSSING | "END OF IMPROVED HWY" SIGN | KULAU RIDGE TRAIL | FOREST RESERVE SIGN

1 MP — KUAMOO ROAD — 2 MP — 3 MP — 4 MP — 5 MP — 6 MP

END RTE 580 ON KUAMOO ROAD AT THE BEG OF FORD CROSSING. — 6.68 MI.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 4' AC | 6' AC | 4' AC | 4' - 6' AC | 6' - 12' GRS | 2' - 4' GRS
- Pavement: Width and Type: 22' AC | 20' AC | 18' AC | 16' AC | 14' AC
- Shoulder: Width and Type: (2'-4' AC) | 4' AC | 6' AC | 4' AC | 4' - 6' AC | 6' - 12' GRS | 2' - 4' GRS

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes: 2 - 11' | 2 - 10' | 2 - 9' | 2 - 8' | 2 - 7'

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

(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): 2' AC GUTTER

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

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 (1)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT | MOUNTAINOUS | ROLLING

Speed: 1-Design, 2-Posted: 35 MPH (2) NOT POSTED | 35 MPH (2) | 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B73 0580 00000 | B73 0580 00163 | B73 0580 00277 | B73 0580 00391 | B73 0580 00483

- HPMS Sections - AADT 2007: 12,120 | 10,425 | 3,640 | 2,325 | 2,325
- HPMS Sections - AADT 2006: 12,000 | 10,322 | 3,600 | 2,300 | 2,300
- HPMS Sections - AADT 2005: 11,855 | 11,855 | 9,626 | 10,957 | (9,322) | 3,610 | 2,303

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (7)

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

Previous Projects: Project No., Date and Limits
- STP-0700(38), 1998 | 580A-01-88M (R) 1988 | 580A-01-99M, (R) 2000
- 580A-01-93M, (RESURFACE) 1994
- RS-0850(2), (RESURFACE AND IMPROVEMENTS), 1980 | 580A-01-88M(R), 1988 | COUNTY, MAINTAINED BY STATE
- 580A-01-70(R), 1971
- A-580-01-64 PHASE 2 1964 | A-580-01-64 PHASE I, 1965 | WRDC-15(1), 1947 | COUNTY

SCALE: (In Miles) 2" = 1 mile

Date Released	
March 95	
Revised	
Pat Tom	3-95
Pat Tom	6-95
JK	4-96
JK	5-97
D.B.	2-08
D.B.	3-09

(21)

(21)

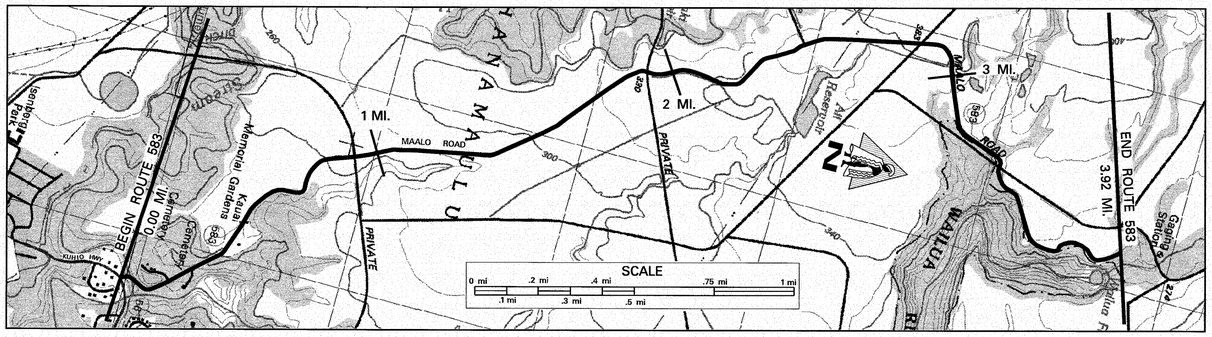
ROAD INVENTORY
KAUAI RTE 583
MAALO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 3.92 miles
a. Survey Length: 3.92 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*



SCALE: (In Miles) 4" = 1 mile

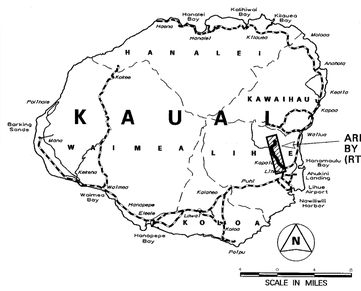
Maintenance Control Sections : Length and Description

BEGIN 583A – ON MAALO ROAD 18' N.W. OF KUHIO HIGHWAY (RTE 56).
583A (3.92 MI.)
END 583A – SAME AS ROUTE END 3.92

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)	CLR 1000' SUGAR CANE 20' 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)	STATE
Project No., Type of Construction, and Year Constructed	(583A-01-71, 1971) 0.01 – 159+75 2.97: 583-01-95M (RESURFACE) 1996; 1.98 – 2.31: HWY-K-01-70, 1970; 209+10 3.92: 583A-01-01M, RESURFACE, 2005
Project No., Type of Construction, and Year Constructed	583A-01-71, 1971



Road Diagram
* MP = Milepost Signage

BEGIN RTE 583 ON MAALO RD. AT THE NORTHWEST EDGE OF PAV'T OF KUHIO HWY. (RTE 56) 0.00 mi.

Mile	Feature
0.03 MI.	BRIDGE (1927)
0.05 MI.	ROAD (L)
0.15 MI.	RD TO CEMETERY
0.25 MI.	KAUAI MEMORIAL GARDENS ROAD
0.48 MI.	CULVERT
0.68 MI.	CULVERT
0.82 MI.	CANE HAUL RD. (R)
0.92 MI.	QUARRY ROAD (L)
1.02 MI.	CULVERT
1.10 MI.	ECB (L)
1.39 MI.	CULVERT
1.82 MI.	DIRT ROAD
1.92 MI.	MAALO ROAD
1.99 MI.	CANE HAUL ROAD
2.25 MI.	CANE HAUL ROAD
2.45 MI.	CULVERT
2.57 MI.	PAVED ROAD
2.82 MI.	CULVERT
2.90 MI.	HWY OVERPASS CULVERT
2.97 MI.	CULVERT
3.31 MI.	CULVERT ECB (R)
3.33 MI.	END OF PAV'T
3.45 MI.	
3.80 MI.	
3.84 MI.	
3.92 MI.	

END RTE 583 ON MAALO RD. AT THE END OF PAVEMENT. 3.92 MI.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type — GRASS
- Pavement: Width and Type — 20' AC
- Shoulder: Width and Type — GRASS

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

2' | 0.10 | 6' | 0.48 | 2'–4' | 1.90 | 6' | 2.26 | 0' | 2.36 | 4' | 3.03 | 8' | 3.13 | 4'–6' | 3.62 | 4' | 3.79 | 2'

20' AC | 1.98 | 10'–15' AC | 2.97 | 17'–20' AC

2'–4' | 0.10 | 6'–8' | 0.98 | 4'–6' | 2.24 | 3' | 2.34 | 6' | 2.84 | 2'–4' | 3.48 | 8' | 3.43 | 6'

Number of Traffic Lanes	2–10' | 1.98 | 2–(5'–7.5') | 2.97 | 2–(8.5'–10')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	PARKING APRONS (R) 3.63 3.68 3.80
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 UNLESS OTHERWISE NOTED	3.45 3.30 3.41 3.50 3.62 3.85 3.89 3.35 3.38 3.45 3.79 3.84 (STEEL RAILING ON CONCRETE WALL)
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	SMALL URBAN (2) | 0.92 | RURAL (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING
Speed: 1–Design, 2–Posted	25 MPH (2) | 3.35 | NOT POSTED 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0583 00000 | B73 0583 00092 | B73 0583 00198 | B73 0583 00331
HPMS Sections – AADT 2007	910 | 910 | 1,010 | 1,010
HPMS Sections – AADT 2006	900 | 0.92 | 900 | 1,000 | 3.31 | 1,000
HPMS Sections – AADT 2005	932 | 969
DOD Sections	1.98
Census Tracts	
Functional Classification	MAJOR COLLECTOR (17) | 0.92 | MAJOR COLLECTOR (7)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	PHASE II 583A-01-71, 1971 | 0.50 | HWY-K-01-70 (PHASE II), 1970 | 2.30 | 583A-01-71, 1971

Date Released	
Oct. 04, D.B.	
Revised	
Jan. 06	D.B.

SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY
KAUAI RTE 5600
TEMPORARY KAPAA BY-PASS RD.

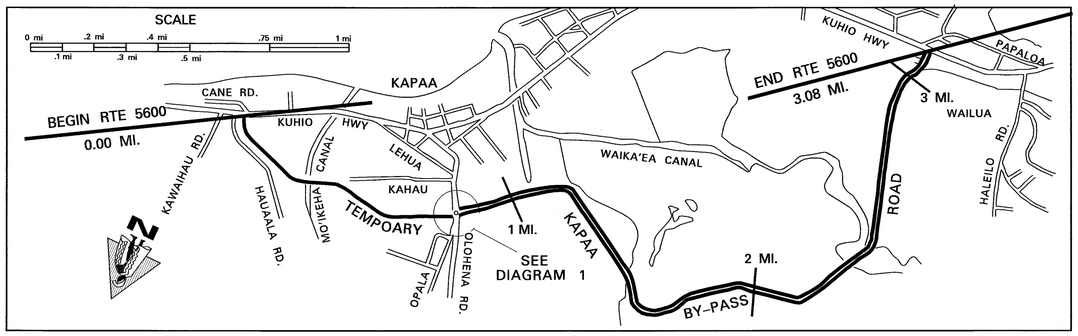
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 3.08 miles
- **a. Survey Length:** 3.08 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: ACROW PANEL TRUSS, HL-93, 2006; 94'
- Vertical Clearance: 0.28
- Horizontal Clearance: 16'- 4"

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (0.77) 60' (0.81) 100' (0.91) 60' (1.01) 120' (1.48) 100' (1.56) 60' (1.73) 100' (1.89) 60'

Available Right of Way Width (Needs Study)

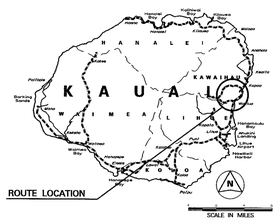
Right of Way Fence: Type – Right and Left: 6' CHAINLINK FENCE 25'-30' FROM E.P. (0.06–0.75); WIRE 35'-40' FROM E.P. (0.12–0.75)

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: (40+79.03) (12+79.55) 56A-03-00, NEW CONSTRUCTION, 2007 (0.82–0.76) (0+00)

Project No., Type of Construction, and Year Constructed: (123+00) 56A-02-95



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

0.00 mi. BEGIN KAPAA BY-PASS ROAD AT THE NORTH WEST E.P. WITH KUHIO HIGHWAY (RTE 56).

MO'IKEHA CANAL BRIDGE (0.29 MI.) — KAPAA BY-PASS ROAD EXT. — ONE WAY (IN SERVICE FEB. 07)

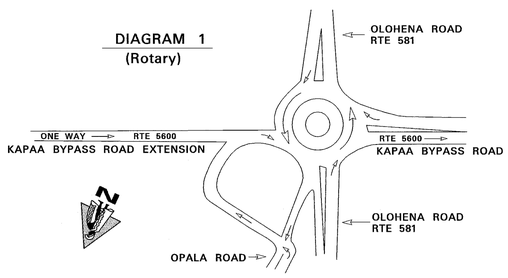
SIPHON (AG. DITCH) END DIVIDED (0.79 MI.) BEGIN DIVIDED (0.75 MI.) — SEE DIAGRAM 1 (Rotary) (0.83 MI.)

TEMPORARY KAPAA BY-PASS ROAD

SIPHON (AG. DITCH) (1.92 MI.) — SIPHON (AG. DITCH) (2.08 MI.) — 1 MP — CULVERT (2.37 MI.) — SIPHON (AG. DITCH) (2.54 MI.) — GATE (OPEN 6:30 AM – 7:00 PM) (2.99 MI.)

END KAPAA BY-PASS ROAD AT THE NORTH E.P. OF KUHIO HWY (RTE 56). 3.08 MI.

DIAGRAM 1 (Rotary)



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 2' AC (0.22) 2'-6"– 2'-8" AC (0.35) 2' AC — (0) — 2' AC
- Pavement: Width and Type: 11' AC (ONE WAY (–) DIRECTION) — (15' AC) — 22' AC
- Shoulder: Width and Type: 5' AC (0.22) 2'-6"– 2'-8" AC (0.35) 5' AC — (0) — 2' AC

Divided Highway — Divided
- Median: Width and Type: (100' CONC. ROUNDABOUT) (0.75–0.79)
- Shoulder: Width and Type: (0)
- Pavement: Width and Type: (15' AC)
- Shoulder: Width and Type: (0)

Number of Traffic Lanes: 1–11' — 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (0.77–0.79)

(Right Side) (2-15')

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 (0.19–0.37; 0.81–0.94; 1.00–1.13; 1.46–1.50; 1.47–1.56; 1.71–1.84; 1.80–1.89; 1.91–1.93; 1.92–1.94; 2.02–2.03; 2.10–2.11; 2.27–2.39; 2.37–2.39; 2.45–2.56; 2.66–2.76; 2.83–2.86)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (2) (1.08) RURAL (1) (2.20) SMALL URBAN (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (15 MPH (2)) (0.75–0.77) — ROLLING

Speed: 1–Design, 2–Posted: 25 MPH (2) (0.77–0.79) (25 MPH (2)) (0.82) 35 MPH (2) (1.37) 25 MPH (2) (1.76) 35 MPH (2) (2.91–2.96) (NOT POSTED) (25 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic StationS (Current Year): B73 5600 00000

HPMS Sections – AADT 2007: 105 (105) 105 105 105

HPMS Sections – AADT 2006: (0.75–0.79) (1.08) 100 (2.20)

HPMS Sections – AADT 2005: 100

DOD Sections

Census Tracts

Functional Classification: LOCAL (19) (1.08) LOCAL ROAD (9) (2.20) LOCAL (19)

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

Previous Projects: Project No., Date and Limits

Date Released	
May 2006, D.B.	
Revised	
Sept. 06	D.B.
Dec. 07	D.B.

SCALE: (In Miles) 4" = 1 mile