STATE ROUTE SYSTEM

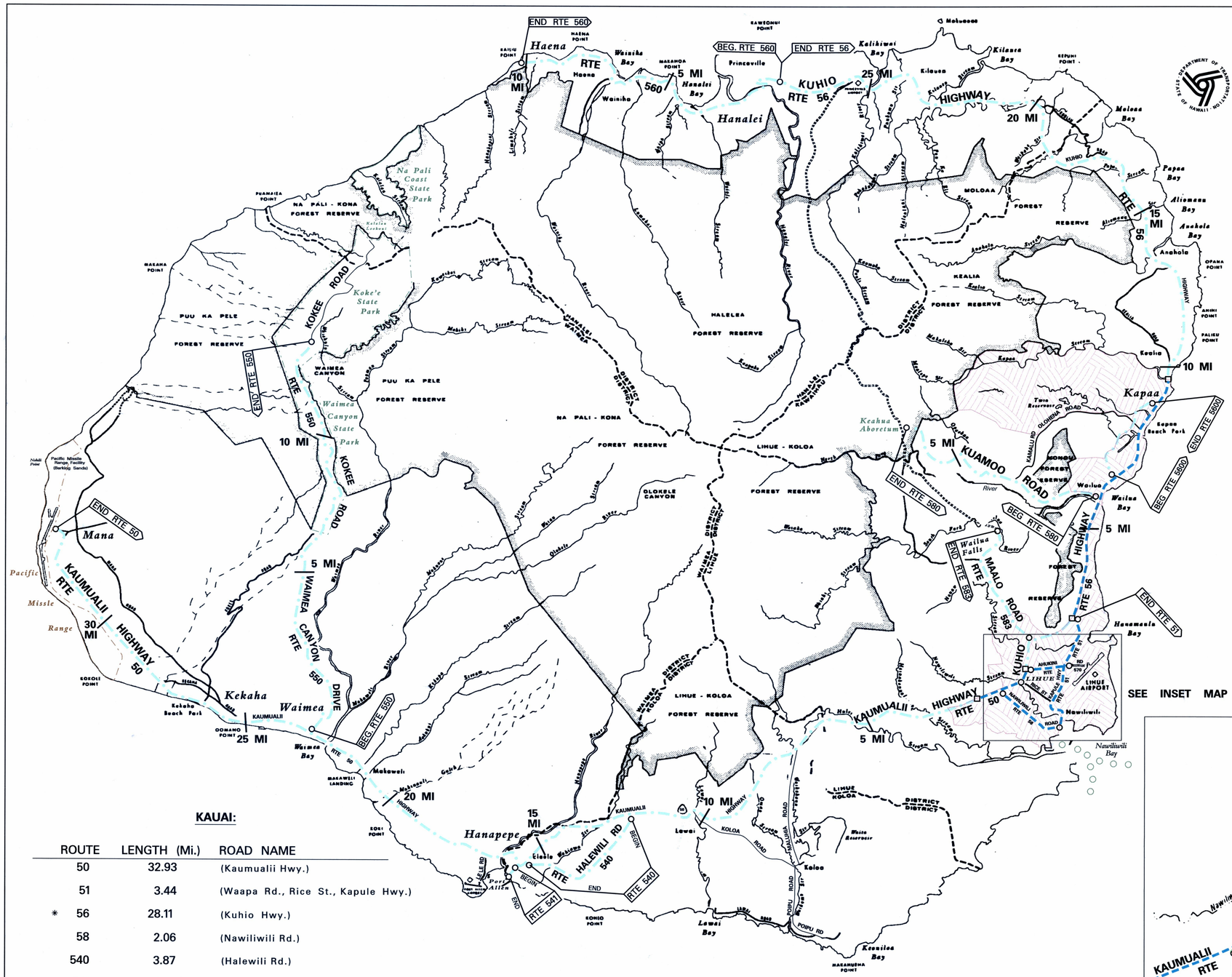
COUNTY OF KAUAI

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 2010



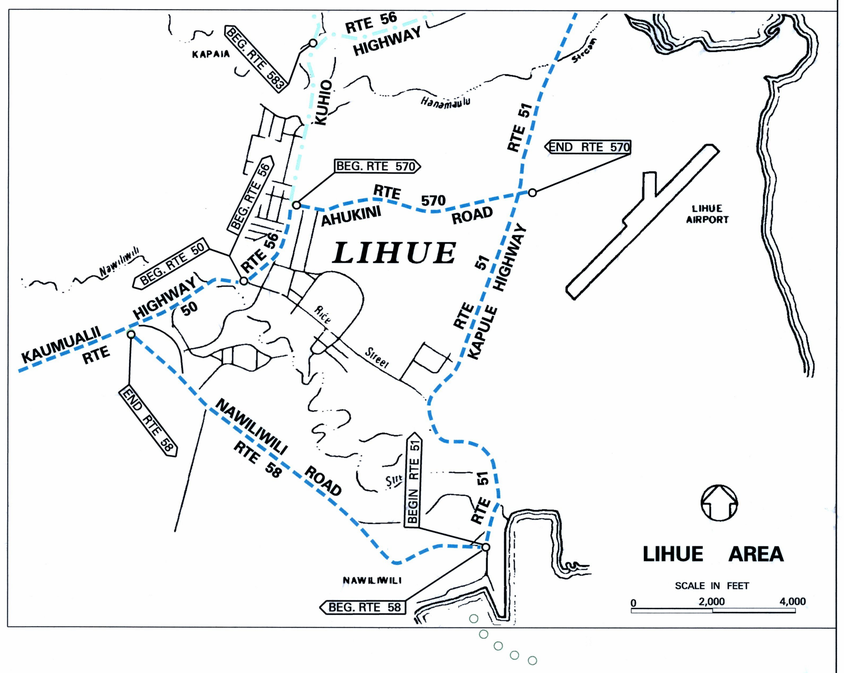
LEGEND

- STATE (NHS)
- STATE (Non-NHS)
- WATER (NHS)
- Route termini point
- NHS to non-NHS transition point
- URBAN AREA

SCALE

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS



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	

* Please Refer to Hwy System Changes List for Route Changes

Date Released	
Dec 2002	JK
Revised	
Apr. 04	D.B.
May 06	D.B.
Jan. 07	D.B.
Feb. 11	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

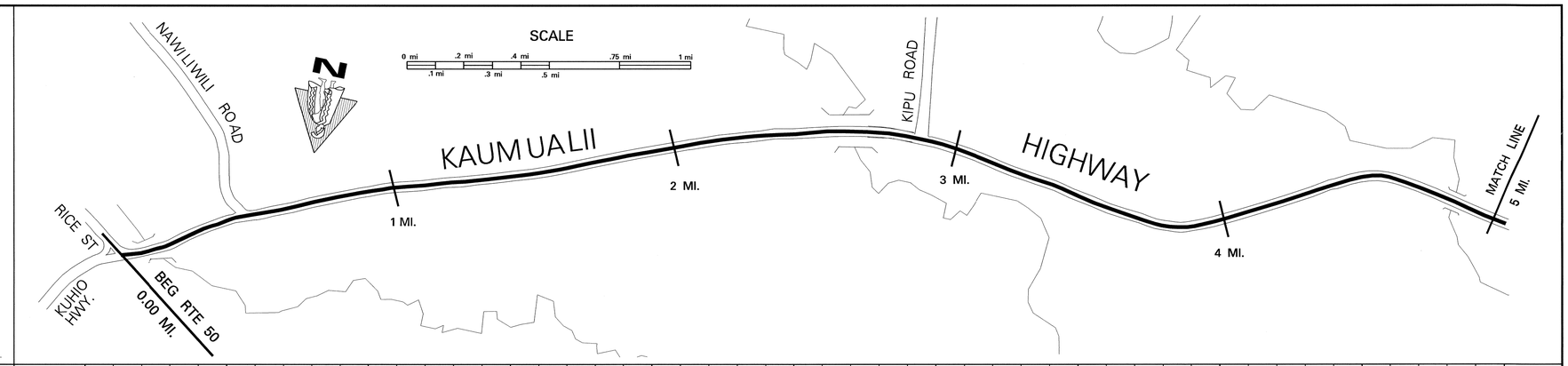
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

END 50E – SAME AS BEGIN RTE 50. | 50E (1.74 MI.) | BEG. 50E – END 50D ON KAUMUALII 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: 38' 24' ; 40' ; 52'

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' 80' 60' 60' 80' 60' 60' 80' 60' 120' 60' 80' 60' 70' 130' 80' 120' 150' (80') (100') (110') (170') (60')

Available Right of Way Width (Needs Study): Residential + Commercial (0.12) Trees + Bushes (0.57) Sugar Cane (1.06) Residential (2.02) Sugar Cane (4.02) Trees (4.76)

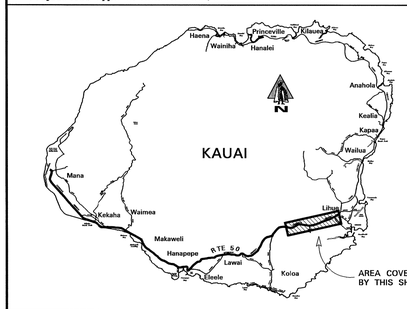
Right of Way Fence: Type – Right and Left: W/W 30'FEP (1.06–1.37); W/W (1.37–1.55); W/W 30' FEP (4.01–4.31)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (13+38.93; 98+80; 194+75; 189+17)

Project No., Type of Construction, and Year Constructed: (50E-01-98 Realignment 2001) 50DE-01-05M (R) 2006 (1.79); (HWY-K-03-04M, RESURF., 2008) (2.61–3.01)

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. MP 0.00 mi. — End Divided Hwy, Spur to Rice St. (0.09 mi.) — Lihue Mill Br. (0.11 mi.) — Hoomana Rd. (0.16 mi.) — Halai Road (0.17 mi.) — Beg Divided Hwy (0.38 mi.) — Uahi Road (0.47 mi.) — Nawiliwili Road (Rte 58) (0.54 mi.) — Driveway (0.65 mi.) — Kalepa Street (0.72 mi.) — End Divided Hwy (0.80 mi.) — Dirt Road (0.92 mi.) — 1 MP — Beg Divided Hwy (0.97 mi.) — Nuhou Street 1.23 mi. (1.01 mi.) — Paved Road (R) (1.23 mi.) — End Divided Hwy & Truck Weight Sta. (1.07 mi.) — Kilohana Complex 1.33 mi. (1.39 mi.) — Nani Street (1.53 mi.) — Beg Divided Hwy (1.58 mi.) — Puhi Rd (L) (R) 1.71 mi. — Driveway (1.74 mi.) — (Kauai Community College) (1.81 mi.) — Beg Divided Hwy — End Divided Hwy — Kikowaena St. (1.82 mi.) — Puhi Rd (1.89 mi.) — Dirt Rd. (1.89 mi.) — Anonui St. 1.93 mi. (1.89 mi.) — End Divided Hwy (2.00 mi.) — Dirt Road (2.10 mi.) — Rd. to Nursery (2.46 mi.) — Road to Brewer Chemical Hoinakainalehua Str. Culvert (2.67 mi.) — Cane Haul Rd. (2.62 mi.) — Beg Divided Hwy (2.88 mi.) — 102+55 — Kipu Rd. 2.95 mi. (2.88 mi.) — End Divided Hwy (2.92 mi.) — 3 MP — ECB (2.96 mi.) — KAUMUALII (3.03 mi.) — Paved Rd. (3.35 mi.) — Cane Haul Rd. (3.47 mi.) — Indicates Grass & / or Physical Barrier on Median. — Cane Haul Rd. (3.57 mi.) — 4 MP — HIGHWAY (3.97 mi.) — ECB Begin Divided Hwy (4.55 mi.) — Huleia Bridge (Halfway Bridge) (4.58 mi.) — Road (R) (4.73 mi.) — Road to Quarry (R) (4.76 mi.) — End Divided Hwy (4.80 mi.) — 5.00 mi. (4.89 mi.)

CONTINUED ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

- Shoulder: Width and Type: 8' AC (0.20) 6' AC (0.39) 8' AC (0.57) 4'–10' AC (0.79) 8' AC (1.70) 4' AC (1.87) 6'–8' AC (2.85) 4' AC (3.39) 6'–8' AC (3.78) 6' AC (3.85) 6'–8' AC (4.27) 5' AC (4.44) 8' AC (4.48) 4'–5' AC (4.55) 8' AC (4.76) 8' Conc. (4.84) 8' AC
- Pavement: Width and Type: 24' AC (12' AC) 24' AC 12' AC (0.89) 24' AC (0.80) 12' AC 24' AC 12' AC 24' AC (24' AC) 12' AC 24' AC 12' AC 24' AC 12' AC
- Shoulder: Width and Type: 2' AC (0.06) 10' AC (0.16) 0 (0.23) 8' AC (0.28) 4'–8' AC 0 8' AC 0 8' AC (0.57) 4'–8' AC 0 (8' AC) (0.85) (6'–8' AC) 0 6'–8' AC 0 6'–8' AC (3.38) (3.43) 6'–8' AC (5' AC) (4.36) (8' AC) (18' AC) (8' AC) 0 (4' AC)

Divided Highway – Median

- Median: Width and Type: (4'–16' Raised Grass/Shurbs) (0.05) (0.11) (0–12' Painted AC) (0.47) 0'–12' Painted AC (0.92) (1.07) 0'–10' Painted AC (1.39) (1.58) 0'–20' Painted AC (1.82) (1.86) 0'–12' Painted AC (2.00) (2.88) 0'–10' Painted AC (3.03) (4.51) (4.55) 0'–12' Painted AC (4.69)

Divided Highway – Undivided

- 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 12' AC
- Shoulder: Width and Type: 10' AC (4'–8' AC) (0.62) 8' AC 8' AC (1.34) 8' AC 4' AC 8' AC 6'–8' AC (6'–8' AC) (2.92) 5' AC (3.10) (6'–8' AC) 8' AC (4.77) 8' Conc. (4.89) (4.95) 4' AC

Number of Traffic Lanes: (2–12' (L) (1–12' (R)) (0.05) 2–12' (0.65) 2–12' 1–12' (1.14) (1.23) (1.30) (1.76) (1.83) (1.97) 2–12' (2.86)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): Accel. (0.55) (0.69) (0.80) (0.89) 12' TL (1.26) (1.31) (1.33) (1.86) (1.77) (1.89) (1.96) 1–12' (R) TL (3.40) (4.66) (4.88)

(Right Side): 1–12' (Accel. Lane) (0.51) (0.69) (1.16) (1.23) (1.31) (1.67) (1.74) (1.78) (1.89) (1.96) 1–12' (L) TL (2.33) (2.48) (2.56) 1–12' (L) TL (4.63) (4.76)

Frontage Road: No. of Lanes, and Width (Right and Left): (6'–8' Conc.) (0.65) (0.69) None

Sidewalk: Width and Type (Right and Left): 4' Conc. (0.37) (6' Conc.) (4.96) (4.97)

Curb and/or Gutter: Type (Right and Left): (2' Conc. Curb/Gutter) (0.09) (0.23) (2.77) (3.79) (4.10) (4.29) (6' Conc. Gutter) (4.67) (6' Conc. Gutter)

Protective Devices: Type, Location and Number: Conc. w/ Metal (0.21) (1.82) Metal w/ Metal (2.25) Metal w/ Metal (3.79) Metal w/ Metal (4.10) Metal w/ Metal (4.29) (4.67) (Metal w/ Metal)

Illumination: Type, Location and Number: Metal w/ Metal (0.23) (Wood w/ Wood) (1.23) Metal w/ Metal (Metal w/ Metal) (2.27) (2.54) (2.85) (2.93) (3.04) Metal w/ Metal (4.38) (4.58) Metal w/ Metal (4.78)

Luminairs (0.15) (1.19) (2.05)

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 (1.74) Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling (0.62) Flat (1.24) Rolling (2.87) Flat (3.38) Rolling

Speed: 1–Design, 2–Posted: 25 MPH ② (0.32) (0.37) 35 MPH ② (2.00) (2.07) 40 MPH ② (3.14) (3.41) 50 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase (0.64) (0.80) 3 Phase (1.23) 3 Phase (1.74)

Traffic Stations (Current Year): B73 0050 00000 B73 0050 00065 B73 0050 00174 B73 0050 00295

HPMS Sections – AADT 2009: 21,900 19,900 23,200 21,900

HPMS Sections – AADT 2008: 27,051 (0.65) 35,748 (1.74) 24,022 (2.95) 24,202

HPMS Sections – AADT 2007: 27,145 27,485 27,485 25,310 (4.94) (24,345)

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

National Highway System (NHS): On NHS (1) (1.74) 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. (2.96–3.40)
- STP-050-1(15) (R), 1996 (2.97)
- (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 (1.59)
- (2.98) 50D-01-87M (R), 1987 (3.94) (4.21) 50 DE-01-86M, 1986 (4.49) (4.61) LT-K-02-79, 1980
- 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 (2.97) FAP 12 F, 1937 F12 (17), 1951 (3.28) (3.33) (177 + 00) D-50-01-65, 1965 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.
Dec. 09	D.B.
Feb. 11	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

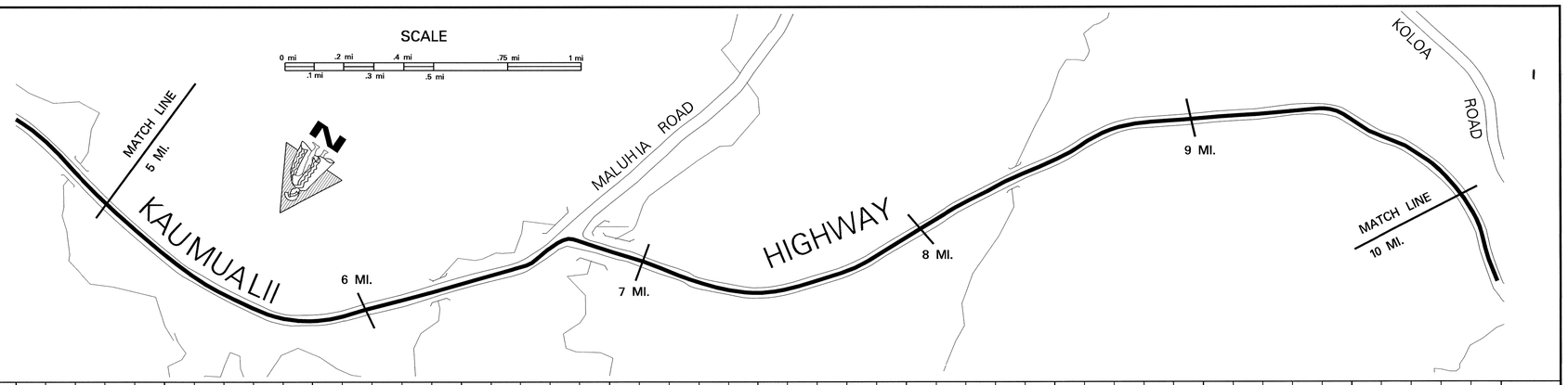
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

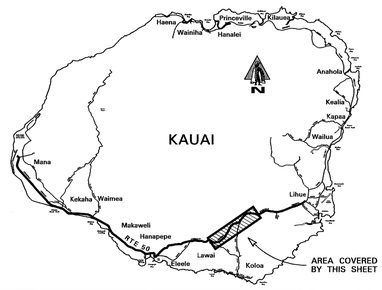
Total Travel Way Length: 32.93 MILES (a+b, less c)
- a. Existing Length: 32.93 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



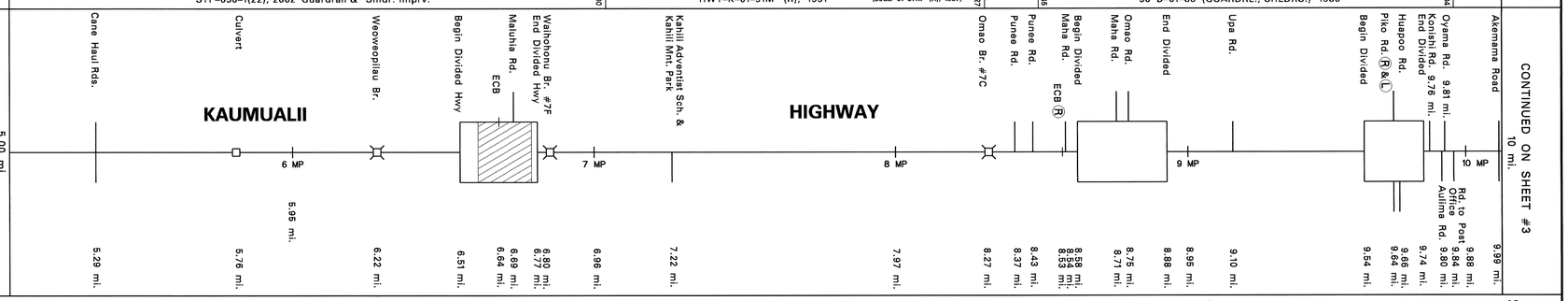
SCALE: (In Miles) 4" = 1 mile

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'
Structure Carrying Road – Vertical Clearance	6.22; 6.80; 8.27
Structure Carrying Road – Horizontal Clearance	24'; 24'; 24'
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60' 5.45 100' 5.76 60' 6.38 65' 6.98 60' 7.54 7.56 60' 7.83 7.87 60' 8.18 8.22 80' 8.32 60' 8.86 8.87 100' 9.00 60' 9.14 90' 9.42 100' 9.57 9.60 70' 9.63 9.73 80' 9.96 9.98 (120') (100') (100') (200') (80') (130') (60') (100')
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	5.42 5.98 (STP-050-1(24), GUARDRAIL/SHOULDER IMPRV., 2005) 7.17 50D-01-00M, Resurf., 2002 8.54
Project No., Type of Construction, and Year Constructed	STP-050-1(22), 2002 Guardrail & Shldr. Imprv. 7.00 HWY-K-01-91M (R), 1991 (50CD-01-87M (R), 1987) 8.27 8.45 50 D-01-86 (GUARDRL., SHLDRS.) 1986 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; 4' AC; 7.86 6' AC 8.25 3' AC 8.71 4' AC
Divided Highway – Undivided – Pavement: Width and Type	(24' AC) 5.01 36' AC 5.39 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
Divided Highway – Undivided – Shoulder: Width and Type	(4' AC) 8' AC 5.35 18" AC 4' AC; 0; 4' AC (6' AC) 8.57 0 8.95 8' AC 4' AC; 0; 4' AC
Divided Highway – Median: Width and Type	(0'–8' Painted AC) 6.51 6.57 4'–12' Flush Grass 6.75 6.77 (4'–0' Painted AC); 8.69 0'–12' Painted AC 8.89; 9.54 0'–11' Painted AC 9.74
Divided Highway – Shoulder: Width and Type	0; 0
Divided Highway – Pavement: Width and Type	12' AC; 12' AC; 12' AC
Divided Highway – Shoulder: Width and Type	4' AC; (6' AC) 8' AC; 4' AC
Number of Traffic Lanes	(2-12') 1-12' 2-12' 1-24' 5.39; 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)	5.01 5.26 12' Accel Lane 6.44 6.69; 12' Turn Lane(L) 6.95; 7.85 12' Truck Climb Lane (L) 8.23 8.91
(Right Side)	1-10' (L) T.L. 8.69 8.73 8.75 8.77 8.79 8.81 1-12' (L) T.L. 9.61 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 5.22; 6' Conc. Gutter 5.29; 6.22 6.30; 6.86 7.01 7.10 7.18; 7.83; 8.05; 8.25 8.82 8.61 4' AC Gutter 8.82; 9.44
Protective Devices: Type, Location and Number ALL METAL RAILS ON METAL POSTS	(Metal w/ Metal) 5.07 5.37 5.69 5.76 5.78; 6.20 6.26 6.42 6.88 6.70 6.84; 6.86 7.00 7.09 7.14 Metal w/ Metal; 7.35 Metal w/ Metal 8.04 Metal w/ Metal; 8.44 Metal w/ Metal; 9.31 Metal w/ Metal 9.51 9.65 Metal w/ Metal
Illumination: Type, Location and Number	8.44 M.V. 8.55; 9.65 M.V. 9.83
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling 7.97 Mountainous
Speed: 1–Design, 2–Posted	50 MPH ② 9.47 9.48 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	(B73 0050 00295) B73 0050 00501; B73 0050 00539; B73 0050 00669; B73 0050 00875; B73 0050 00964
HPMS Stations – AADT 2009	(21,900) 24,828; 25,206; 13,900; 12,700; 12,800
HPMS Stations – AADT 2008	(24,202) 5.01 24,351 5.39; 24,721 6.69; 15,755 8.75; 15,427 9.84; 14,786
HPMS Stations – AADT 2007	24,345 5.46; 25,885; 16,300; 16,130; 15,040
DOD Sections	
Census Tracts	
Functional Classification	Principal Arterial (3) 6.69 Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	5.42 50D-01-99M (R), 2000 6.81 HWY-K-01-91M (R), 1991 8.27
Previous Projects: Project No., Date and Limits	(BR-F-050-1(7) (BRIDGE & APPROACH), 1990) STP-050-1(19), 1998 5.44; 5.42 (50D-01-98, Accel. Ln., 2000) 6.39 6.70; HWY-K-03-82 (GUARDRAILS & SHOULDER IMPROVEMENTS), 1983 8.31
	(LT-K-02-79, 1980) 5.01 5.41 50 D-02-88M (R), 1988 6.81; (50 CD-01-75M, 1975) 8.30 8.55 STP-050-1(11), R, 1993; HWY-K-01-76M (R), 1976 6.53 6.57 50 CD-01-75M, 1975 7.86 8.54 50D-02-76, R, 1976 8.95; 50-D-03-69, 1971 5.36 D-50-01-64, 1964 5.88 K-01-72, 1972 6.39
	(FAP 12 I, (1937)) 5.06 (269+00) WHP-12H, 1935-1937 6.65 6.53 (353+03) (0+00) NRH-12B, 1933 7.86 (87+04) 7.92 50 CD-01-70, 1974 8.29 NRH-12B, 1933 8.55 8.59 50D-01-90M, 1990 8.92 8.96 50CD-01-75M, 1975 (179+70) (50D-01-67, 1968) 8.27 (162+92) (164+08) 50D-01-67, 1968 (124+55)

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Sept 10	D.B.
Feb. 11	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

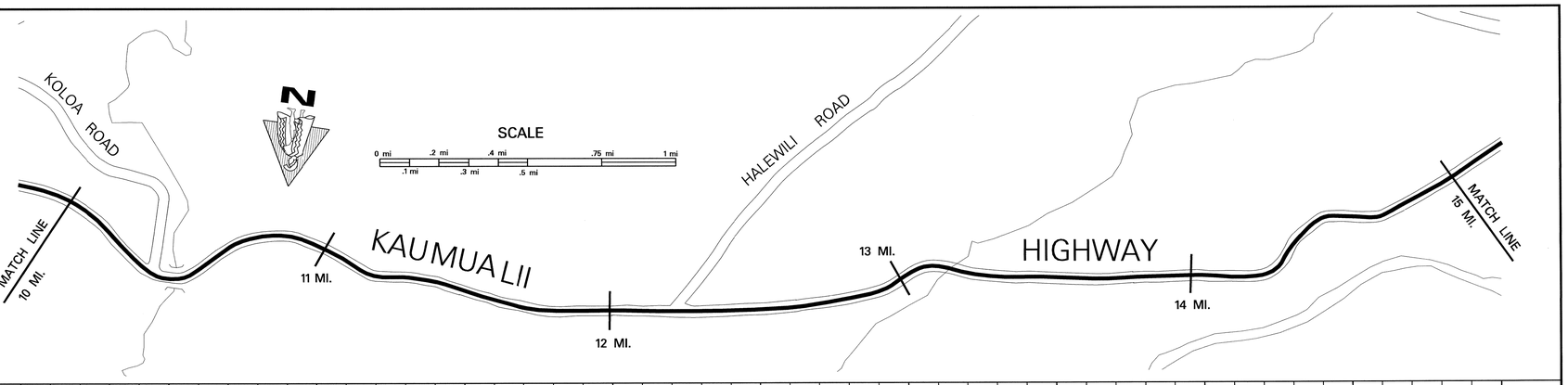
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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.)
- 10.37 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' 10.06; 110' 10.16; 80' 10.26; 100' 10.41; 80' 10.51; 90' 10.61; 120' 10.71; 210' (150') 10.82; (100') 10.86; 80' (90') 11.07; 120' (110') 11.14; (170') 11.24; (135') 11.31; 70' 11.38; 60' 11.97; 100' 12.05; 60' 12.87; 90' 13.11; 100' 13.23; 135' 13.31; 100' (125') 13.42; 60' 13.46; 70' 13.55; 70' 13.85; 80' 14.18; W/W 14.38; 60' 14.74

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

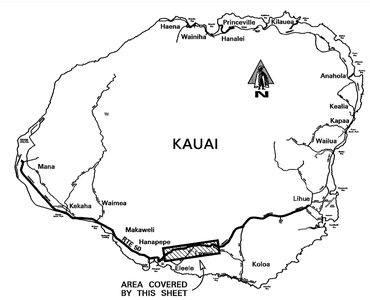
Right of Way Fence: Type – Right and Left: (Chain Link) 11.70; 11.76

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 10.23; 10.26 STP-050-1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005

Project No., Type of Construction, and Year Constructed: STP-050-1(17) (R), 1993; STP-050-1(17) WIDENING 2003 10.57; 50C-01-01M 2004 RESURFACE 12.32; 50C-01-00M (R), 2000 13.46; 50C-02-01M (R) 2004 14.79



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2

10 mi.

ECB (R) Begin Divided; Koloa Rd. (Old Rte 530); Wawae Rd. Lawai Br.; 68+68; Kuia Rd.; End Divided; Kuli Rd.; Lauoho Rd. Culvert; Anuhea Pl.; Hokua Rd.; Begin Divided; Papaina Rd.; End Divided; Opu Rd.; Puuwai Rd.; Begin Divided; Halewili Rd. (Rte 540); ECB; Road to Olu Pua Gardens; End Divided; Wahiawa Br. Road; 89+00; Hanapepe Valley Lookout; ECB (R); Road to Water Tank; Road to Water Tank; Begin Divided; Laulea St.

KAUMUALII HIGHWAY

11 MP; 12 MP; 13 MP; 14 MP; 15 MP

10.27 mi. 10.24 mi. 10.45 mi. 10.42 mi. 10.39 mi. 10.57 mi. 10.84 mi. 10.96 mi. 10.93 mi. 11.25 mi. 11.44 mi. 11.67 mi. 11.70 mi. 11.80 mi. 11.75 mi. 11.96 mi. 12.11 mi. 12.40 mi. 12.39 mi. 12.96 mi. 13.08 mi. 13.18 mi. 13.95 mi. 14.10 mi. 14.24 mi. 14.69 mi. 14.82 mi. 14.96 mi. 14.92 mi.

15 mi.

CONTINUED ON SHEET #4

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 4' AC 10.23; 6' AC 10.59; 4' AC 11.47; 6' AC
- Pavement: Width and Type: (24' AC) 10.02; 36' AC 10.36; 24' AC; 12' AC; 24' AC; 12' AC; 22' AC 12.06; 24' AC; 12' AC; (24' AC); (40' AC); 38' AC 13.02; 20' AC 13.46; 24' AC; 12' AC
- Shoulder: Width and Type: 4' AC; 0; 4' AC; 11.28; 7' AC; 0; 4'–6' AC; 0; 12.44; 6' AC; 0

Divided Highway
- Median: Width and Type: 10.24; 0–6' Painted AC; 10.57; 11.67; 0'–10.5' Painted AC; 11.80; 12.11; 0'–12' Painted AC; 12.40; 14.82; 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; 10.44; 4'–5' AC 10.56; (4' AC); 4'–8' AC; (4'–6' AC); 12.12; 6' AC; 6' AC

Number of Traffic Lanes: (2–12') 10.02; 2–12' 10.26; 2–12'; 1–12' 11.80; 1–10' 12.05; 2–12'; (1–12') 12.44; 2–14' 12.42; 1–10'; 13.02; 2–10' 13.46; 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' Truck Climbing Lanes (L) 10.03; 10.36; 10.41; 10.29; (All TLs 12') 10.35; 10.5' (L) T.Ls.; 1–12' (R) T.L.; 1–12' (L) T.L.; 1–12' (L) T.L.; 1–12' (R) T.L.; 14' Truck (L) Climbing Lane; (1–11' Accel lane); 10'; 12'; 14.69; 14.84; 14.92

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 3' Conc. 10.51; 10.92; 11.38

Curb and/or Gutter: Type (Right and Left): 10.45; 11.63; AC Gutter 11.67; 11.82

Protective Devices: Type, Location and Number Metal Rails on Metal Posts: 3' AC Gutter 10.08; 10.24; 10.31; 10.42; 10.52; 10.69; 10.70; 10.77; 3' AC Gutter 11.24; 6' AC Gutter 11.44; 3' AC Gut. 11.46; 12.00; 12.34; 12.49; 12.80; 13.09; 13.24; 13.27; 13.66; 13.69; 13.73; 13.93; 14.18; 14.34; 14.46; 14.54; 14.78

Illumination: Type, Location and Number: M.V. 10.11; 10.14; 10.84; 10.90; 11.08; 11.16; 11.23; 11.45; M.V. 11.90; 14.50; 14.55

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Mountainous; Rolling 11.46; Flat 13.46; 13.79; Mountainous; Rolling 14.96

Speed: 1–Design, 2–Posted: 35 MPH ② 11.37; 11.40; 25 MPH ② 11.95; 11.96; 35 MPH ② 12.37; 12.48; 50 MPH ② 14.62; 14.76; 35 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: TRAFFIC LIGHT, 4 PHASE 11.74

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

HPMS Sections – AADT 2009: 12,800; 18,300; 15,800; 13,400; 13,000

HPMS Sections – AADT 2008: 14,786 10.39; 21,681 11.75; 18,262 12.27; 15,433 13.18; 15,706

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

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits
- STP-050-1(11) (R), 1993 10.43; 50C-01-90M (R), 1991 11.82; HWY-K-01-91M, 1991 12.06; STP-050-1(9) (WIDENING), 1996 12.38; 12.44; STP-050-1(9), 1995; 12.98 HWY-K-01-91M (R), 1991 13.48; 50C-01-87M (R), 1987 14.83; 50C-01-90M (R), 1991
- (STP-050-1(11), R, 1993); (50CD-01-87M (R), 1987) 10.24; 10.43; 10.45; STP-050-1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995; 13.48; 50C-01-87M (R), 1987 14.83
- 10.10; HWY-K-01-87 SECTION 1 (GARDRAIL & SHLD. IMPRV.), 1987 11.54; 11.82; HWY-K-01-91M (R), 1991 12.96; 13.14; 13.21; 13.34 (HWY-K-01-77M(R), 1977); 13.53; 14.67 HWY-K-01-77M (R), 1977
- 50D-01-67, 1968; 10.35; 50 CD-01-75M, 1975 11.68; 50D-01-67, 1968 11.88; 50-D-02-67, 1967 (HWY-K-01-77M(R), 1977) 13.46; 50A-01-71, 1970
- (50CD-01-75M, 1975); 10.04 (87+56); 10.37 (157+76); (50CD-01-70, 1974); NRH-12B, 1933 (0+00) 11.71; NRH-12C, 1935 (37+84) 12.40; (40+00); 50 CD-01-70, 1974 (0+00) 13.15; (75+00); NRH-12D, 1935 13.53 (96+00); FAP 12J, 1938

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Dec. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

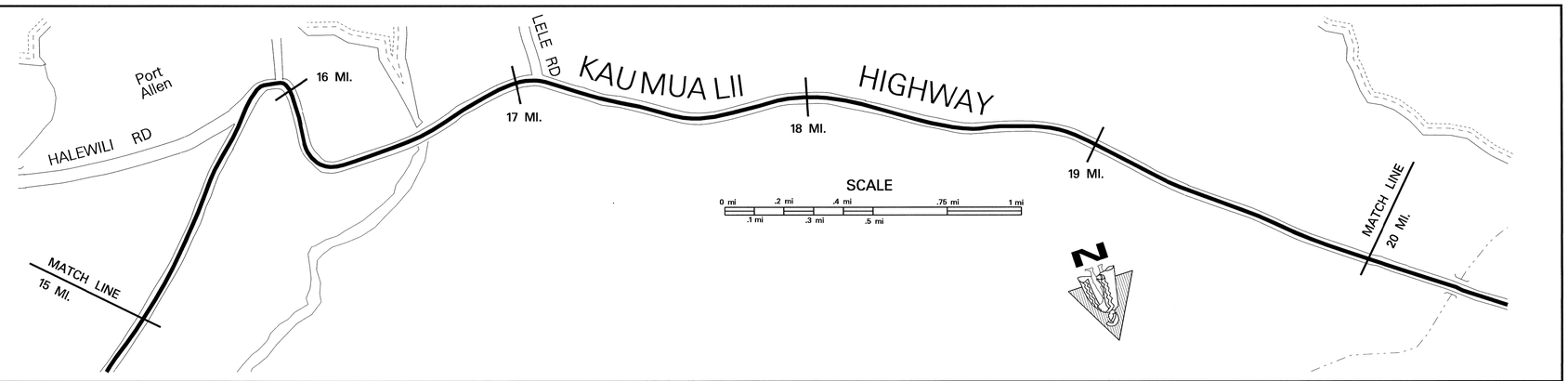
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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)

Vertical Clearance

Horizontal Clearance: (38') (24')

Structure Over Road

Vertical Clearance: RC FLAT SLAB ON STEEL (PED. O.P.), 1939 (15.98); RC FLAT SLAB (PED. O.P.), 1948 (18.74) 15'-11"; RC DECK GIRDER (RD), 1948 (19.50) 15'-02"

Horizontal Clearance: (90') (17.07)

Right of Way Width (min.–max.) if varies: 60' (15.17) 80' (15.87) 90' (16.04) 110' (16.33) 80' (17.05) 80' (18.31) 14' (18.89) 80' (19.45) 140' (19.59) 100' (19.70) 80' (19.86) 120' (19.92) 80'

Available Right of Way Width (Needs Study): Clear 1000' Sugar Cane (15.26) (15.50) Commercial/Residential (w/ Sugar Cane) (17.09) Clear 1000' – Open Field (18.42) Residential (18.69) Sugar Cane (19.51)

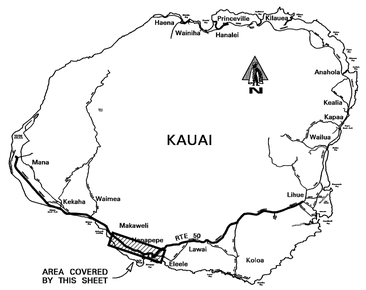
Right of Way Fence: Type – Right and Left: Wood (15.50) (15.19); Wire on Wood (15.26)

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 (245+00) (16.32) (259+20) (16.46) (272+00) (16.60) (STP–050–1(14), 1998) (16.90) (16.95) (17.01) (17.03) (17.04) (HWY–K–02–98 (IMPRV.), 2000) (18.44) (18.57) (HWY–K–02–98 (IMPRV.) 2000) (18.94) (19.14) (HWY–K–02–98 (IMPRV.) 2000)

Project No., Type of Construction, and Year Constructed: 50C–02–01M (R) 2004 (15.67) (15.69) STP–050–1(10), 1993 (HWY–K–01–07M, PAVE. MARK., 2007) (STP–050–1(12), 1995) STP–050–1(18), 1997



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #3 — 15 mi.

End Divided; Begin Divided; Mahae Rd.; Lauiea St. (15.38 mi.); End Divided; Mehana Rd.; Eleele Rd. (15.46 mi.); Halewili Rd. (Rte 540); Spur; Begin Divided; Waialo Rd. (Rte 541); Eleele Rd.; 16 MP; Road Pedestrian O.P.; Puna Rd. McBryde Pth. Rd. U.P.; Hanapepe Rd.; Paved Road; (243+00); Hanapepe Br.; Iona Rd.; Pepe Rd.; Hana Rd.; Kona Rd.; (271+35); Begin Divided; Puolo Rd.; Mol Rd.; End Divided; 17 MP; End Divided; Lele Rd.; Begin Divided; Culvert; End Divided; **KAUMUALII HIGHWAY**; ECB (R); Cane Haul Rd.; 18 MP; Cane Haul Rd.; Begin Divided; Kaumakani Village Rd.; Kaumakani School Rd.; Kaumakani Culvert; End Divided; Pedestrian O.P.; Paved Rd. Kaumakani Sch. Rd.; Paved Rd. Makaweli Ave.; Paved Rd. Begin Divided; 19 MP; 18.93 mi.; End Divided; Cane Haul Rd.; Road O.P.; ECB (R)

15.07 mi. 15.38 mi. 15.46 mi. 15.57 mi. 15.65 mi. 15.69 mi. 15.76 mi. 15.83 mi. 15.92 mi. 16.00 mi. 16.03 mi. 16.21 mi. 16.24 mi. 16.28 mi. 16.40 mi. 16.44 mi. 16.47 mi. 16.53 mi. 16.57 mi. 16.69 mi. 16.71 mi. 16.72 mi. 16.79 mi. 16.90 mi. 16.93 mi. 16.95 mi. 16.96 mi. 17.02 mi. 17.05 mi. 17.86 mi. 17.93 mi. 17.95 mi. 18.32 mi. 18.46 mi. 18.53 mi. 18.54 mi. 18.57 mi. 18.62 mi. 18.74 mi. 18.87 mi. 18.91 mi. 18.94 mi. 18.97 mi. 19.02 mi. 19.03 mi. 19.11 mi. 19.26 mi. 19.50 mi. 19.61 mi.

CONTINUED ON SHEET #5 — 20 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 6' AC; 8' AC (16.27); 6' AC; (18.70) 8' AC (19.24) 6'–14' AC

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

Shoulder: Width and Type: 0; 6' AC; 0; 6' AC; 0; 8' AC (16.23); 6' AC (16.52); 0 (16.56); 6'–14' AC; 0; 6'–14' AC; 0; 6'–14' AC; 0; 6'–14' AC; 0; 6' AC

Divided Highway – Divided

Median: Width and Type: 0'–12' Painted AC (15.07); 0'–8' Painted AC (15.38); (15.56); 0'–12' Painted AC (15.83); (15.88); 0'–12' Painted AC (16.72); 0'–8' Painted AC (16.90) (16.96); (17.05); 0'–12' Painted AC (18.46); 0'–12' Painted AC (18.57); (18.87); 0'–12' Painted AC (19.11)

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; 12' AC

Shoulder: Width and Type: 6' AC; 6' AC; 6' AC; 8' AC (15.94); 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): 10' T.L. (15.43) (15.52) (15.57) (15.65); 12' T.L. (15.88) (15.92); 12' T.L. (16.74) (16.79) (16.86); 11' (L) T.L. (17.02) (16.99); 12' (L) T.L. (18.49) (18.53); 12' T.Ls. (19.02) (19.05) (19.07) (19.12) (19.17) (19.20) (19.23) (19.32) (19.37)

(Right Side): 12' T.L. (15.40) (15.46); 12' T.L. (15.65) (15.69)

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

Sidewalk: Width and Type (Right and Left): 4' Conc. (16.00) (16.25); 4' Conc. (16.56); 3' Conc. (18.43) (19.00) (19.07)

Curb and/or Gutter: Type (Right and Left): Curb + Gutter; 4' AC (16.03) (16.27); 4' Conc. (16.23); (16.67) (16.69); Conc. Curb (18.21) (18.31) (18.48); Conc. Curb (18.50) (18.99)

Protective Devices: Type, Location and Number: 15.88 | .90 Metal w/ Metal (15.97) (16.04); Metal w/ Metal (16.60) (17.08); (Metal w/ Metal) (18.22); 18.63 Metal w/ Metal (18.91); Metal w/ Metal; Metal w/ Metal (18.86); Metal w/ Metal (19.73)

Illumination: Type, Location and Number: Metal w/ Metal M/M (15.67) (15.86); (Metal w/ Metal) (16.01) (16.24); M.V. (15.49); (16.62) (16.66) (16.98)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

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

Speed: 1–Design, 2–Posted: 35 MPH ② (17.12); 45 MPH ② (17.19) (17.29); 50 MPH ② (18.29); 45 MPH ② (18.09) (18.39); 35 MPH ② (19.07); 45 MPH ② (19.08) (19.24); 35 MPH ②; 50 MPH ②

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

Traffic Stations (Current Year): B73 0050 01318; B73 0050 01569; B73 0050 01592; B73 0050 01702

HPMS Sections – AADT 2009: 13,000; 14,100; 15,100; 12,300

HPMS Sections – AADT 2008: 15,706 (15.69); 18,205 (15.92); 18,320 (17.02); 12,213

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

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits

(STP–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 — 17.05 (50B–01–74, 1974) — 50B–01–86M (R), 1986 (18.47) (27+20) — FAP-F29(4), 1946

FAP 12J, 1938 — (289+59.6) 17.21 (95+67.7) — FAP 29B (1), 1938

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.
Dec. 09	D.B.
Feb. 11	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

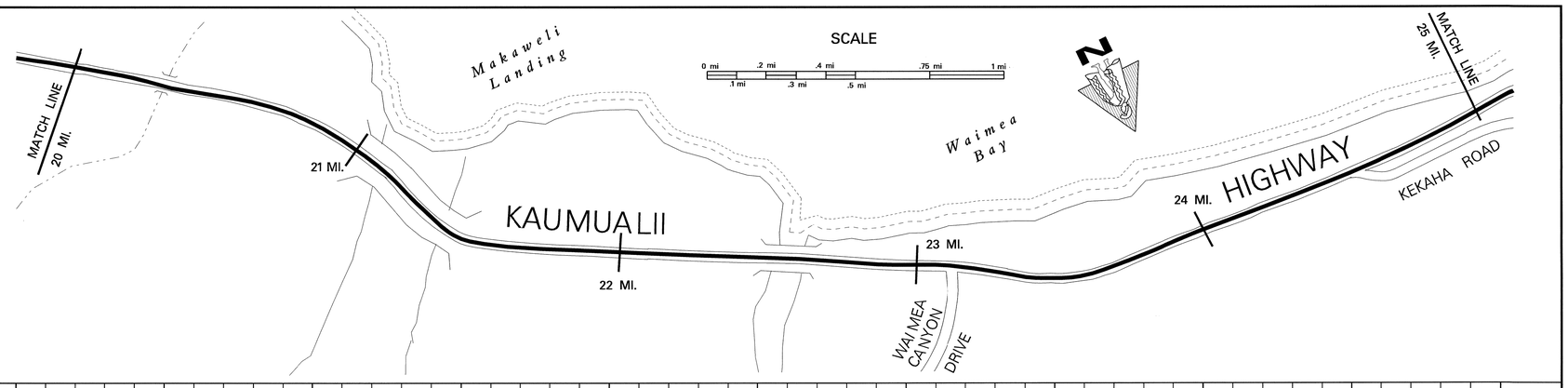
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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. (24.49); 50 A (8.45 MI.)

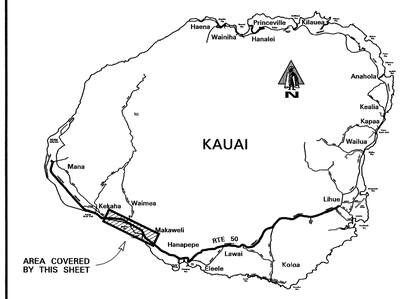
Structure Carrying Road

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	
Horizontal Clearance	26' / 26' / 26' / 24'

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' (20.96) 90' (21.35) 80' (22.63)
Available Right of Way Width (Needs Study)	Sugar Cane; Trees + Bushes (21.50); Sugar Cane; Residential/Commercial (22.96); Residential; Ranch/Pasture (L), Sugar Cane (R) (23.36); Trees & Bushes (24.01); (Residential (R) Beach (L)) (24.63)
Right of Way Fence: Type – Right and Left	W/W 20'; W/W 20' (21.00–21.20); W/W / WOOD / W/W
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	(HWY-K-02-98 (IMPRV.) 2000) (20.54); 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 (20.70); 50B-01-00M, Resurf., 2003 (21.34); 50B-01-67, 1967 (23.08); BD 66-341 (R), 1967 (24.34)



Road Diagram
* MP = Milepost Signage

CONTINUED FROM PAGE #4 (20 mi.)

KAUMUALII HIGHWAY

Milepost	Point
20.27 mi.	Makaweli Flume (O.P.)
20.33 mi.	Mahinauli Br.
20.54 mi.	Begin Divided
20.62 mi.	End Divided; Makaweli Post Office
20.69 mi.	Paved Road
20.82 mi.	Road to Makaweli Landing; Cane Haul Rd.
21 MP	
21.02 mi.	Akukui Br.
20.98 mi.	Paved Road
20.95 mi.	ECB (R)
21.35 mi.	Mahakona Br.
21.41 mi.	Cane Haul Rd.
21.50 mi.	Cane Haul Rd.
21.91 mi.	Gay & Robinson Plantation Rd.
22 MP	
22.28 mi.	Road
22.39 mi.	Russian Fort Parking Lot
22.47 mi.	Waimea Br.
22.59 mi.	Ala Wai Rd.
22.69 mi.	Panaco Rd.
22.79 mi.	Halepule Rd.
22.84 mi.	Moana Rd.
22.89 mi.	Ola Rd.
22.94 mi.	Menehune Rd.
22.96 mi.	Pokole Rd.
23 MP	
23.01 mi.	Makeke Rd.
23.08 mi.	Waimea Canyon Dr. (Rte 550)
23.14 mi.	Roads
23.20 mi.	Haukai Rd.
23.33 mi.	Brewery
23.74 mi.	Kikiaola Ranch
24 MP	ECB
23.96 mi.	
23.93 mi.	
24.48 mi.	Kekaha Rd. Culvert
24.40 mi.	Kikiaola Harbor Rd.
24.68 mi.	Kikiaola Place
24.79 mi.	Mamo Rd.
25 MP	
24.93 mi.	

CONTINUED ON PAGE #6 (25 mi.)

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided: Shoulder: Width and Type	6'–14' AC; 0 (22.40); 8' AC (23.03); (6' AC) (23.21–23.44); 4' AC
Undivided: Pavement: Width and Type	24' AC; 12' AC; 24' AC; 3' AC (22.98); 24' AC (23.03); 23' AC (23.31–23.39); 24' AC
Undivided: Shoulder: Width and Type	6' AC; 0; 6' AC; 0 (23.05); 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') 1–12' (22.98–23.04); 1–20'; 1–12'; 1–11' (23.39); 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	8' Parking Lanes (23.11)
(Right Side)	12' (L) TLs (20.57–20.67); 8' Parking Lanes (22.63); 10' Diag Pkg; 8' Pkg (23.17–23.33)
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	3' Conc. (22.46–23.28)
Curb and/or Gutter: Type (Right and Left)	4' Conc. (22.47–23.13); Conc. Curb (22.52–22.81); Conc. Curb (22.77–23.39); (Conc. Curb + 2' Conc. Gutter); (Conc. Curb + 2' Conc. Gutter) (23.11)
Protective Devices: Type, Location and Number	ALL GUARDRAILS METAL ON METAL
Illumination: Type, Location and Number	(1) M.V. (20.65); M.V. (22.59–23.35); M.V. (24.42–24.64); 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
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling; Flat (23.40–24.67)
Speed: 1–Design, 2–Posted	35 MPH ② (20.07–20.83); 45 MPH ② (20.83–22.20); 50 MPH ② (20.41–20.87); 50 MPH ② (22.20–22.63); 35 MPH ② (22.63–23.40); 25 MPH ② (23.39–23.86); 35 MPH ② (23.86–24.67); 45 MPH ② (24.67–24.79); 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	None
Traffic Stations (Current Year)	B73 0050 01702; B73 0050 02247; B73 0050 02308; B73 0050 02448
HPMS Sections – AADT 2009	12,300; 14,500; 8,500; 5,054
HPMS Sections – AADT 2008	12,213 (22.47); 13,968 (23.08); 10,373 (24.48); 4,957
HPMS Sections – AADT 2007	12,770; 14,045; 10,260; 7,600 (24.52)
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	STP-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(13) (R), 1995 (23.04); 50B-01-86M (R), 1986 (21.39); HW-K-01-78M (R), 1978 (23.12); FAP-F29(4), 1946 (38 + 67.4) (22.04); FAP 29 A(1), 1938 (0 + 00)–(206 + 00.1) (22.78); FAP 29 D(1), 1940 (22.96); FAP 29D (1), 1941 (135 + 00) (24.13); LT-K-03-80M (R), 1980 (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.
Sept. 10	D.B.
Feb. 11	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

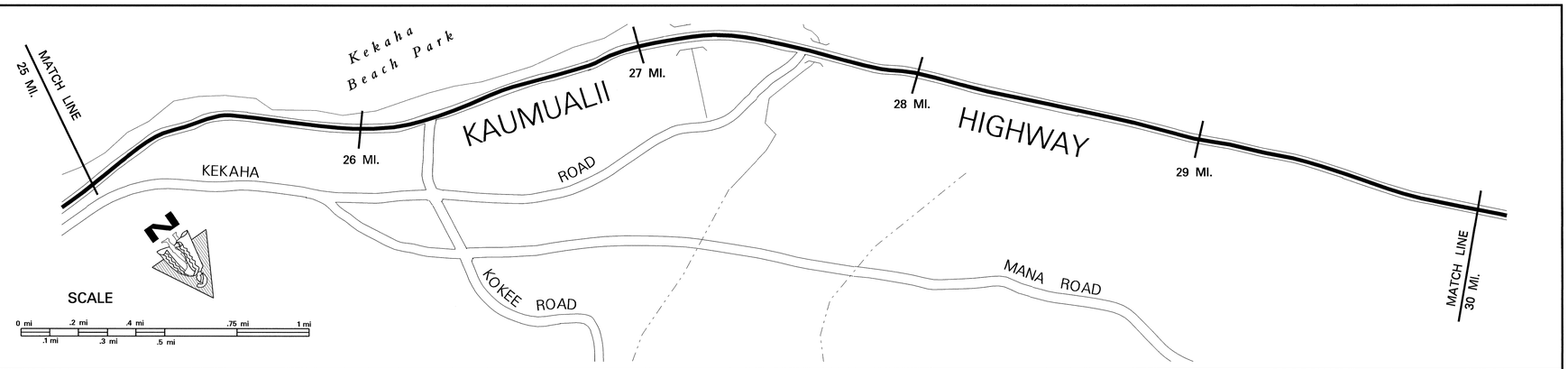
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 (–)

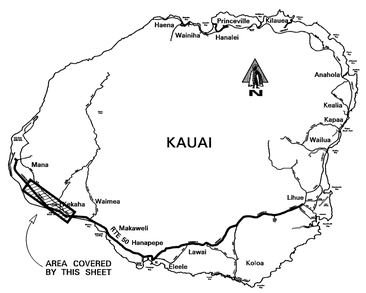
NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



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 (27.21)	RC FLAT SLAB (CNL) 1957 (27.57)
Structure Carrying Road – Vertical Clearance	68'	33'
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	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	(25.73) (25.77) Wood 25' FEP (28.01) WW 50' FEP (28.29) (28.01) WW 50' FEP (28.71) WW 75' FEP (28.96)
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE (267+00) (28.37) (238+20) (28.92)
Project No., Type of Construction, and Year Constructed	50AB–01–08M, Pav't Marking, 2009
Project No., Type of Construction, and Year Constructed	STP–050–1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005



Road Diagram

MP = Milepost Signage

CONTINUED FROM SHEET #5

25 mi. — KAUMUALII HIGHWAY — 30 mi.

Akepa Rd. (25.01 mi.) | Elepaio Rd. / Menu 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.) | Kaila Rd. (25.97 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 (27.57 / 27.58 mi.) | Begin Divided Dirt Roads (28.40 mi.) | Kekaha Landfill (250+30) (28.69 mi.) | End Divided (28.94 mi.) | ECB (L) Road (29.33 mi.) | Cane Haul Rd. (29.41 mi.) | Tartar Dr. (29.93 mi.)

26 MP 27 MP 28 MP 29 MP 30 MP

CONTINUED ON SHEET #7

SCALE: (In Miles) 4" = 1 mile

25 26 27 28 29 30

Divided Highway – Undivided – Shoulder: Width and Type	4' AC (25.08) 20' AC (25.30) (25.34) (4' AC) 5' AC (27.15) (27.19) (34' AC) 4' AC (28.51) 6' AC
Divided Highway – Undivided – Pavement: Width and Type	24' AC (25.19) 22' AC (25.35) 24' AC (12' AC) (28.42) 11' AC 22' AC
Divided Highway – Undivided – Shoulder: Width and Type	4' AC (26.02) 6' AC 0 6' AC
Divided Highway – Median: Width and Type	(28.40) 0'–11' Painted AC (28.92)
Divided Highway – Shoulder: Width and Type	0
Divided Highway – Pavement: Width and Type	(12' AC) (28.42) 11' AC
Divided Highway – Shoulder: Width and Type	6' AC
Number of Traffic Lanes	2–12' (25.19) 2–11' (25.35) 2–12' (28.42) (28.62) (28.69) (28.78) 2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	(28.65) 11' TLs
(Right Side)	11' TLs (28.77)
Frontage Road: No. of Lanes, and Width (Right and Left)	None (28.69)
Sidewalk: Width and Type (Right and Left)	None
Curb and/or Gutter: Type (Right and Left)	None (27.19) (27.25) (27.54) (27.60)
Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL	(25.08) (25.14)
Illumination: Type, Location and Number	M.V. (25.55) (25.60) (M.V.) (26.07) 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
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat
Speed: 1–Design, 2–Posted	35 MPH ② (26.74) (26.78) 50 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	None
Traffic Stations (Current Year)	B73 0050 02448 B73 0050 02622 B73 0050 02869
HPMS Sections – AADT 2009	5,054 4,400 1,700
HPMS Sections – AADT 2008	4,957 (26.22) 4,452 (28.69) 2,898
HPMS Sections – AADT 2007	7,600 4,655 3,030
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	(F–050–1(1), 1957) (25.01) (BD 66–341 (R), 1967) (25.08) (25.11) ER–10(2) (STORM DAMAGE RECONSTRUCTION), 1984 (27.26) 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(12) (GUARDRL. & SHLDR, IMPRV.), 1995 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

25 26 27 28 29 30

Date Released	
Nov. 2001	
Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

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

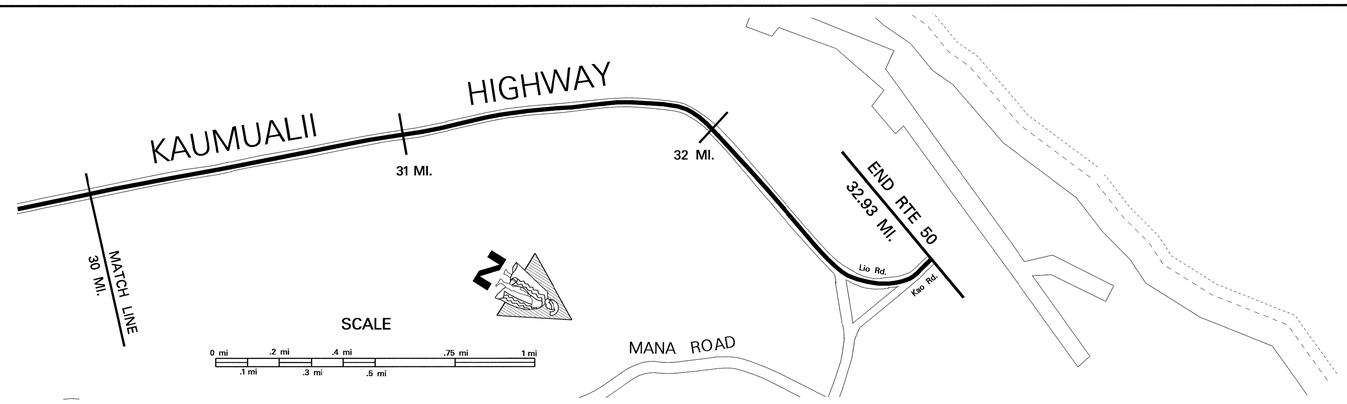
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

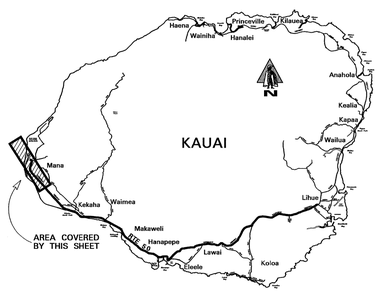
30 | 31 | 32 | 33 | 34 | 35

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 (31.14, 41') — RC FLAT SLAB (CNL) HS–20, 1957 (31.57, 41')
- Vertical Clearance
- Horizontal Clearance: 42' — 42'

Structure Over Road
- Vertical Clearance
- 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. (30.74 mi.) — Bridge #2 (30.99 mi.) — Bridge #1 (31.14 mi.) — Imiloa Rd. (31.57 mi.) — ECB (L) (31.99 mi.) — Hwy Spur (32.32 mi.) — Kao Rd. (32.43 mi.) — 32.56 mi. — 32.87 mi.

KAUMUALII HIGHWAY — 31 MP — 32 MP — 32.99 MP — LIO RD. — KAO RD.

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

Divided Highway — Undivided
- Shoulder: Width and Type: 6' AC
- Pavement: Width and Type: 22' AC
- Shoulder: Width and Type: 6' AC

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

Number of Traffic Lanes	2–11'
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 (31.14–31.17, 31.60)
Protective Devices: Type, Location and Number	ALL GUARDRAILS METAL ON METAL (31.12–31.16, 31.55–31.58)
Illumination: Type, Location and Number	NONE
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat
Speed: 1–Design, 2–Posted	50 MPH ② — (32.22–32.23) — 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	NONE
Traffic Stations (Current Year)	B73 0050 02869 — B73 0050 03256 — (B73 0050 03287)
HPMS Sections – AADT 2009	1,700 — 617 — 736
HPMS Sections – AADT 2008	2,898 — 605 (32.56–32.87) — 722
HPMS Sections – AADT 2007	3,030 — 755 (32.32)
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	

STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 (30.94)
DAWR 1, 1942 – 1944 (31.17–31.18) (F–050–1(3), 1957) (31.60) 50A–01–89M (R), 1990 (31.61) 50A–02–70 (R), 1970 (F–050–1(1), 1957) (32.51) 32.54

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

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

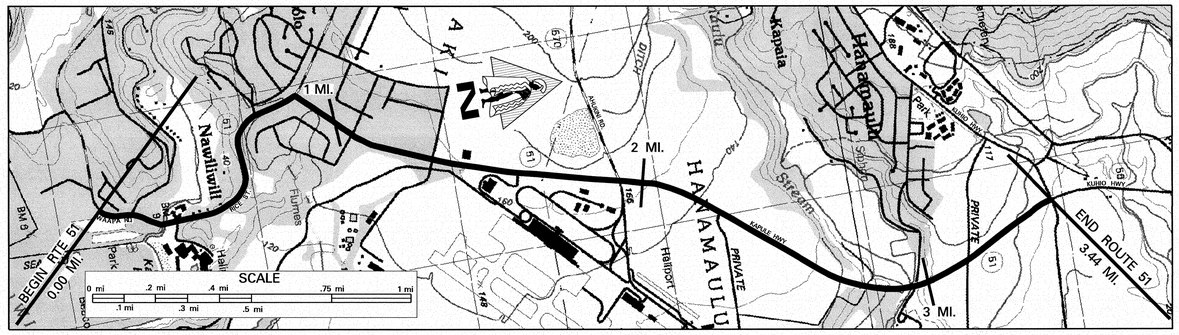
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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
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 | PRESTRESSED CONC. GIRDER, 1988 HS-20-40
- **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' (0.35) 60' (0.60) 70' (0.65) 60' (0.77) 50' 100' (1.98) 160' (2.27) 150'–155' (2.49) 180' (2.86) 190' (2.81–2.86) 120'–165' 205'–285' 120'–195' (3.02) 180'–210' (3.15) 150'–165'

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

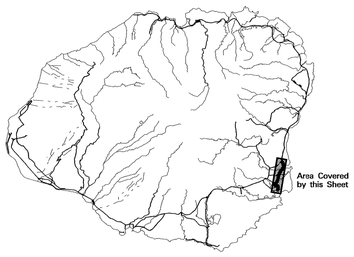
Right of Way Fence: Type – Right and Left: Wire (1.48) (1.92)

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

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

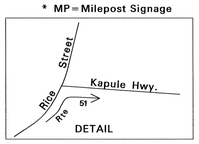
Project No., Type of Construction, and Year Constructed: NH-051-1(10), R, 2002 (0.80) STP-051-1(9), Imprv., 2000 (1.01) (1.20) STP-051-1(20), Imprv., 2000 (1.77) (2.09) 51B-01-00M, 2001, Imprv.

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 Centerline of Nawiliwili Road Intersection. (Rte 58)

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

0.00 mi. ECB; Waapa Rd.; Rice St.; Haoa St. (R); Shore Line Access (R); Kapule Hwy; 1 MP; 2 MP; 3 MP; 3.49 MP

End Divided; Lala Rd. Divided; Divided (Rte 58); End Divided; Kalapaki Rd.; Nawiliwili Br.; End Divided; Begin Divided; End Divided & Rd. to Kauai Marine (Rte 58); Begin Divided; Mokoi St.; Begin Divided; End Divided Rice St.; Begin Divided; Halau St. (L); End Divided; Road (L); Begin Divided Military Museum; Kaana St.; Cane Haul Rd.; Ahukini Rd. (Rte 570); End Divided; Cane Haul Rd.; Hanamaulu Viaduct; Begin Divided

0.00 mi.; 0.12 mi.; 0.18 mi.; 0.21 mi.; 0.25 mi.; 0.33 mi.; 0.38 mi.; 0.74 mi.; 0.81 mi.; 0.87 mi.; 0.89 mi.; 0.97 mi.; 1.01 mi.; 1.09 mi.; 1.19 mi.; 1.35 mi.; 1.45 mi.; 1.50 mi.; 1.62 mi.; 1.75 mi.; 1.86 mi.; 1.94 mi.; 2.19 mi.; 2.28 mi.; 2.77 mi.; 2.89 mi.; 2.99 mi.; 3.02 mi.; 3.23 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- **Shoulder: Width and Type:** 8' AC | 4'–6' Grs. (0.24) 4'–6' AC (0.97) 2' AC/ 4' Grass (1.56) 10' AC (2.77) 8' AC | 8' PCC (2.89) 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 | 24' PCC | 24' AC | 12' AC
- **Shoulder: Width and Type:** 8' AC | 0 | 8' AC | 0 (0.41) 2'–4' AC | 0 | 9' AC | 0 | 8'–10' AC | 0 | 8' AC | 8' PCC | 8' AC | 0
- **Median: Width and Type:** (10' Paint) 10' Paint (0.18) (0.33) (10' Paint) (0.38) (0–8' Painted AC) (0.81) (0.89) (1.01) 6' Painted Median (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 | 12' AC
- **Shoulder: Width and Type:** 8' AC | 8'–10' AC | 8' AC | 10' AC | 8'–10' AC | 8' AC

Number of Traffic Lanes: 2–12' (0.09) (0.41) 1–12' 2–12' (1.19) 2–12' (1.89) (2.12)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' (0.05) 12' (0.10) 12' (0.15) 12' (0.38) (0.43) (10') (0.87) 12' (1.03) (0.98) 12' (1.17) 10' (1.42) 12' (1.55) 12' (1.70) 12' (1.84) 12' (1.94) 12' (2.05) 12' (2.12) 10' (3.39) 12' (3.30)

(Right Side): 12' Truck Climb Lane (0.41) (0.81) 10' (1.00) 10' (1.48) 12' (1.52) 12' 18' (2.02)

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

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

Curb and/or Gutter: Type (Right and Left): (0.42) BP Curb (0.57) (0.39) Conc. Gutter (0.74) (1.18) (Conc. Curb) AC Curb (2.01) 7' Conc Gutter (3.03) 7' Conc Gutter (3.16) AC Curb

Protective Devices: Type, Location and Number: (0.18) (0.22) (0.46) (0.77) Metal Rails on Concrete Posts (1.24) (1.96) (2.58) (2.74) M/M M/M

Illumination: Type, Location and Number: (0.02) M.V. (0.17) Inc. (0.37) (0.78) Inc. (0.91) (1.83) M.V. (2.18) (3.38) 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

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

Speed: 1–Design, 2–Posted: 25 MPH (2) (0.69) 35 MPH (2) (1.02) (1.19) 40 MPH (2) (1.76) 35 MPH (2) (2.05) 50 MPH (2) (3.34) 35 MPH(2) (3.44)

Intersection Control Devices: Type, Location and Cycle Timing: Stop Sign (0.87) 4 Phase (1.09) Traffic Light (1.62) 4 Phase (1.94) 2 Phase

Traffic Stations (Current Year): (B73 0051 00000) B73 0051 00012 B73 0051 00041 (B73 0051 00081) B73 0051 00087 B73 0051 00194

HPMS Sections – AADT 2009: 13,094 12,731 14,676 (14,676) 14,765 17,000

HPMS Sections – AADT 2008: 12,842 (0.12) 12,486 (0.41) 14,394 (0.81) (14,394) 14,481 (1.84) 14,877

HPMS Sections – AADT 2007: 13,055 (0.43) 15,050 (0.87) 15,860 15,555

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits:
(STP-058-1(2), Realign, 1993) (0.08) 51A-01-88M, (R) 1988 (0.79) (50E-05-69, 1969, Resurf. & Truck Climb) (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) (FAP-E-12-A, 1932) (0.88) 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	
Sept. 10	D.B.
Feb. 11	D.B.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

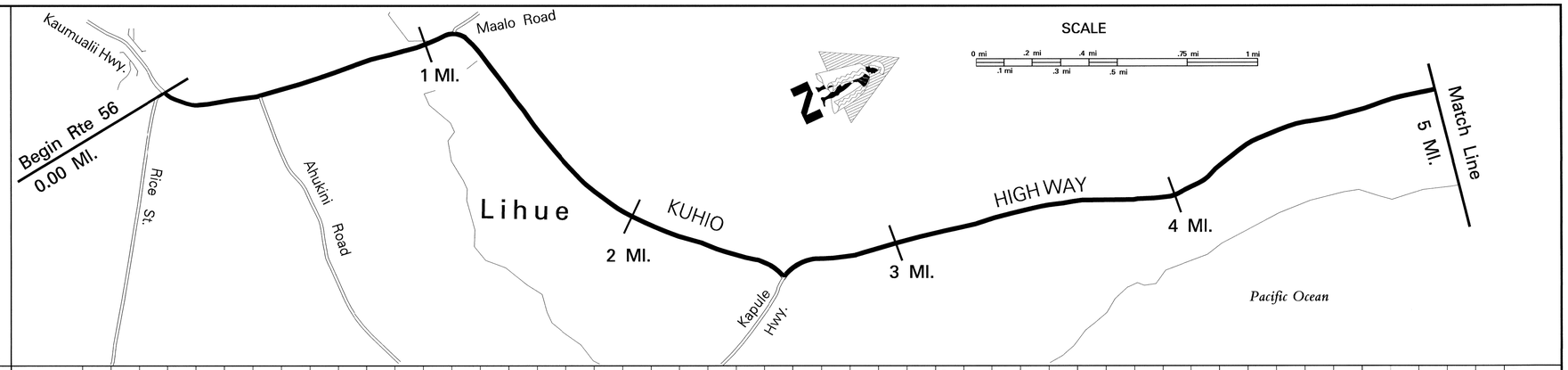
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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) 4" = 1 mile

Maintenance Control Sections : Length and Description

0.00 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' (1.22)
- Horizontal Clearance: 27'

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 85' (0.14) 50' (0.82) 70' (0.88) 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

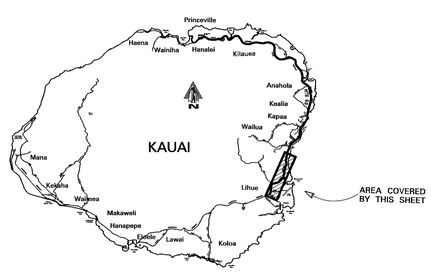
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't): Chain Link 50' FEP (0.60–0.85)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State (133+47.30) (223+82.59) (303+55) (352+98)

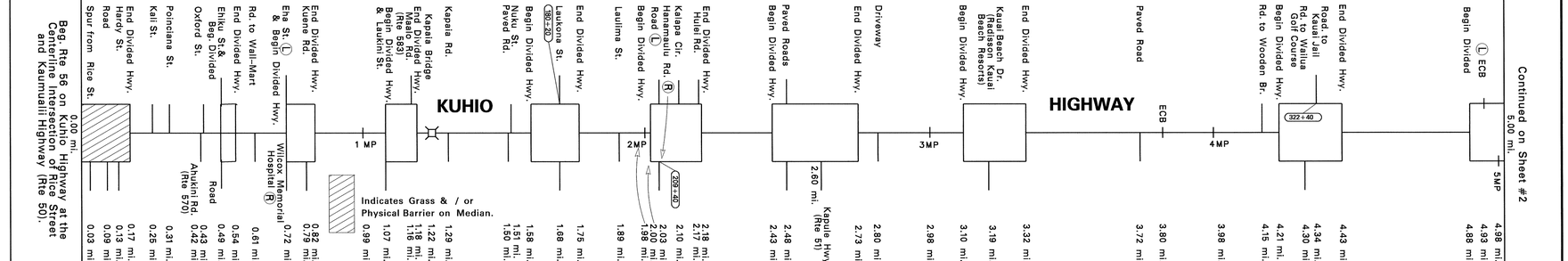
Project No., Type of Construction, and Year Constructed: (50E-01-98, 2001 (REALIGNMENT)) 0.12 56A-01-00M 2004 RESURFACE (56A-01-04M, RESURF., 2005) 0.91 1.01 56A-01-04M, RESURF., 2005 2.42 3.98 STP-0700(58), GUARDRAILS, 2008 4.92

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 (HWY-K-03-00, Improvements, 2003) 4.88



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

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

Divided Highway

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

Number of Traffic Lanes: (1–12') (2–11') 4–12' 4–10' 2–11' 1–12' 2–10' 1–10' 1–11' 1–12' 2–10' 0.66 1–12' 2–10' 1–11' 1.06 2–12' 1–11' 1.46 (1–12') 2–10' 1.51 2–12' 1–12' 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (12' (L) TLs) 12', 2-Way (L) T.L. 10' T.L.s 10' T.L.s 10' Truck Climbing Lane (R) Bus Lane 12' T.L.s 10' T.L.s (12' Accel Lane)

(Right Side): 10' TLs None 10' TLs

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

Sidewalk: Width and Type (Right and Left): 4' Conc. 0.79 4' Conc. 1.02 1.66 4' Conc. 2.02 2.04 6' Conc. 2.16

Curb and/or Gutter: Type (Right and Left): Conc. Curb, 2' Gutter 0.19 Conc. Curb 0.76 AC Curb (Conc. Curb & Gutter) Conc. Curb (Type 2 Conc. Gutters) (Conc. Curb)

Protective Devices: Type, Location and Number (M/M=Metal Rail on Metal Post, M/C=Metal Rail on Conc. Post): M/M 0.13 M/M .10 (On Right Median) M/M M/M M/M M/M

Illumination: Type, Location and Number: Mercury Vapor Mercury Vapor

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Contra–Flow Lane: 2.60 Contra-Flow 5:53-8:30 AM Traffic Flow

Area and Development: Small Urban

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) 0.79 Mountainous (3) 1.51 Rolling (2) 2.94 Flat (1)

Speed: 1–Design, 2–Posted: 25 MPH (2) 1.30 35 MPH (1) 1.56 1.59 25 MPH (2) 2.34 2.39 35 MPH (2) 2.70 2.89 50 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase 0.06 3 Phase 0.31 2 Phase 0.42 3 Phase 0.61 0.72 3 Phase 1.68 2 Phase 2.60

Traffic Stations (Current Year): B73 0056 00000 B73 0056 00042 B73 0056 00072 B73 0056 00116 B73 0056 00168 B73 0056 00260

HPMS Sections – AADT 2009: 23,600 20,200 11,600 21,000 13,900 33,100

HPMS Sections – AADT 2008: 24,965 0.42 18,590 0.72 18,257 1.18 18,723 1.68 17,971 2.60 30,332

HPMS Sections – AADT 2007: 35,835 21,010 19,090 17,615 18,790 31,715

DOD Sections

Functional Classification: Principal Arterial (3) Minor Arterial (4) Principal Arterial (3)

National Highway System (NHS): On NHS (1) 0.42 Not NHS (0) 2.60 On NHS (1)

Previous Projects: Project No., Date and Limits

(56A-02-72, 1976) (56A-01-75M (R)) 0.79 56A-01-75M (R) 1975 1.27 56A-02-67, 1967 1.53 1.67 HWY-K-01-82M (R) 1982 2.02 2.59 STP-056-(41) (R) 1999
STP-056-1(40) 1998 3.04
0.10 56A-02-88 1988 0.41 0.53 0.60 0.79 (56A-01-85, (IMPRV.) 1987) (56A-02-72, 1976) 56A-01-90M (R) 1991
(56A-01-75M, 1975) 0.11 0.31 RSG-0570(2) 1981 0.71 0.77 HWY-K-01-81M (R) 1981 1.46 2.39 F-051-1(7) 1988 3.01 4.20 56A-01-80, 1981 (IMPRV.) 4.57
(56A-06-70, U II 1976) 56A-01-75M (R) 1975 1.27 (56A-02-72, 1976) 1.67 1.77 A-59-01-64, 1965 (R) 2.02 HWY-K-01-78M (R) 1978 2.60 2.81 HWY-K-01-78M (R) 1978 3.60 56A-01-72, 1976 3.81 HWY-K-01-78M, 1978 (R) 4.20 4.39 A-56-02-64 1968
(Lihue Plantation) 0.16 County 0.41 F-12(18) 1950 0.72 56A-02-67, Ph. II 1968 1.16 1.25 56A-02-67, U-1 1967 1.61 (A-56-01-64, (R) 1965) F-12(18) 1950 (LT-K-02-79 (SHLDR. & GUARDRAIL IMPRV.) 1980)
(F-12(18), 1950)

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
July 04	D.B.
Jan. 06	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

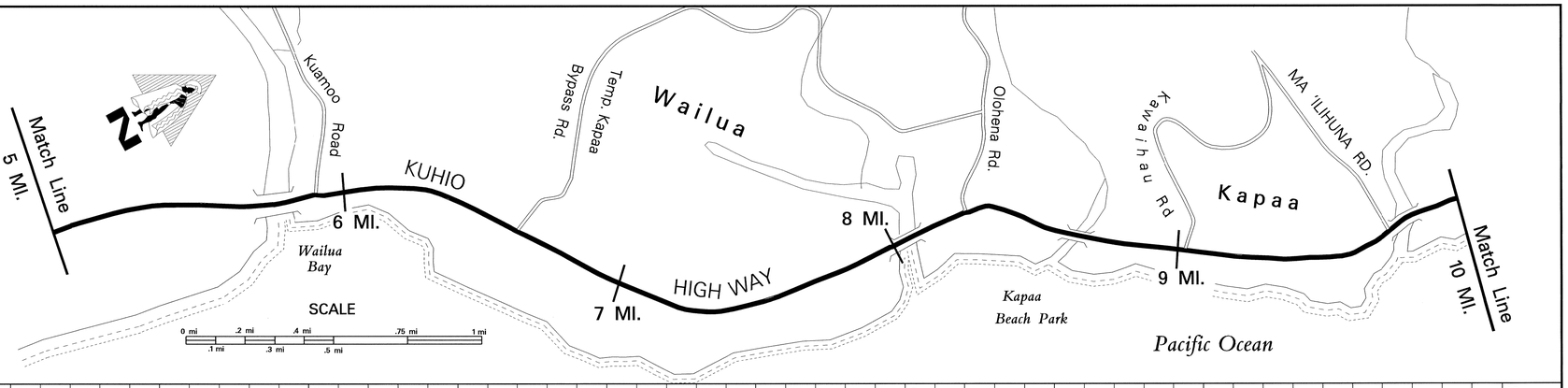
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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) 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 Mailihuna Rd. (9.86) — 56B (3.68 MI.)

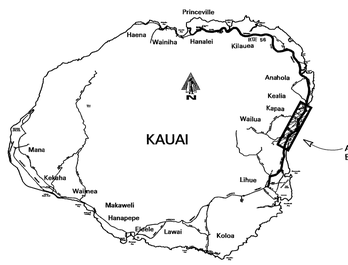
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
	Tee Beam (RIV) 425'
	Cont. Conc. Slab HS20 1963 56' (Widened in 1993)
	Prestressed Conc. Plank HS–20–44 81' (Widened in 2001)
	Tee Beam H20 (CNL) 1948 81'
	Tee Beam (STR) 1953 152'
Vertical Clearance	5.77 / 7.32 / 8.09 / 8.64 / 9.89
Horizontal Clearance	28' / 46' / 56' / 30' / 28'

Structure Over Road

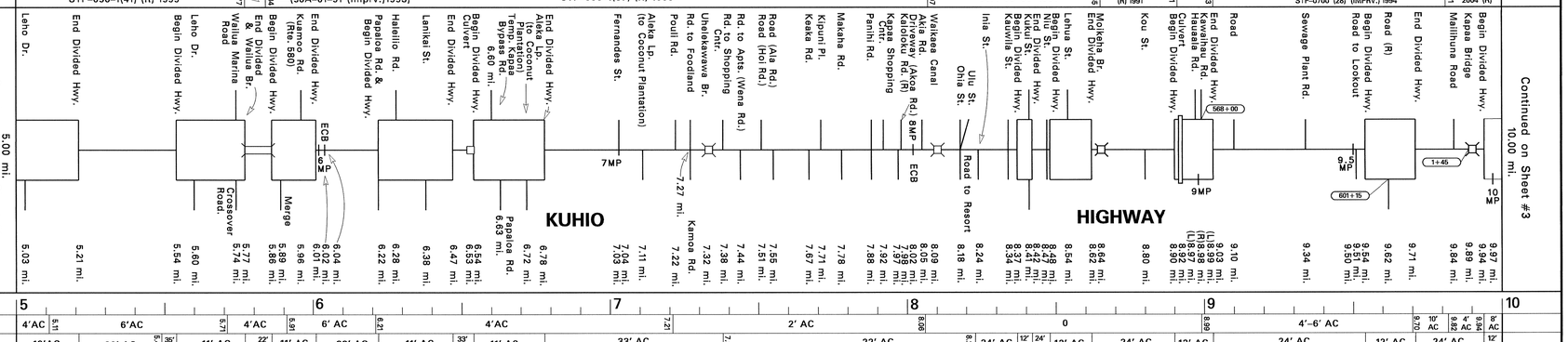
Vertical Clearance	(Varies 50'–90') / (70')
Horizontal Clearance	

Right of Way Width (min.–max.) if varies	100' / 60' / 80' / 60' / 70' / 60' / Varies 80'–120' / 50' / 50' / Varies 50'–80' / 60' / 50' / 100'
Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't)	Clear 1000' – Sugar Cane 20' FEP / Residential / (Sugar Cane – Clear 1000') / Resort / Residential / Open Range / Residential
Right of Way Fence: Type – Right and Left	2' FEP Chain Link / 30' FEP 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)	(STP–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005) / State
Project No., Type of Construction, and Year Constructed	HWY–K–03–00 Imprv. 2003 / 56A–01–92 (IMPRV.) 1993 / (BR–STP–056–1(35), 2001 BRIDGE WIDENING) / 56A–01–05M, RESURF., 2010 / ARR–056–1(52), RESURF., 2010
Project No., Type of Construction, and Year Constructed	STP–056–1(41) (R) 1999 / (56A–01–91 (Imprv.)1993) / STP–056–1(37) (R) 1996 / 56A–08–90 1991 / 56A–03–90M (R) 1991 / (56A–01–97 ((L) TURN LANE) 1998) STP–0700 (28) (IMPRV.) 1994 / 56B–01–01M 2004 (R)



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 / 4'AC / 2' AC / 0 / 4'–6' AC / 10' AC / 9' AC / 8' AC
Undivided: Pavement: Width and Type	12'AC / 36' AC / 35' AC / 11' AC / 22' AC / 11' AC / 33' AC / 11' AC / 33' AC / 11' AC / 33' AC / 22' AC / 24' AC / 12' AC / 24' AC / 12' AC / 24' AC / 12' AC / 24' AC / 12' AC
Undivided: Shoulder: Width and Type	0 / 6' AC / 0 / 4'AC / 0 / 4' AC / 6' AC / 0 / 4' AC / 0 / 4' AC / 6' AC / 7.33 / 7.56 / 4' AC / 8.07 / 0 / 0 / 0 / 0 / 8.89 / 12' AC / 0 / 6' AC / 9.35 / 4'–6' AC / 0 / 6' AC / 0
Median: Width and Type	0'–18' Painted AC / 0'–10' Painted AC / 0'–10' Painted AC / 0'–10' Painted AC / 0'–10' Painted AC / (0'–11' Painted AC) / 0'–10' Painted AC / 0'–11' Painted AC / 0'–12' Painted AC / 19' PAINTED AC
Shoulder: Width and Type	0 / 0 / 0 / 0 / 0 / 0 / 0 / 0 / 0
Pavement: Width and Type	24'AC / 24' AC / 12' AC / 11' AC / (11' AC) / 22' AC / 22' AC / 22' AC / 12' AC / 12' AC / 12' AC / 12' AC / 12' AC
Shoulder: Width and Type	6'AC / 6' AC / 4' AC / 4' AC / 6' AC / 4' AC / 4' AC / 0 / 0 / 12' AC / (6' AC) / (4'–6' AC) / (6' AC) / 6' AC

Number of Traffic Lanes	1 – 12' / 2 – 12' / (1 – 12') / 2 – 11' / 1 – 11' / 2 – 11' / 2–11' / 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' TLs / 2-Way (L) TL / 10' Parking / 1-10' ACC. LN
(Right Side)	2-Way (L) TL / 10' (L)TLs / 10' Parking
Frontage Road: No. of Lanes, and Width (Right and Left)	2-Way (L) TL / None
Sidewalk: Width and Type (Right and Left)	5' Conc. / 6' Conc. / 6' CONC.
Curb and/or Gutter: Type (Right and Left)	(Conc. Curb) / Conc. Curb / Conc. Curb / Conc. Curb / Conc. Curb / 2' CONC.CURB & GUTTER
Protective Devices: Type, Location and Number (M/M=Metal Rail on Metal Post)	M/M / M/M / M/M
Illumination: Type, Location and Number	Mercury Vapor
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Contra–Flow Lane	Contra–Flow 5:53–8:30 AM / Traffic Flow
Area and Development:	Small Urban / (Rural)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (1) / Rolling (2)
Speed: 1–Design, 2–Posted	50 MPH (2) / 35 MPH (2) / 25 MPH (2) / 35 MPH (2) / 25 MPH (2) / 35 MPH (2) / 50 MPH (2) / 40 MPH (1)
Intersection Control Devices: Type, Location and Cycle Timing	2 Phase / 3 Phase / 3 Phase / 3 Phase / 3 Phase / 3 Phase
Traffic Stations (Current Year)	B73 0056 00260 / B73 0056 00563 / B73 0056 00596 / B73 0056 00660 / B73 0056 00738 / B73 0056 00818 / B73 0056 00864 / B73 0056 00899 / (B73 0056 00995)
HPMS Sections – AADT 2009	33,100 / 35,607 / 27,900 / 20,900 / 23,827 / 16,900 / 20,000 / 14,500 / (13,200)
HPMS Sections – AADT 2008	30,332 / 34,923 / 32,254 / 14,916 / 23,369 / 20,063 / 21,808 / 13,708 / (15,592)
HPMS Sections – AADT 2007	31,715 / 36,515 / 33,725 / 27,895 / 30,705 / 30,705 / 24,445 / 16,160 / (16,265)
DOD Sections	(Minor Arterial (4))
Functional Classification	Principal Arterial (3)
National Highway System (NHS)	On NHS (1) / (Not on NHS (0))
Previous Projects: Project No., Date and Limits	STP–056–1(40) 1998 / 56A–01–90M (R) 1991 / 56A–01–91 (IMPRV.) 1993 / 56A–08–90 (IMPRV.) 1991 / STP–0700 (28) (IMPRV.) 1994 / (56B–01–89M 1989 (R))
	(56C–01–87M 1987) / LT–K–02–79 (SHLDR. & GUARDRAIL IMPRV.) 1980 / 56A–03–90M (R) 1991 / (HWY–K–01–77M 1977)
	A–56–02–64 1968 / 56A–01–90M (R) 1991 / 56A–02–72 1976 / A56–02–65 (R) 1967 / 56A–02–72 1976 / HWY–K–01–78M (R) 1978 / A56–02–65 (R) 1967 / 56A–01–74 1976 / (56A–01–67 (R) 1967) / HWY–K–01–77M (R) 1977 / 56A–01–72 1976 / (56A–01–67 (R) 1967)
	F–12(18) 1950 / (F–12(15) 1948) / F–12(18) 1950 / (F–12(14) 1945) / County / (F–12(14) 1945) / County / F–12(18) 1950 / F–12(20) 1951

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Dec. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

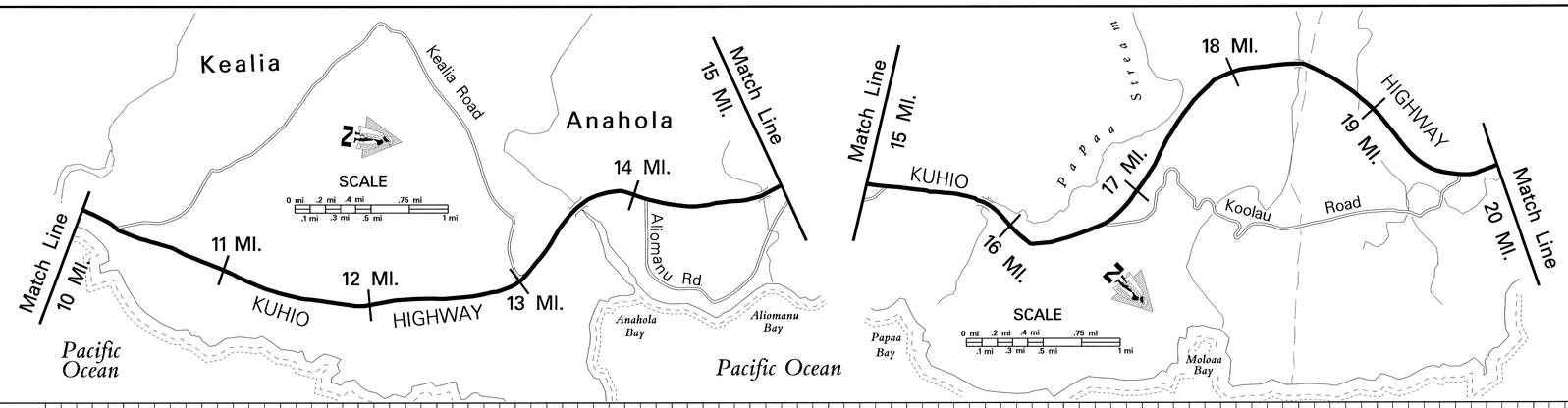
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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. (13.64) — 56 C (9.82 Mi.)

Structure Carrying Road

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

RC Box Girder (STR) 1960	RC RGD FM FL SL (STR) 1960	RC Deck Girder (GTR) 1957	Prestressed Conc. Girder (STR) 1965
214' (13.83)	20' (14.93)	68' (15.85)	240' (18.47)

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') (15.06) (10.02) — Varies 80' to 160' — (16.19) — Varies 80' to 260'.

Available Right of Way Width (Needs Study): Residential (10.89) — Clear 1000' – Sugar Cane (12.76) — Residential (14.04) — Clear 1000' – Pineapple / Sugar Cane (15.52) (17.23) — Bushes and Trees

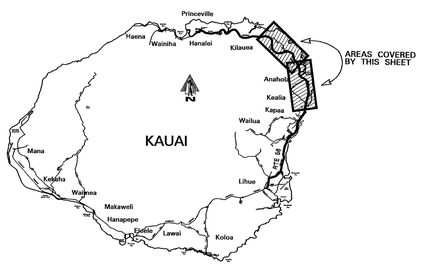
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't.): C.L. 12.94 13.09; C.L. 12.96 13.11 (25' FEP); C.L. 14.19 14.20 (15' FEP); C.L. 15.45 15.60; C.L. 15.46 15.60 (20' FEP); Wire on Wood 35' FEP (17.35) 18.98; Wire on Wood 35' FEP

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) (11.00) — 56 BC-01-99M, RESURF., 2000 (14.15) — (30+40) (15.87) (15.89) (26+00) (STP-0700(58), GUARDRAILS, 2008) — (45+60) (43+60) (STP-0700(58), GUARDRAILS, 2008) (18.31)

Project No., Type of Construction, and Year Constructed: STP-0700(28) (SHLDR. & G.R. IMPRV.) 1994 (11.42) — HES-056-1(32) (SHLDR. & G.R. IMPRV.) 1990 (12.36) — FR-0700(22) (R) 1983 (14.02) — STP-056-1(38) (R) 1996 (15.01) — 56C-01-88M (R) 1988 (15.87) — ER 5(1) 1957 (16.21) — 50D-56AB-01-70 (SHLDR) 1970 (16.70) (16.82) — (56C-01-87M (R) 1987) — STP-056-1(42) (R) 1999 (19.27)



Road Diagram

* MP = Milepost Signage

Continued from Sheet #2 — 10.00 mi. — KUHIO HIGHWAY — 20.00 mi. — Continued on Sheet # 4

ECB; Tractor Crossing & Kealia Beach Rd to Beach Park; End Divided; Kealia Rd.; Kamole Road; Cane Haul Rd.; Proposed Rd.; Cane Haul Rd.; Begin Divided; End Divided; Cane Haul Rd.; Begin Divided; End Divided; Road; End Divided; Begin Divided; End Divided; Cane Haul Rd.; Begin Divided; Satellite Public Reuse Dump; End Divided; Begin Divided; Kulalea Road; Kukuihale Road; 11 MP; 12 MP; 13 MP; 13.60 mi.; Kealia Rd.; Anahola Rd.; Anahola Br. Road; Kikoo Loop; Pu'u Hale Loop; 14 MP; Paved Road; Aliomanu Rd.; Paved Rd.; Begin Divided; End Divided; Hokualele Rd.; 14.45 mi.; Unimproved Road; Aliomanu Br.; 15 MP; Aliomanu Rd.; Unimproved Road; Papaa Rd.; Papaa Br.; 28+10; 16 MP; Koolau Rd.; ECB; 17 MP; End to Meadow Gold Dairies; 18 MP; Moloaa Br.; ECB; 19 MP; 57+40; End Divided; Kapaina Rd.; Begin Divided; Koolau Rd.; 20 MP

SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided	Shoulder: Width and Type	8' AC (10.21) (10.41) 11' AC (10.57) 8'AC (10.88) 6'AC (11.48) 10' AC (11.62) 6' AC (11.88) 8' AC (12.03) 10' AC (12.35) 6'AC (13.77) 11' AC (13.91) 6' AC (14.49) 4'AC (13.97) 6'AC (15.68) 8'AC (15.43) 4'–12' AC (15.54) 10' AC (16.05) 4'AC
	Pavement: Width and Type	12' AC 24' AC 11' AC 24' AC 11' AC 22' AC 11' AC 24' AC 12' AC 24' AC 12' AC 24' AC 22' AC 11' AC 22' AC
	Shoulder: Width and Type	0 6'AC (10.42) 8' AC (10.61) 6'AC 0 6' AC 0 6'AC 0 4' AC 10' AC (13.18) 6'AC 0 6' AC (13.03) 8' AC (13.26) 6'AC (13.53) 8' AC 6'–8' AC (13.98) 10' AC 0 6'AC (15.43) 4'AC (15.70) 6'–8' AC (15.80) 10' AC (16.07) 4'–8' AC (17.56) 6' AC (17.69) 4' AC 0 4' AC
Divided	Median: Width and Type	16' Paint AC (10.14) 0'–10' Painted AC (11.11) 0'–12' Painted AC (11.28) (11.39) 11.67 11.75 (0'–10' Painted AC) (11.90) 12.08 12.84 (10' AC) 14.48 (0'–11' Painted AC) (0'–12' Painted AC) 14.32 18.95 0'–11' Painted AC 19.17
	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) 14.32 (6' AC) 4' AC

Number of Traffic Lanes: 2–12' | 2–11' | 2–12' | 16.08 | 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–10' accel. In (10.04) (10.24) 1–10' (11.14) (11.23) 20' (11.40) (11.52) 45' (11.80) (11.89) 11' T.L.s. (11.42) (11.53) 11' T.L.s. (12.76) 11' T.L.L. (14.35) 48 (14.41) 44 30 (19.06) 16 (19.09) 09 30 (19.30) 19.34

(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) (All Gutters 2' Concrete): 6' conc (10.22) (10.38) 6' conc (10.46) (10.58) (11.11) (11.19) (11.48) (11.59) (11.83) (11.90) (12.03) (12.21) (12.61) (13.18) (13.25) (13.53) (13.65) (14.05) (14.30) (14.79) (14.87) (14.91) (15.28) (15.42) (15.62) (15.72) (15.86) (15.97) (16.08) (16.21) Type 2 Conc. Gutter (17.57) (17.69) Type 2 Conc. Gutter (18.53) (18.63) Type 2 Conc. Gutter (19.41) (19.51) (19.71)

Protective Devices: Type, Location and Number (M/M = Metal Rail on Metal Post. M/C = Meta Rail on Concrete Post. W/C = Wood Rail on Conc. Post.): M/M (10.42) (10.58) (11.63) M/M (12.03) (12.23) (12.61) M/M (13.17) (13.28) M/M (14.20) (14.90) M/M (15.28) (15.29) M/M (15.72) M/M (15.81) (15.82) (15.87) (15.89) (16.08) (16.21) (16.22) (16.18) (16.08) (16.08) M/M (17.41) M/M (18.11) (18.44) M/M (19.04) (19.12) (19.30) (19.50) M/M (19.78) M/M (10.34) (10.42) (10.58) (11.62) M/M (12.75) (12.76) M.V. (13.10) (14.08) M/M (14.74) M/M (17.30) M/M

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Contra Flow Lane

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling (2) (12.24) Flat (1) (13.04) Rolling (2) (17.34) Mountainous (3) (19.24) Rolling (2) (19.89) (Flat (1))

Speed: 1–Design, 2–Posted: 40 mph (1) (10.29) 50 MPH (2) (12.52) (45 MPH (2)) (12.68) 35 MPH (2) (14.50) 50 MPH (2)

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

Traffic Stations (Current Year): B73 0056 00995 | B73 0056 01278 | B73 0056 01440 | B73 0056 01554

HPMS Sections – AADT 2009: 13,200 | 12,000 | 11,500 | 10,600

HPMS Sections – AADT 2008: 15,592 (12.78) | 13,911 (14.40) | 12,571 (15.54) | 11,768

HPMS Sections – AADT 2007: 16,265 | 14,545 | 12,525 | 11,010

DOD Sections

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits

(HWY-K-01-77M (R) 1977) (14.28) (14.49) DF-056-1(6) 1960 (15.00) 56C-01-88M (R) 1988 (16.70) 56C-01-87M (R) 1987 (17.42) (LT-K-03-80M (R) 1980) (17.84) 56C-01-87M (R) 1987

56B-01-89M (R) 1989 (12.59) STP-056-1(34) Shldr. & Guardrails 1995 (15.87)

(HWY-K-01-77M) 1977 (10.25) 56B-01-70(R) 1970 (12.35) FR-0700(22) (R) 1983 (14.02) 50D-56AB-01-70 (SHLDRS.) 1970

(F-12(20)) 1951 (10.15) F-31(1) 1953 (13.56) F-056-1(7) 1958 (14.54) DF-056-1(6) 1958 (15.62) ER-5(1) 1956 (16.19) S-0560(2) UNIT 2 1963

SCALE: (In Miles) 2" = 1 mile

Date Released
Nov. 2001

Revised	
Aug 04	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

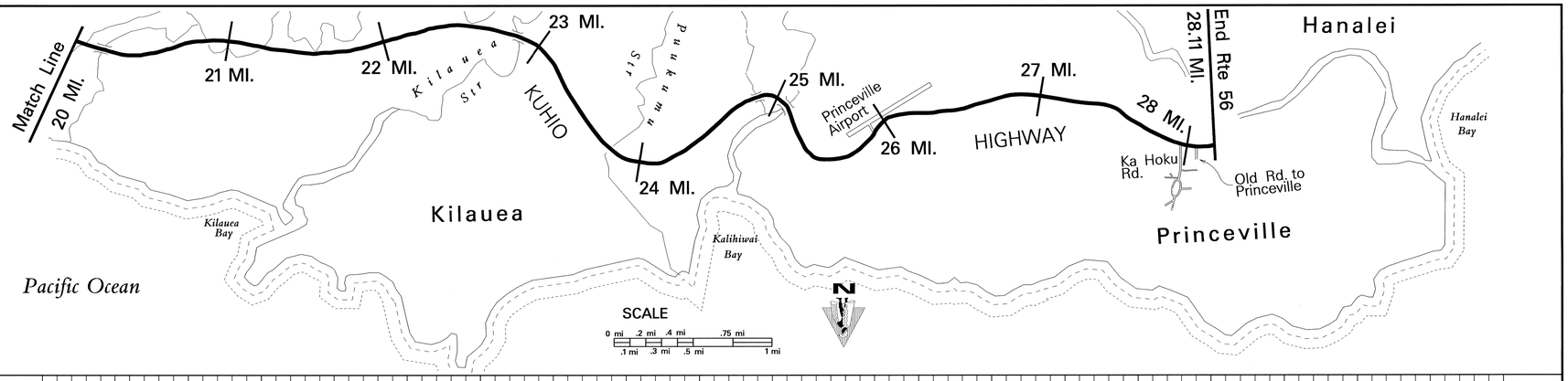
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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' | 100' (200') | 100' | 100' (Varies 110'–160') | Varies 160'–295' (100' Varies 175'–210') | 100' | 130' (Varies 300'–360' Varies 160'–165') | 70'–200' | 40'

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

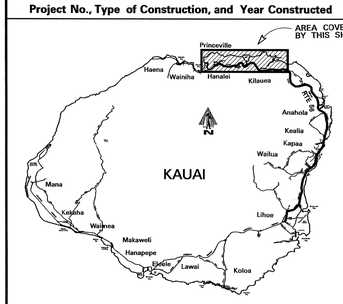
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't): Wire on Wood 35' FEP | Wire on Wood 35' FEP | Wire on Wood 10'-20' FEP | Wire on Wood 10'-20' FEP

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

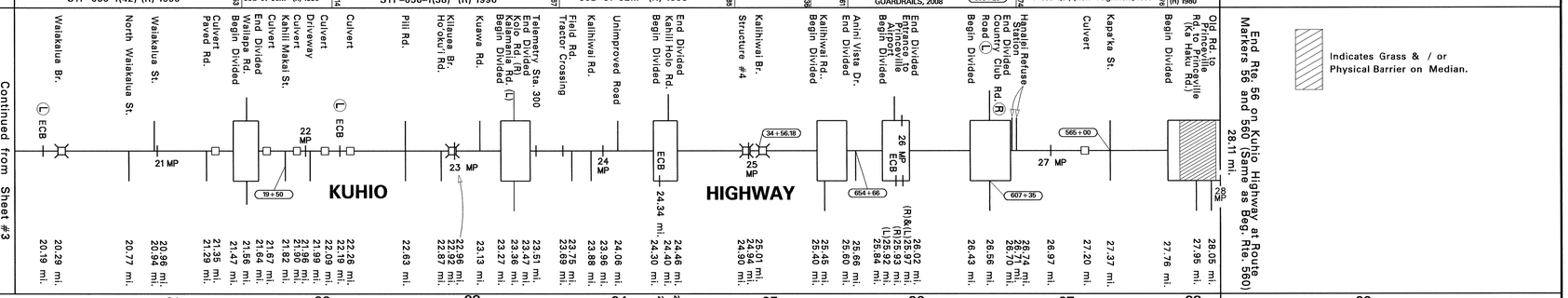
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: (56C–02–08M, RESURF., 2010) | (HWY–K–02–98, IMPRV. 2000) | (HWY–K–01–07M, PAVEMENT MARKING, 2007) | 56D–03–08M, RESURF., 2010 (56D–03–08M, RESURF., 2010) | 56D–01–08M, RESURF., 2010

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 | STP–0700(58), GUARDRAILS, 2008 | F–056–1(31) (New Alignment) 1993 | LT–K–03–80M (R) 1980



Road Diagram
* MP = Milepost Signage



Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided — Shoulder: Width and Type: 4' AC | 6' AC | 4'–6' AC | 8' AC | 4' AC | 8' AC | 10' AC | 4' AC | 7' AC | 6' AC

Undivided — Pavement: Width and Type: 22' AC | 11' AC | 22' AC | 24' AC | 12' AC | 24' AC | 22' AC | 22' AC | 24' AC | 22' AC | 12' AC | 24' AC | 12' AC | 24' AC | 14' AC | 12' AC

Undivided — Shoulder: Width and Type: 4' AC | 6'–12' AC | 0 | 4'–6' AC | 16' AC | 6'–12' AC | 0 | 8' AC | 4'–8' AC | 0 | 4'–8' AC | 0 | 7' AC | 0 | 7' AC | 0 | 7' AC | 0 | 2' AC | 0

Median: Width and Type: 0'-10' Painted AC | (6'–12' AC) | 0'-10' Painted AC | 0'-12' Painted AC | 0'-20' Painted AC | 0'-12' Painted AC | 0'-15' Painted AC | (6'–12' Raised Grass) (0'–6' Painted AC) | (0'–6' Painted AC)

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

Pavement: Width and Type: 11' AC | 12' AC | 11' AC | 12' AC | 12' AC | 14' AC

Shoulder: Width and Type: 6'–12' AC | 20' 8' AC | 4'–8' AC | 8' AC | 7' AC | 7' AC | 4' AC 2.95

Number of Traffic Lanes: 2–11' | 2–12' | 2–11' | 2–12' | 2–11' | 2–12' | 1–14' 1–12' 1–14'

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

(Right Side): 10' T.L.s | 12' T.L.s | 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)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Contra Flow Lane

Area and Development: Rural

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 2009: 10,600 | 11,600 | 12,100 | 12,000

HPMS Sections – AADT 2008: 11,768 | 13,635 | 13,684 | 12,557

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

DOD Sections

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits: 56C–01–90M (R) 1990 | (HWY–K–01–07M, PAVEMENT MARKING, 2007) | F–056–1(31) (New Alignment) 1993 | (56C–01–87M (R) 1987) | STP–056–1(36) 1998 | (50D–56AB–01–70 1970) | 50D–01–92M (R) 1993 | (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

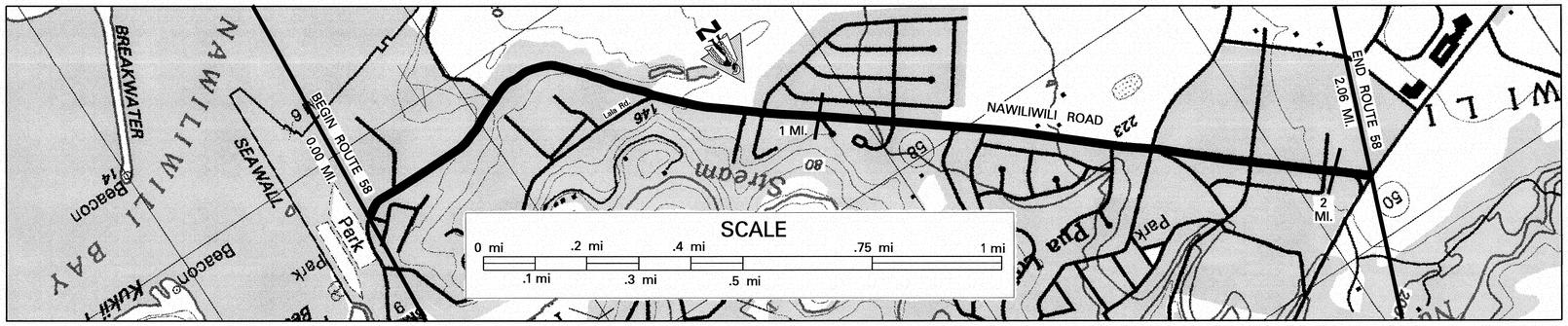
Revised	
Aug 04	D.B.
Sept. 06	D.B.
Feb. 08	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

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) 122' (0.20) 140' (0.28) 150' (0.32) 110' (0.42) 90' (0.51) 110' (0.66) 100' (0.84) 80' (1.67) 120'

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

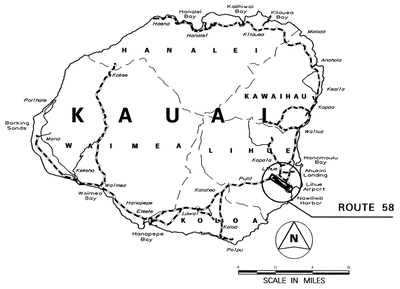
Right of Way Fence: Type – Right and Left: 6' Chainlink (1.77–1.86) 6' Chainlink (1.86–1.98)

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–058–1(3), Resurface, 2002

Project No., Type of Construction, and Year Constructed: NH–051–1(10) Resurf., 2002 (0.00–0.16); STP–058–1(2), Realignment, 1993 (0.16–1.67); 58A–01–88M, Resurface, 1988 (1.67–1.99); F–058–1(1), 1991 (1.99–2.06)



Road Diagram

* MP = Milepost Signage

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

Willcox Rd. & End Div. (0.08 mi.) — Niumalu Rd. (0.37 mi.) — End Measured Mile (0.34 mi.) — Lala Rd. (0.58 mi.) — Eleki Pl. (0.68 mi.) — Aapapane St. (0.85 mi.) — Begin Divided Beg. Measured Mile (0.90 mi.) — Nokekula St. (L) (1.01 mi.) — Nokekula Cir. (R) (1.00 mi.) — End Divided (1.15 mi.) — Aheahe St. (1.22 mi.) — Begin Divided (1.32 mi.) — Kanani St. (R) (1.42 mi.) — Halekaha Rd. (L) (1.57 mi.) — Pikake St. (1.64 mi.) — Rd. to Shopping Cntr. (L) Haleko Rd. (R) (1.84 mi.) — Kukui Grove St. (R) (2.00 mi.) — Rd. to Shopping Cntr. (L) (1.99 mi.) — End Measured Mile (1.98 mi.) — END RTE 58 ON NAWILIWILI ROAD AT THE SOUTH E.P. OF KAUMUALI'I HIGHWAY (RTE 50) (2.06 mi.)

NAWILIWILI ROAD; 0 MP; 1 MP; 1.56 mi.; 2 MP; 2.06 MP

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); 4' AC; 10' AC (1.58–1.97); 0
- Pavement: Width and Type: 12' AC; 24' AC; 12' AC; 24' AC; 12' AC (1.84); 24' AC
- Shoulder: Width and Type: 0; 10' Dirt (0.15); 4'–22' AC; 0; 4' AC; 0

Divided Highway
- Median: Width and Type: 10' Painted AC (0.08–1.01); 12' Painted AC (1.22–1.42); 0'–20' Paint (1.56); 0'–20' Raised Grass
- 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); 0

Number of Traffic Lanes: 2–12'; 1–12' (1.84); 2–12' (1.97)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): All 12' T.Ls.; 10' (L) T.L. (0.05–0.08); 2–12' (0.08–0.15); 1.01–1.19; 1.27–1.72; 1.97–2.04
(Right Side): All 12' T.Ls.; 0.42–1.05; 1.20–1.75; 1.84–1.98; 1.98–2.04

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

Sidewalk: Width and Type (Right and Left): 4' Conc. (1.59–1.67); 1.81–1.98

Curb and/or Gutter: Type (Right and Left): 6' Concrete Gutter (0.29–0.69); Concrete Curb (1.59–1.98); Concrete Curb (1.67–1.98)

Protective Devices: Type, Location and Number: All Guardrails M/M (0.11–0.34; 0.51–0.66)

Illumination: Type, Location and Number: None; 61 HPS (1.45–1.77; 1.84–1.86)

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

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (0.08); Rolling (0.18–0.71); 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); 35 MPH (2)

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

Traffic Stations (Current Year): (B73 0058 00000); B73 0058 00008; B73 0058 00142; B73 0058 00184; B73 0058 00197

HPMS Sections – AADT 2009: 10,800; 9,500; 7,094; 12,019; 12,019

HPMS Sections – AADT 2008: 12,615; 9,011 (0.08–1.42); 6,958; 11,788 (1.84); 11,788 (1.97)

HPMS Sections – AADT 2007: 12,355; 13,935; 12,352 (1.57)

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

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

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 2004, D.B.	
Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

ROAD INVENTORY
KAUAI RTE 540
HALEWILI ROAD

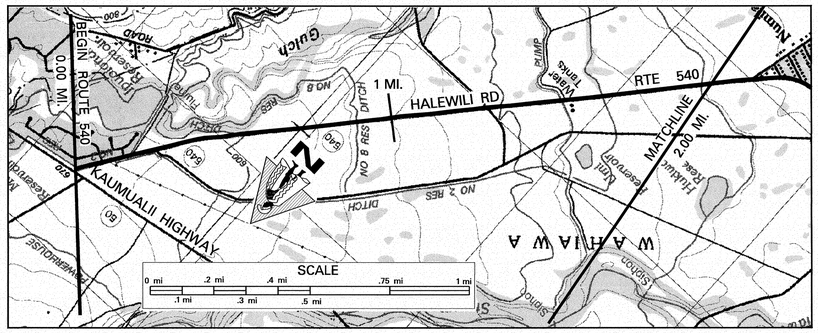
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

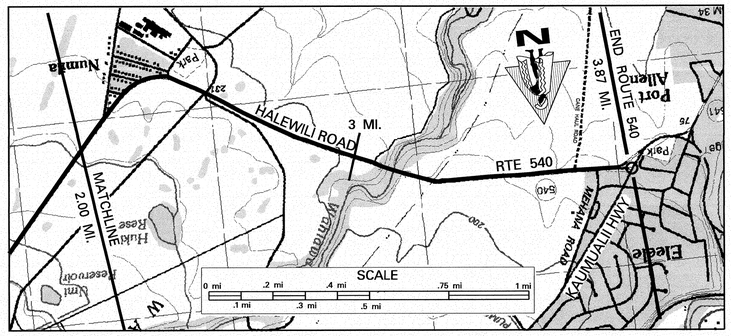
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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
- Vertical Clearance: 48'

Structure Over Road

- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' (1.02–1.08, 0.85) 60' (2.47) 80' (3.85–3.89, 1.97) 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.

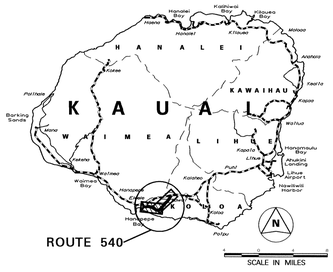
Right of Way Fence: Type – Right and Left: None

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) (0.03) (200+68) STP-0540(3), (R), 2007 (0.13) (72+10) (1.05)

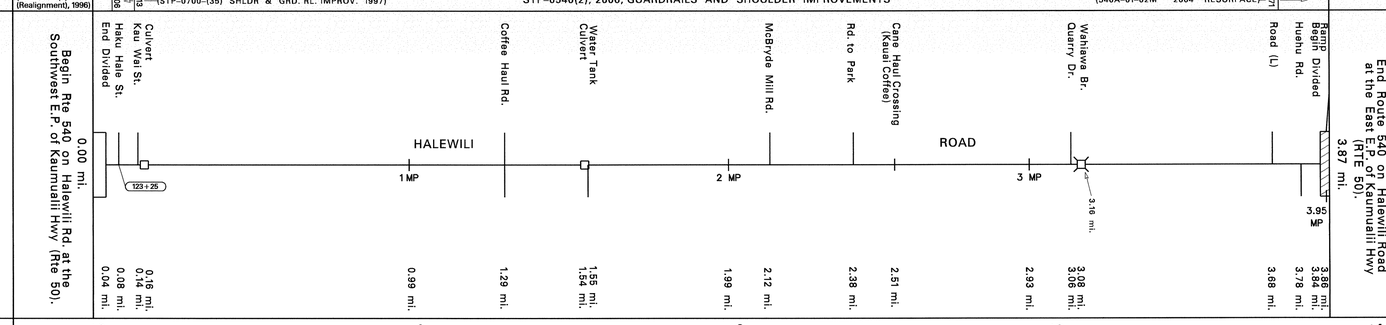
Project No., Type of Construction, and Year Constructed: (STP-050-1(9) (Realignment), 1996) (0.08) (STP-0700-(35) SHLDR & GRD. RL. IMPROV. 1997) STP-0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS (540A-01-02M 2004 RESURFACE) (12+00) (3.71)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 6' AC
- Pavement: Width and Type: (12' AC) 24' AC (2.97) 3.07 12' AC 3.22 6' 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

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

Speed: 1–Design, 2–Posted: 35 MPH (2) (Not Posted) 35 MPH (2) (0.03) (0.21) 50 MPH (2) (2.06) 35 MPH (2) (2.58) 50 MPH (2) (3.52) 45 MPH (1) 35 MPH (1) (3.65) (3.78) (25 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B73 0540 00000

HPMS Sections – AADT 2009: 2,100

HPMS Sections – AADT 2008: 2,297

HPMS Sections – AADT 2007: 2,265

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits

- 0.06 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. 127+84.80 — Sta. -1+55.07 — Sta. 79+44.07 — Sta. 0+55.15 (Spur – Port Allen Leg)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 2004, DB	
Revised	
Sept. 06	D.B.
Feb. 08	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

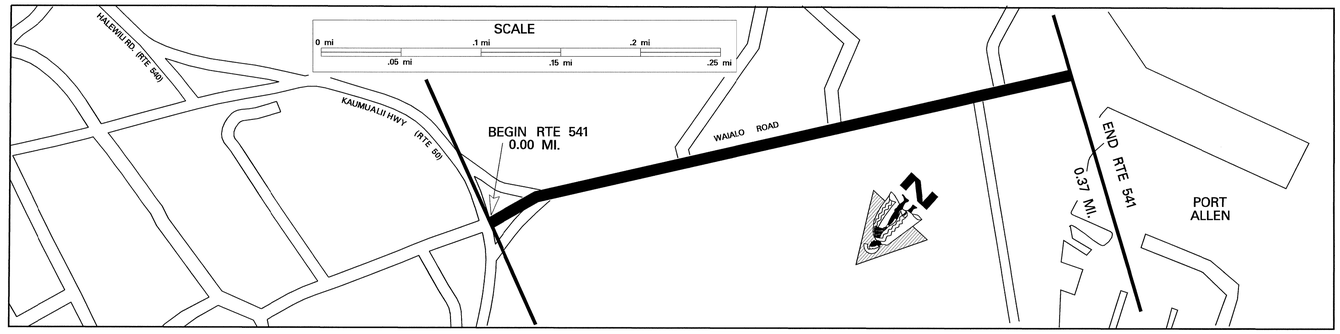
ROAD INVENTORY
KAUAI RTE 541
WAIALO ROAD

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' (0.32) 40'–100'

Available Right of Way Width (Needs Study): Residential

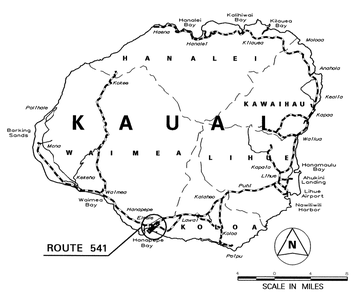
Right of Way Fence: Type – Right and Left: None

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

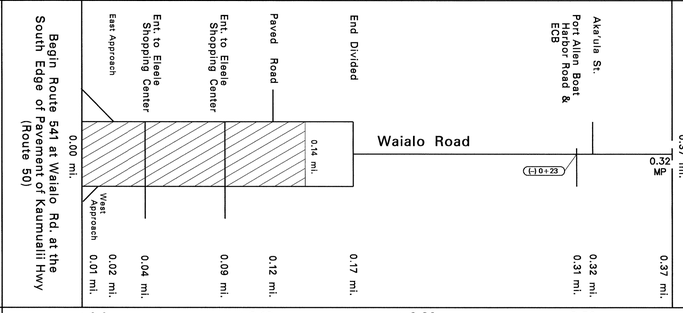
Project No., Type of Construction, and Year Constructed: 541A–01–89M (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



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: 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 | 4' AC (0.50) 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'

Frontage Road: No. of Lanes, and Width (Right and Left): (0.01)

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

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 | B73 0541 00004 | B73 0541 00017

HPMS Sections – AADT 2009: 7,800 | 4,700 | 2,400

HPMS Sections – AADT 2008: 10,739 | 4,322 | (0.17) 3,258

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

DOD Sections: (0.04)

Census Tracts

Functional Classification: Major Collector (5)

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.
Dec. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

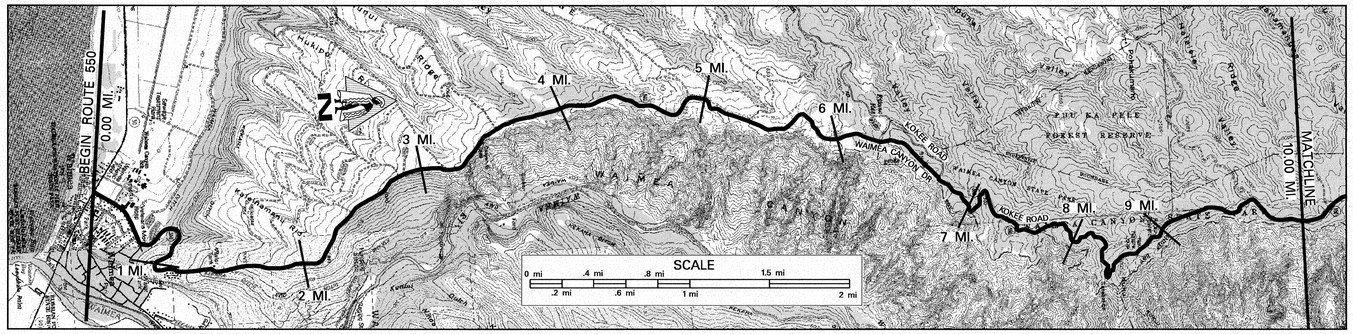
ROAD INVENTORY
KAUAI RTE 550
WAIMEA CANYON DRIVE & KOKEE RD.

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
*



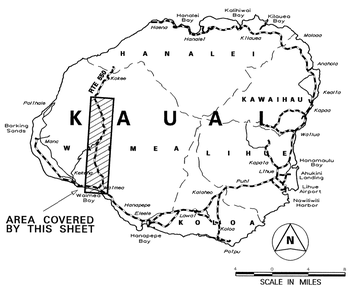
SCALE: (In Miles) 2" = 1 mile

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' (4.16) 40' (6.76) 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: (385 + 98) STP-0700(58),GUARDRAIL & SHOULDER IMPV., 2008 (492 + 60) (4.98) 550A-01-01M, (RESURF.) 2002 (6.00) (7.38)
Project No., Type of Construction, and Year Constructed: 550A-01-95M (RESURF), 1996 (2.75) 350A-01-90M, RESURF, 1990 (6.74) 550B-01-92M, 1992 (R) (8.42) 550B-01-91M (RESURFACE) 1991



Road Diagram
* MP = Milepost Signage

BEGIN RTE 550 ON WAIMEA CANYON DR. AT THE INTERSECTION WITH KAUMUALII HWY (RTE 50). 0.00 MI.

MP: 0 MP, 1 MP, 2 MP, 3 MP, 4 MP, 5 MP, 6 MP, 7 MP, 8 MP (418 + 70), 9 MP, 10 MP

WAIMEA CANYON DRIVE — KOKEE ROAD

0.06 MI. KAUMUALII HWY. (RTE 50)
0.26 MI. WAIMEA MEM. HOSPITAL
0.28 MI. WAIMEA RD.
0.34 MI. BEGIN DIVIDED
0.43 MI. KAUMUALII HWY.
0.44 MI. HAINA RD.
0.61 MI. END DIVIDED
0.78 MI. CANE HAUL RD. CULVERT
0.77 MI. ROAD TO WATER TANK
0.99 MI. SUBDIVISION RD
1.00 MI. PANINI PL.
1.18 MI. WATER TANK CULVERT
1.31 MI. ELEV. 500'
1.38 MI. SCENIC LOOKOUT ECB (R)
1.50 MI. SCENIC LOOKOUT
2.00 MI. TRIG STATION "CANYON B" SCENIC LOOKOUT
2.22 MI. PAVED LOOKOUT
2.31 MI. ELEV. 1000' SCENIC LOOKOUT
2.84 MI. SCENIC LOOKOUT
2.89 MI. SCENIC LOOKOUT
3.00 MI. ELEV. 1500'
3.23 MI. ECB CANE HAUL RD.
3.38 MI. ECB
3.43 MI. KOKEE RD.
3.65 MI. "2500' ELEV." SIGN
4.02 MI. RANGER STATION
4.59 MI. ECB ROAD TO COMMUNICATION STATION
5.00 MI.
5.20 MI.
5.33 MI.
6.00 MI.
6.74 MI.
6.75 MI.
7.00 MI.
7.53 MI.
7.71 MI.
8.00 MI.
8.75 MI.
8.88 MI.
9.00 MI.
9.99 MI.

CONTINUED ON SHEET #2

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 4' GRASS (0.20) 4'–6' GRAVEL (1.02) 6' GRAVEL (5.97) 2'–4' GRASS (6.77) 2'–6' DIRT (6.74) VARIES 2'–6' GRAVEL (9.25) 2'–6' GRASS
- Pavement: Width and Type: 20' AC 10' AC 20' AC 18' AC 20' AC
- Shoulder: Width and Type: 6' 18' GRASS 0 6' GRASS (0.06) 3' (0.07) 6' GRAVEL (3.48) 2' GRAVEL (4.60) 6' DIRT (4.98) 4' GRASS (5.58) 2'–6' GRASS (6.82) 4' (7.09) 6'–8' (7.85) 10' (7.88) 3' GRAVEL (8.23) 8' DIRT (8.45) 0'–2' DIRT
- Median: Width and Type: (11' PAINTED AC) (0.07) (0.28) (0.44)
- Median Barriers:
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 10' AC
- Shoulder: Width and Type: 18' GRASS

Number of Traffic Lanes: 2–10' (1.05) 2–9' (6.74) 2–10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (0.29) (0.34) (0.40) (0.46) (0.56) (0.66) 11' TLs
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): None
Curb and/or Gutter: Type (Right and Left): None
Protective Devices: Type, Location and Number — ALL STEEL ON STEEL GUARDRAILS: (1.34) (1.29) (2.93) (2.91) (5.78) (5.76) (5.03) (5.00) (5.56) (5.89) (7.43) (7.38) (7.85) (7.83) (9.38) (9.30) (9.23)
Illumination: Type, Location and Number: (0.07) MV (0.56) (0.80) (1.08) (1.02) (0.97) (1.34) (1.29) (1.48) (1.70) (1.82) (1.93) (2.02) (2.15) (2.21) (2.48) (2.59) (3.48) (3.44) (3.39) (8.43) (8.38)
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (0.58) MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted: 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): B73 0550 00000 — B73 0550 00058 — B73 0550 00118 — B73 0550 00284 — B73 0550 00674 — B73 0550 00888
HPMS Sections – AADT 2009: 2,400 — 1,000 — 860 (2.84) — 1,674 — 1,300 — 1,188
HPMS Sections – AADT 2008: 2,723 (0.58) — 905 — 744 — 1,642 — 1,177 (8.88) — 1,165
HPMS Sections – AADT 2007: 2,470 — 975 — 975 (2.75) — 725 — 1,290 (8.50) — 1,370
DOD Sections
Census Tracts
Functional Classification: MAJOR COLLECTOR (5)
National Highway System (NHS): Not on NHS (0)
Previous Projects: Project No., Date and Limits

HYY-K-01-82M (R) 1982 (1.02) RS-0550(2) RESURFACE, SAFETY & IMPROV., 1982 (3.48) (6.74) 550B-01-74, (RESURF), 1974 (8.73) 550-A-01-73, (R), 1973
HWY-K-01-70, 1970 (R) (1.05) LAND AND NATURAL RESOURCES (CONST. & MAINT. BY D.O.T.) 1963 (6.67) PHASE II COUNTY

SCALE: (In Miles) 2" = 1 mile

Date Released
Sept. 04, D.B.

Revised	
Sept. 06	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

ROAD INVENTORY
KAUAI RTE 550
KOKEE ROAD

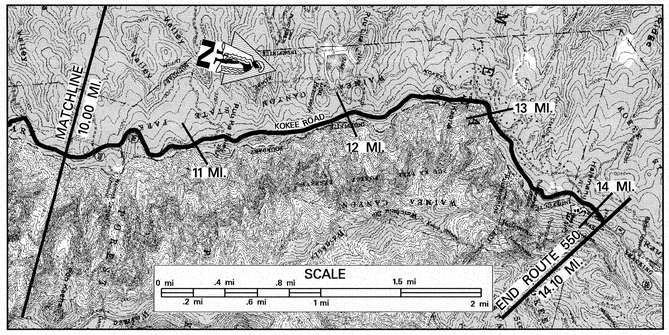
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

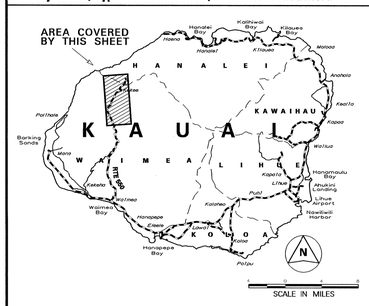
Total Route Length: 14.10 miles
- a. Survey Length: 14.10 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description	550 B (7.37 MI.)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80'
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 10.36 mi. 10.34 mi.

DIRT ROAD — DIRT ROAD

CULVERT

KOKEE ROAD

RD. TO CAMP HALE KOA — ECB

RD. TO KOKEE METHODIST CAMP

ELEVATION 3500' PU'U HUHUHINA LOOKOUT

MAKAHA ROAD

END RTE 550 ON KOKEE RD. AT THE ENTRANCE TO KOKEE STATE PARK ("END STATE HWY" SIGN). 14.10 MI.

577+25 — 11 MP — 11.12 MI. 11.11 MI. 11.00 MI. — 11.34 MI. — 12 MP — 12.00 MI. — ECB — 13 MP — 12.87 MI. 12.84 MI. — 13.00 MI. — 13.13 MI. — 682+15 — ROAD TO PACIFIC MISSILE RANGE FACILITY – HAWAIIAN AREA — 13.87 MI. 13.86 MI. — 14 MP — 14.09 MI. 14.00 MI. 13.90 MI.

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	VARIES 2'–6' GRASS
Divided Highway – Undivided: Pavement: Width and Type	18' AC
Divided Highway – Undivided: Shoulder: Width and Type	0'–2' DIRT (10.38) 4'–6' GRASS (10.37) VARIES 2'–6' GRASS
Divided Highway – Undivided: Median: Width and Type	
Divided Highway – Undivided: Median Barriers:	
Divided Highway – Undivided: Shoulder: Width and Type	
Divided Highway – Undivided: Pavement: Width and Type	
Divided Highway – Undivided: Shoulder: Width and Type	
Number of Traffic Lanes	2–9'
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	10.21 10.28 — 10.86 10.95 — 11.67 — 11.95 — 12.78 12.76 — 13.03 13.00
Illumination: Type, Location and Number	NONE
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS (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 00888
HPMS Sections – AADT 2009	1,188
HPMS Sections – AADT 2008	1,165
HPMS Sections – AADT 2007	1,370
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
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

Date Released	
Sept 04,	D.B.
Revised	
Sept 06	D.B.
Mar. 09	D.B.
Sept 10	D.B.
Feb. 11	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

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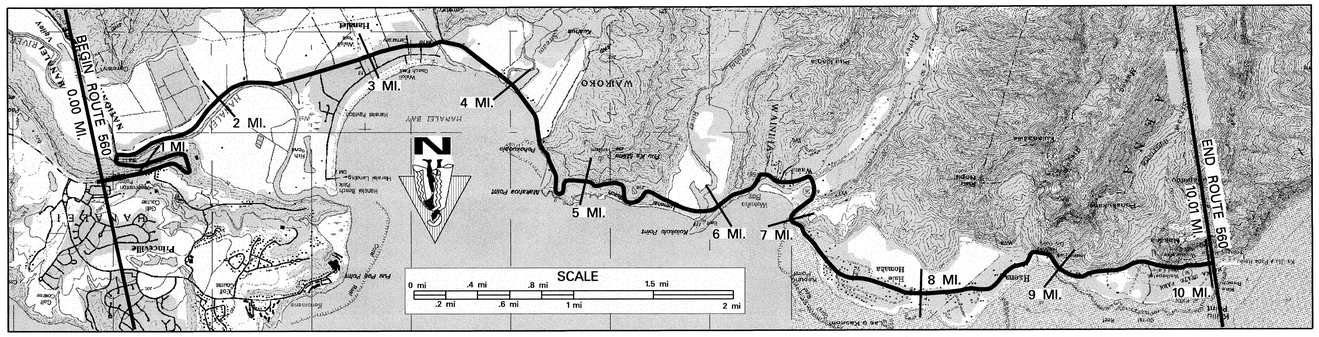


SCALE: (In Miles) 2" = 1 mile

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' (1.20)
R.C. Flat Slab 1912, H–15: 90' (3.39)
R.C. Flat Slab 1912, H–15: 188' (3.39)
R.C. Flat Slab 1913, H–10: 45' (4.21)
Cont. Concrete 1968 HS 20: 538' (6.88)
Steel Truss Deck 1969, H10: 42' (6.40); 78' (9.70); 146' (9.66)
Steel Truss Deck 1973, H15
Steel Truss Deck 1975, H15

Vertical Clearance: 17'; 13'; 13'; 13'; 28'; 10'; 10'; 14'

Horizontal Clearance

Structure over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 40'; 80'–125' (5.78–5.99); 40'

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

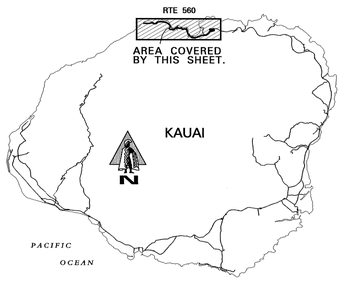
Right of Way Fence: Type – Right and Left (Footage indicates how far away from the edge of pavement the fence is.): Wire 10' (1.89–2.18); Wood 8', Chain Link 6' (3.00–3.11); Wire 15'–25' (3.60–3.81); Wire 50' (5.73–6.35); Wire 6', Chain Link 6', Wood 10', Wire 10', Wire 6', Wire 10', Wire 8' (6.58–8.09)

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 (0.01–2.34); 560A–01–96M, 1997 (2.34–6.02); 560A–01–00M, (Resurf.) 2000 (6.02–7.92); 56D–01–85M (Resurf.) 1985 (7.92–8.50); (56D–02–70 1970) (8.50–8.98); 560A–01–86M (R) 1986 (8.98–10.01)



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. Ctr. (0.12 mi.); Hanalei Plantation Rd. (0.38 mi.); End Divided, Begin Divided (0.63 mi.); Hanalei River Br. ECB (R) (1.01 mi.); Culvert, Culvert, Culvert, Culvert, Culvert, Culvert, Culvert, Culvert, Culvert, Culvert (1.60–1.99 mi.); Culvert, Culvert (2.05–2.41 mi.); Hanalei Museum Rd. (2.43 mi.); End Divided, End Crit., Begin Crit., End Divided, Begin Divided, Alu Rd., Driveway (2.61–2.90 mi.); Mahimahi Rd., Malolo Rd., Kuhio Road, Road To School, Driveway, Begin Divided (2.99–3.44 mi.); Kuhio Road, Waipuhi Road, Anae Road (3.39–3.91 mi.); Waipa Bridge (3.91 mi.); Waikoko Bridge ECB (R) (4.21 mi.); KUHIO HIGHWAY; ECB (R) (4.99 mi.); Lumahai Bridge ECB (L) (5.42–5.84 mi.); Anamalu Road, Wainiha Bridge #1 (5.99–6.40 mi.); Wainiha Rd., Wainiha Br. #3, Ala'Eke Road, Wainiha Br. #2, ECB (R) (6.48–6.87 mi.); Alamihi Road, Culvert #1 (7.00–7.30 mi.); Alamihi Rd., Mikala Place, OneOne Road (7.55–7.64 mi.); Alealea Rd. (7.91 mi.); Haena Pl. (7.99–8.15 mi.); Culvert #2 (8.39 mi.); Wet Cave, Ford Crossing, ECB (R) (8.77–9.00 mi.); Culvert (9.21 mi.); Limahuli Stream Crossing, Haena State Park Boundary (9.56 mi.); Parking Area, Wet Cave (9.77–9.87 mi.)

END RTE 560 ON KUHIO HIGHWAY AT THE END OF THE PAVED HIGHWAY SECTION. ECB and End Route 10.01 mi. (10.00 mi.)

Divided Highway — Undivided

Shoulder: Width and Type: 2' AC/6' Grs.; 1'–2' AC; 4'–6' AC; 2' AC; 4' Grs.; 0; 6' Grs.; 0; 8' Grs.; (4' PCC); 0; 2' Grass; 0; 4' Grass; 0'–2' Grass; 0'–2' AC

Pavement: Width and Type: 20' AC; (10' AC); 20' AC; 20' AC; 10' AC; (2' AC); 0; 20' AC; 18' AC; 20' AC; 24' AC; 24' PCC; 20' AC; 18' AC

Shoulder: Width and Type: 2' AC/6' Grass; 0.46; 1' AC; (0') 1' AC; 1' AC/6' Grass; 2'AC/6' Grass; 2' AC; 0; 2' AC/6' Grs.; 0; (2' AC/10' Grs.); 0; 8' Grs.; 0'–1' AC; 0; 4' PCC; 0; 2'–4' Grs.; 0; 6'–8' Grass; 0'–2' AC

Median: Width and Type: (0'–8' Paint); (0'–10' Painted AC)

Median Barriers:

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

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

Shoulder: Width and Type: (1' AC); (1' AC); AC; (2' AC/10' Grass)

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

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left): (Conc. Barrier); (Conc. Gutter)

Curb and/or Gutter: Type (Right and Left): (Conc. Gutter); (Conc. Gutter); 4' Sidewalk; (Conc. Curb); (2' Conc. Curb & Gutter)

Protective Devices: Type, Location and Number (All Metal on Metal unless otherwise noted.): (Wood); (Wood); (Wood on Concrete)

Illumination: Type, Location and Number: 14 M.V.; 5 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

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B73 0560 00000; B73 0560 00038; B73 0560 00122; B73 0560 00265; B73 0560 00391; B73 0560 00604; B73 0560 00680; B73 0560 00877

HPMS Stations – AADT 2009: 9,400; 8,700; 8,600; 6,400; 3,400; 3,716; 3,322; 1,100

HPMS Stations – AADT 2008: 8,952; 8,675; 8,656; 5,459; 3,784; 3,645; 3,258; 2,362

HPMS Stations – AADT 2007: 2,425; 800; 8,580; 6,265; 5,555; 5,555; 3,940; 2,525

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits: 560A–02–96M, 1997; 560A–01–90M, 1990; (LT–K–03–80M (R) 1980); (56D–01–80, 1980 (Safety Improv. & Resurf.)); HWY–K–01–82M. 1982 (R); LT–K–03–80M 1980 (R); 56D–02–70 1970; County; (S–0560(1), 1965); FR–0700(22) 1988 (Resurf.); (56D–02–70 1970); (S–0560(1) 1965); (FR–0700(22) 1983 (R)); 56D–01–85M, (Resurf.) 1985; 56D–02–70 1970; 56D–02–70 1970; 56D–02–70 1970)

SCALE: (In Miles) 2" = 1 mile

Date Released
Dec 2003, D.B.

Revised	
Jan. 06	D.B.
Sept. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

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

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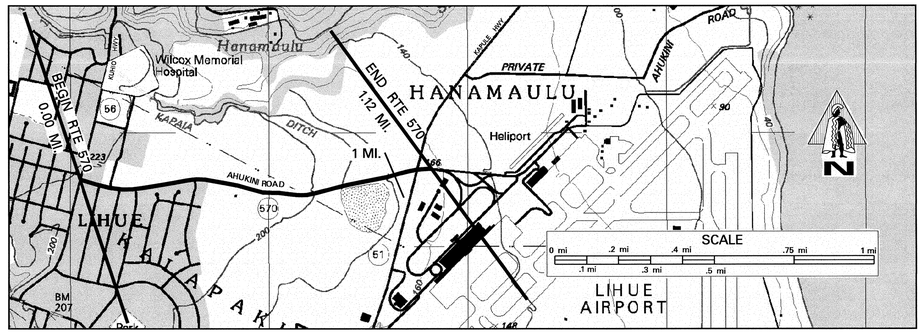
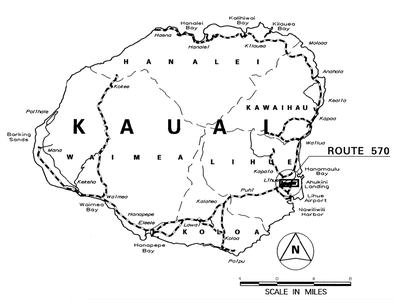


	SCALE: (In Miles) 4" = 1 mile	0 … 1 … 2 … 3 … 4 … 5	
	Maintenance Control Sections : Length and Description	BEGIN 570 A ON AHUKINI RD. 30' S.E. OF CENTER-LINE INTERSECTION / KUHIO HWY. 570 A (1.12 MI.)	END 570 A – SAME AS END RTE 570
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed		
Structure Carrying Road	Vertical Clearance		
Structure Carrying Road	Horizontal Clearance		
Structure Over Road	Vertical Clearance		
Structure Over Road	Horizontal Clearance		
	Right of Way Width (min.–max.) if varies	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-02-98 IMPRV., 2000; 0.29	
	Project No., Type of Construction, and Year Constructed	570A-01-92M (R), 1993; 0.97 F-051-1(7), 1988	



Road Diagram

* MP = Milepost Signage

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

0 MP; UMI ST. 0.17 MI.; BEG. PAINTED MED. 0.12 MI.; END PAINTED MED. 0.12 MI.; ENT. TO WALMART 0.08 MI.; AKAHI ST. 0.06 MI.; END PAINTED MED. 0.29 MI.; PALAI ST. 0.36 MI.; CANE HAUL ROADS–HANALEI HELICOPTER TOURS 0.50 MI.; AHUKINI ROAD; BEG PAINTED MED. 0.91 MI.; KAPULE HWY (RTE 51) 1.00 MI.; 1 MP 1.06 MI.

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	0 … 1 … 2 … 3 … 4 … 5	
Divided Highway – Undivided	Shoulder: Width and Type	6' GRAVEL; 8' AC	
Divided Highway – Undivided	Pavement: Width and Type	24' AC; 12' AC; 24' AC; 12' AC	
Divided Highway – Undivided	Shoulder: Width and Type	0; 0; 6' GRAVEL; 0	
Divided Highway	Median: Width and Type	0.13; 12' PAINTED AC; 0.29; 0.19; 12' PAINTED AC	
Divided Highway	Median Barriers:		
Divided Highway	Shoulder: Width and Type	0; 0	
Divided Highway	Pavement: Width and Type	12' AC; 12' AC	
Divided Highway	Shoulder: Width and Type	2' AC; 0.17; (4' AC/6' GRASS); 8' AC	
	Number of Traffic Lanes	2–12'	
	Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	0.17; 0.24; 12' (L) TL; 0.97; 12' (L); 12' (L); 12' AC T.L.	
	(Right Side)	0.96; 12'; 1.06	
	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)	(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	
	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	0.10; 3 PHASE; 1.06	
	Traffic Stations (Current Year)	B73 0570 00000; B73 0570 00017; (B73 0570 00106)	
	HPMS Sections – AADT 2009	9,100; 11,100; (9,500)	
	HPMS Sections – AADT 2008	11,328; 0.17; 13,160; (10,243)	
	HPMS Sections – AADT 2007	9,395; 13,760; (10,710)	
	DOD Sections	1.06	
	Census Tracts		
	Functional Classification	PRINCIPAL ARTERIAL (3)	
	National Highway System (NHS)	ON NHS (1)	
	Previous Projects: Project No., Date and Limits	S-0570 (1), 1964	
	SCALE: (In Miles) 4" = 1 mile	0 … 1 … 2 … 3 … 4 … 5	

Date Released	
Oct. 04, D.B.	
Revised	
Sept. 10	D.B.
Feb. 11	D.B.

ROAD INVENTORY

KAUAI RTE 580
KUAMOO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

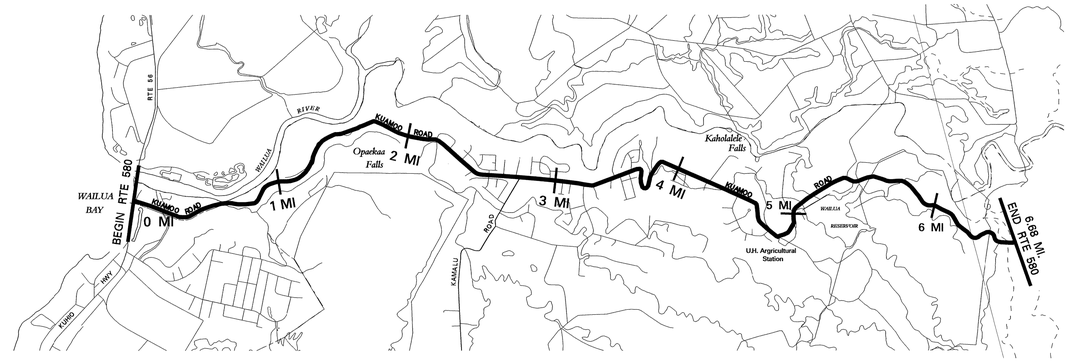
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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'

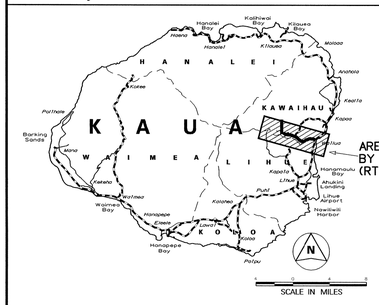
Right of Way Fence: Type - Right and Left: W/W 20'EP | WOOD | WIRE ON WOOD 15'EP | W/W

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.

Milepoints: WAILUA RIVER STATE PARK (0.01 MI.), WAILUA RIVER STATE PARK EXIT (0.06 MI.), CHINA ST. CULVERT (SKEW) (0.08 MI.), OPAEKAA BRIDGE (0.18 MI.), STATE PARK ROADS (0.23 MI.), KAMLOA HAWAIIAN VILLAGE (0.62 MI.), EXITS FROM SCENIC LOOKOUT (0.99 MI.), SCENIC LOOKOUT (1.29 MI.), KAHAWAI PL. (1.34 MI.), OHELO ROAD (1.40 MI.), LILIA PLACE (1.53 MI.), MELIA STREET (1.63 MI.), OHELO ROAD (1.79 MI.), MALA STREET (1.86 MI.), KAMALU RD (RTE 581) (1.99 MI.), ROYAL LAN' ALI PLACE (2.13 MI.), POKUKALA STREET (2.17 MI.), DAONE ROAD (2.28 MI.), KUAMOO ROAD (2.36 MI.), LOLENAE PLACE (2.58 MI.), PAAKO STREET (2.70 MI.), HE STREET (2.73 MI.), LIHAU STREET (2.77 MI.), HAWAIWA STREET (3.18 MI.), WAIKOLIA STREET (3.41 MI.), KAHOLALELE ROAD (3.38 MI.), ANA PONO STREET (3.49 MI.), ANA PONO STREET (3.98 MI.), U.H. AGR. STATION (R) (4.23 MI.), PAVED ROAD (4.42 MI.), CULVERT (5.18 MI.), TRACTOR CROSSING (5.50 MI.), CULVERT (5.60 MI.), TRACTOR CROSSING (5.80 MI.), "END OF IMPROVED HWY." SIGN (5.84 MI.), KULAU RIDGE TRAIL (6.02 MI.), FOREST RESERVE SIGN (6.46 MI.)

Markers: 1 MP, 2 MP, 3 MP, 4 MP, 5 MP, 6 MP; KUAMOO ROAD; 36+25; 69+50; 107+40

END RTE 580 ON KUAMOO ROAD AT THE BEG OF FORD CROSSING. (6.61 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

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

Number of Traffic Lanes: 2 - 11' | 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

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

Speed: 1-Design, 2-Posted: 35 MPH 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 00402 | B73 0580 00483 | B73 0580 00584

HPMS Sections - AADT 2009: 6,900 | 7,900 | 3,300 | 2,274 | 2,200 | 2,268

HPMS Sections - AADT 2008: 10,274 | 9,390 | 3,699 | 2,319 | 2,224 | 2,224

HPMS Sections - AADT 2007: 12,120 | 10,425 | 3,640 | 2,325 | 2,325

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits
- STP-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
DB	2-08
DB	3-09
DB	12-09
DB	9-10
DB	2-11

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

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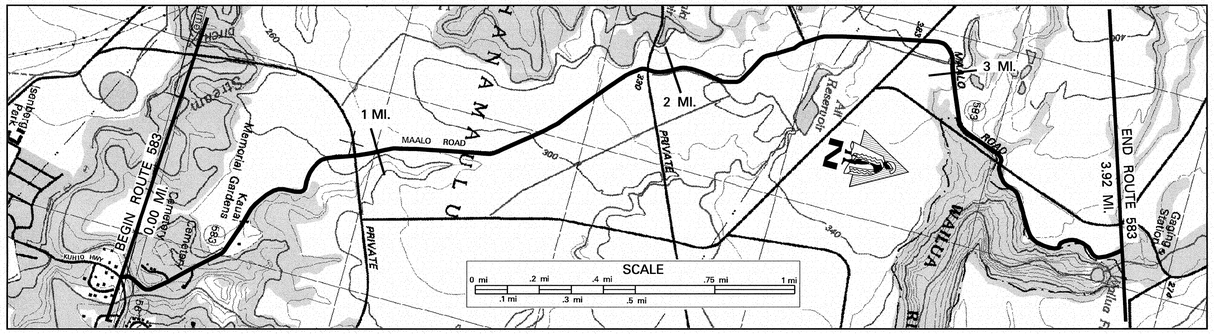


SCALE: (In Miles) 4" = 1 mile

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

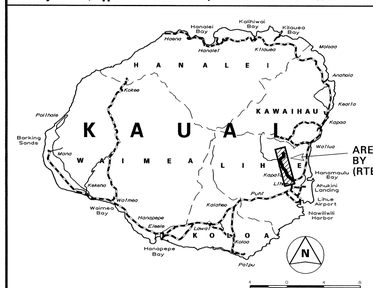
Right of Way Fence: Type – Right and Left: NONE

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: ARR–0583(1) RESURF., 2010 (0.03–0.98); 583A–01–07M, RESURF., 2009 (1.99–2.97); 583A–01–01M, RESURFACE, 2005 (2.97–3.92)

Project No., Type of Construction, and Year Constructed: (583A–01–71, 1971) (0.01–0.03); 583–01–95M (RESURFACE) 1996; HWY–K–01–70, 1970 (1.98–2.31); 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.

Milepost	Feature
0.05 MI. / 0.03 MI.	BRIDGE (1927)
0.15 MI.	ROAD (L)
0.25 MI.	RD TO CEMETERY
0.52 MI. / 0.48 MI.	KAUAI MEMORIAL GARDENS ROAD
0.68 MI.	CULVERT
0.82 MI.	CULVERT
0.92 MI.	QUARRY ROAD (L) / CANE HAUL RD. (R)
1.02 MI.	CULVERT
1.10 MI.	CULVERT
1.39 MI.	ECB (L)
1.82 MI.	CULVERT
1.92 MI.	DIRT ROAD
1.99 MI.	MAALO ROAD
2.25 MI.	CANE HAUL ROAD
2.45 MI.	CANE HAUL ROAD
2.57 MI.	CULVERT
2.82 MI.	PAVED ROAD
2.90 MI. / 2.97 MI.	CULVERT
3.33 MI. / 3.31 MI.	HWY OVERPASS CULVERT
3.45 MI.	CULVERT
3.84 MI. / 3.80 MI.	END OF PAV'T / CULVERT / ECB (R)
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 — 2' (0.10–0.46); 6' (0.46–1.98); 2'–4' (1.98–2.26); 6' (2.26–2.86); 0' (2.86–3.03); 4' (3.03–3.79); 8' (3.13–3.62); 4'–6' (3.62–3.79); 2'
- Pavement: Width and Type — 20' AC (0.00–1.98); 18' AC (1.98–2.97); 17'–20' AC (2.97–3.92)
- Shoulder: Width and Type: GRASS — 2'–4' (0.10–0.88); 6'–8' (0.88–1.98); 4'–6' (1.98–2.24); 3' (2.24–2.34); 6' (2.34–2.84); 2'–4' (2.84–3.16); 8' (3.16–3.43); 6' (3.43–3.92)

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

Number of Traffic Lanes: 2–10' (0.00–1.98); 2–9' (1.98–2.97); 2–(8.5'–10') (2.97–3.92)

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

(Right Side): PARKING APRONS (R) (3.63–3.88; 3.90–3.92)

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; (STEEL RAILING ON CONCRETE WALL) (3.20–3.46; 3.50–3.62; 3.79–3.92)

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 (0.00–0.92); RURAL (0.92–3.92)

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

Speed: 1–Design, 2–Posted: 25 MPH (2); NOT POSTED 25 MPH (2) (3.26–3.92)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
- B73 0583 00000 (0.00–0.92)
- B73 0583 00092 (0.92–1.98)
- B73 0583 00198 (1.98–2.97)
- B73 0583 00297 (2.97–3.92)

HPMS Sections – AADT 2009
- 1,000 (0.00–0.92)
- 1,100 (0.92–1.98)
- 830 (1.98–2.97)
- 582 (2.97–3.92)

HPMS Sections – AADT 2008
- 952 (0.00–0.92)
- 762 (0.92–1.98)
- 731 (1.98–2.97)
- 571 (2.97–3.92)

HPMS Sections – AADT 2007
- 910 (0.00–0.92)
- 910 (0.92–1.98)
- 1,010 (1.98–3.31)
- 1,010 (3.31–3.92)

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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 (0.50–2.30)
- 583A–01–71, 1971 (2.30–3.92)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	D.B.
Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.

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

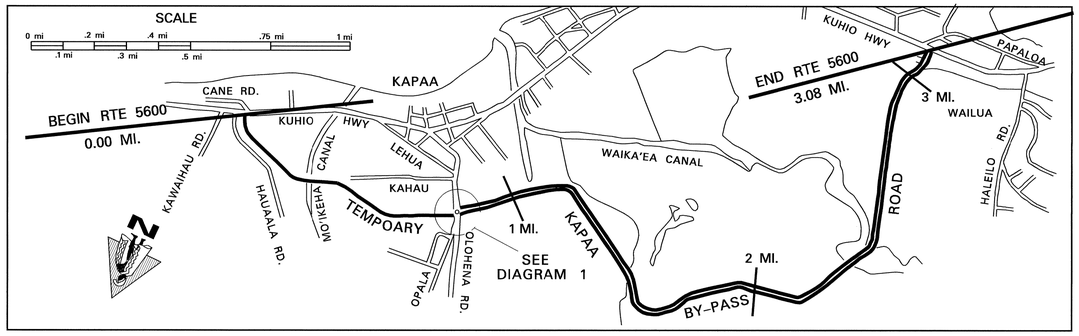
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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'; 0.29; 16'– 4"
- **Vertical Clearance**
- **Horizontal Clearance**

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

Right of Way Width (min.–max.) if varies: 80' (0.77–0.81); 80' (0.81–0.91); 100' (0.91–1.01); 60' (1.01–1.48); 120' (1.48–1.56); 100' (1.56–1.73); 60' (1.73–1.89); 100' (1.89–2.99); 60'

Available Right of Way Width (Needs Study)

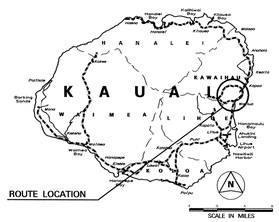
Right of Way Fence: Type – Right and Left: 6' CHAINLINK FENCE 25'–30' FROM E.P. (0.06–0.75); WIRE 35'–40' FROM E.P. (0.12–0.75)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (40+79.03 – (–)2+79.55)

Project No., Type of Construction, and Year Constructed: 56A–03–00, NEW CONSTRUCTION, 2007 (0.83 – 2.99)

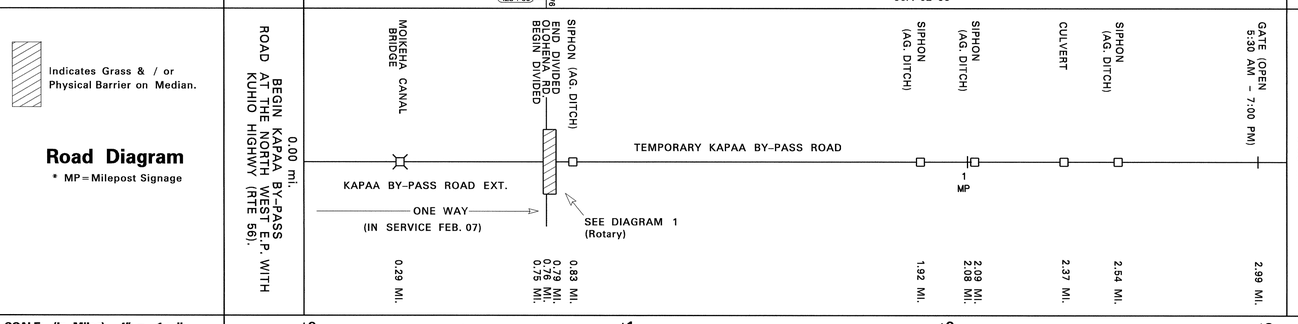
Project No., Type of Construction, and Year Constructed: 56A–02–95 (123+00 – 0+00)

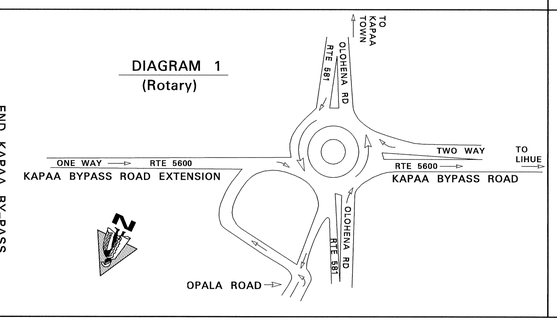


Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage





SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- **Shoulder: Width and Type**: 2' AC (0.22); 2'–6" 2'–8" AC (0.36); 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 – Median
- **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): (2–15') (0.77)

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number ALL METAL RAILS ON METAL POSTS: 0.19–0.27; 0.61–0.84; 1.00–1.13; 1.46–1.50; 1.47–1.56; 1.71–1.84; 1.80–1.86; 1.91–1.93; 1.92–1.94; 2.02–2.03; 2.10–2.11; 2.27–2.39; 2.37–2.39; 2.54–2.56; 2.66–2.76; 2.83–2.88

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 (0.00–1.08); RURAL (1.08–2.20); SMALL URBAN (2.20–3.08)

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

Speed: 1–Design, 2–Posted: (15 MPH (2)); 25 MPH (2); 35 MPH (2); 25 MPH (2); 35 MPH (2); (NOT POSTED); (25 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing: (25 MPH (2)) (0.75–0.77)

Traffic StationS (Current Year): B73 5600 00000; (B73 5600 00075); B73 5600 00079; B73 5600 00108; B73 5600 00220

HPMS Sections – AADT 2009: 2,300; (2,300); 5300; 5,300; 5,300

HPMS Sections – AADT

HPMS Sections – AADT

DOD Sections

Census Tracts

Functional Classification: LOCAL ROAD (7)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released
May 2006, D.B.

Revised	
Sept. 06	D.B.
Dec. 07	D.B.
Sept. 10	D.B.
Feb. 11	D.B.