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 2009

N

SCALE

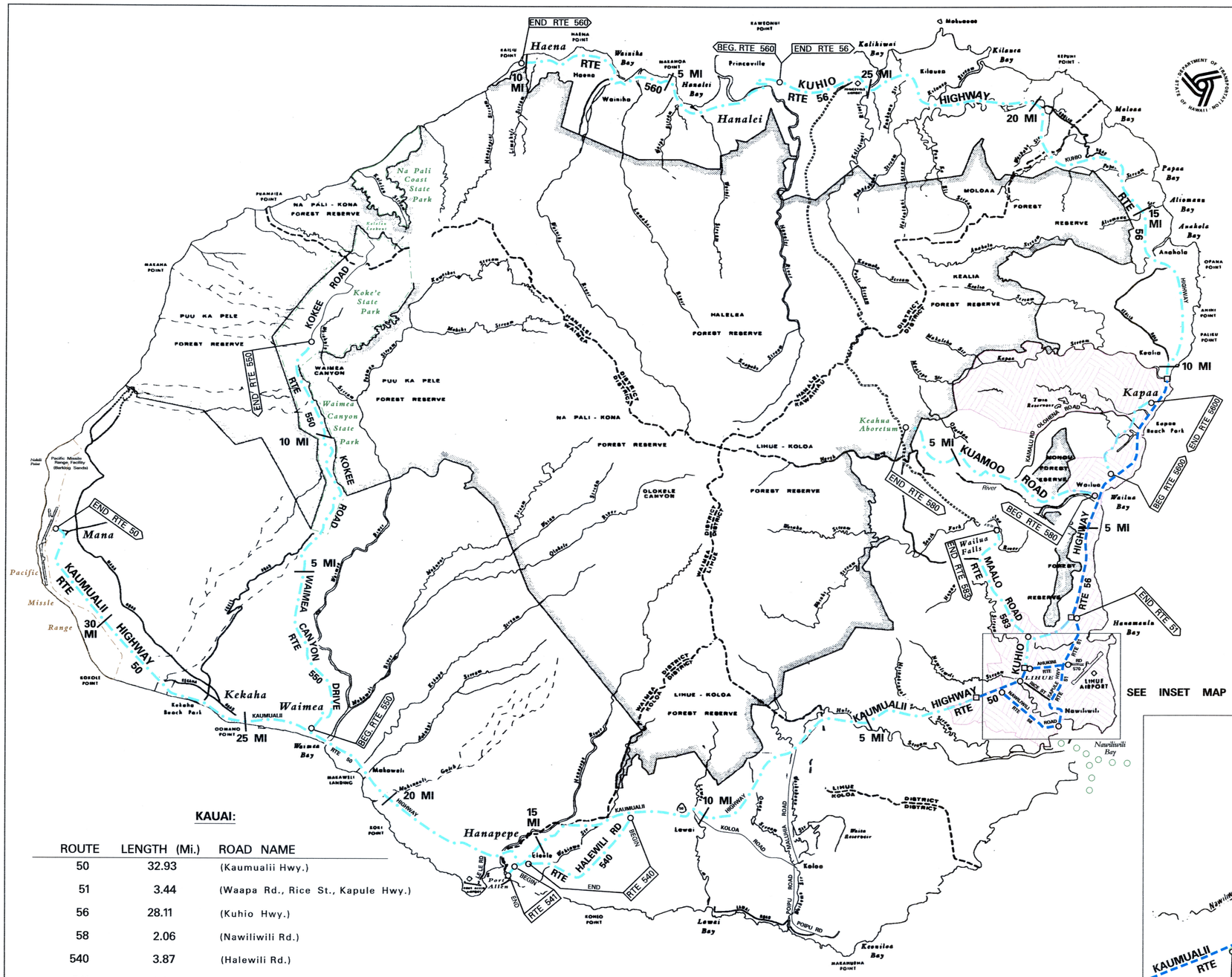
1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS

LEGEND

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

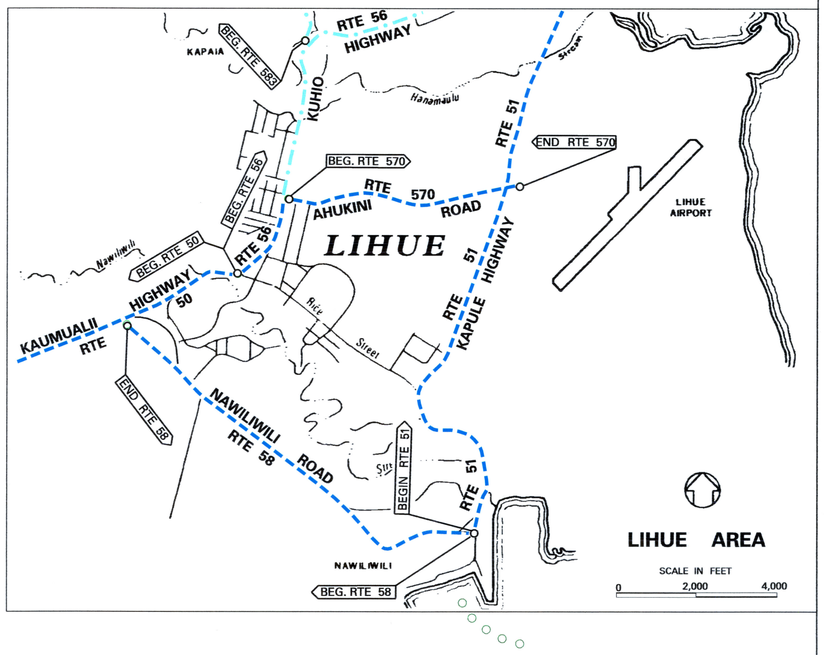
SEE INSET MAP



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 SLD Bullet List for Route Changes



Date Released	
Dec 2002	JK
Revised	
Apr. 04	DB
May 06	DB
Jun. 07	DB

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

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

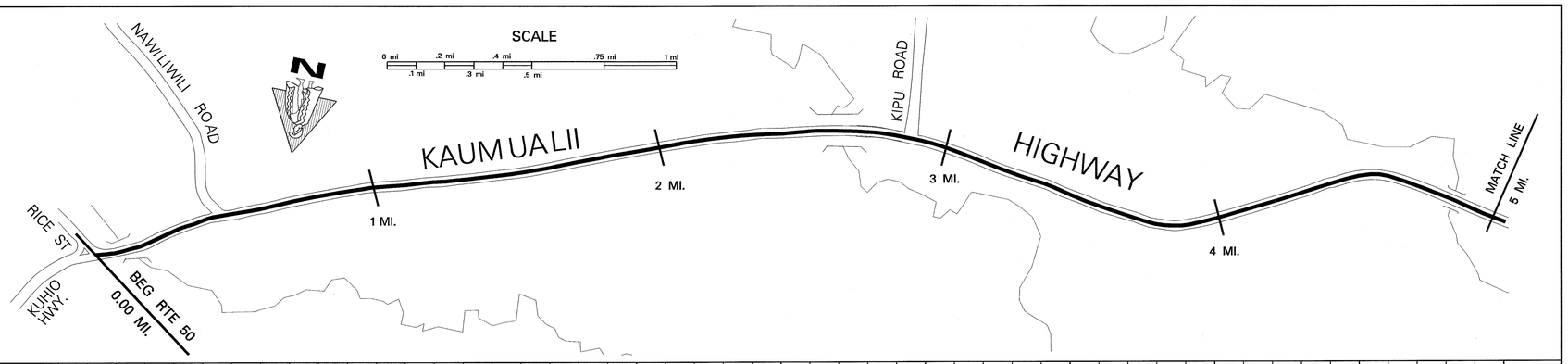
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Conc. Flume 1918 72' | RC FLAT SLAB ON I STRG. (STR), 1936 309' | RC TWIN BOX CULVERT (STR) 1950, H20 25' | PRESTRESSED CONC. GIRDER HS-20-44, 1990 428'

Vertical Clearance: 0.13 0.17 | 2.62 | 4.80

Horizontal Clearance: 38' 24' | 40' | 52'

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' 0.38 80' 0.46 60' 1.46 80' 1.57 60' 1.88 (80') 60' 2.08 80' 2.28 60' 2.83 120' 2.90 60' 2.97 (100') 80' (110') 3.57 3.61 60' 4.19 70' 4.26 130' 4.49 80' 4.67 120' 4.80 (170') 150' 4.96 (60')

Available Right of Way Width (Needs Study): Residential + Commercial 0.21 | Trees + Bushes 0.37 | Sugar Cane 1.06 | Residential 2.02 | Sugar Cane | Trees 4.76

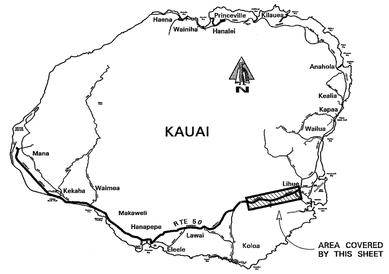
Right of Way Fence: Type – Right and Left: W/W 30' FEP 1.08 1.37 | W/W 1.65 | W/W 30' FEP 4.01 4.31

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

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

Project No., Type of Construction, and Year Constructed: (50E-01-98 Realignment 2001) 0.12 0.17 | 50DE-01-05M (R) 2006 1.79 | 2.91 3.01 (HWY-K-03-04M, RESURF., 2008)

Project No., Type of Construction, and Year Constructed: (LIHUE PLANTATION PROJECT, 1964) 0.02 0.22 (HWY-K-01-78M (R), 1978) | STP-050-1(19), 1998 1.48 | 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. Flume 0.13 mi. | Hoonani Rd. 0.16 mi. | Hala 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 1.01 mi. | Nuhou Street 1.23 mi. | Paved Road (R) 1.23 mi. | End Divided Hwy & Truck Weight Sta. 1.07 mi. | Kilohana Complex 1.33 mi. | Beg Divided Hwy Nani Street 1.39 mi. | Puhi Rd (L)(R) Driveway 1.71 mi. | 1.74 mi. | (Kauai Community College) 1.53 mi. | Beg Divided Hwy Kilohana St. 1.58 mi. | End Divided Hwy Anonui St. 1.83 mi. | Dirt Rd. 1.89 mi. | Dirt Road 2.00 mi. | Rd. to Nursery 2.10 mi. | Road to Brewer Chemical Hoike Maintenance Stn. Culvert 2.46 mi. | Cane Haul Rd. 2.67 mi. | Beg Divided Hwy Kipu Rd. 2.96 mi. | 102+55 | 3 MP | ECB 2.92 mi. | End Divided Hwy 2.88 mi. | KAUMUALII 3.03 mi. | Paved Rd. 3.35 mi. | Cane Haul Rd. 3.47 mi. | 4 MP | Cane Haul Rd. 3.97 mi. | HIGHWAY 3.98 mi. | ECB Begin Divided Hwy 4.55 mi. | Hulaia Bridge (Halfway Bridge) Rd. to Quarry (R) Road (R) 4.73 mi. | End Divided Hwy 4.80 mi. | 4.93 mi.

Indicates Grass & / or Physical Barrier on Median.

CONTINUED ON SHEET #2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type: 8' AC | 0 0.20 | 6' AC 0.39 | 8' AC 0.57 | 4'–10' AC 0.78 | 8' AC 1.76 | 4' AC 1.87 | 6'–8' AC 2.85 | 4' AC 3.39 | 6'–8' AC 3.76 3.85 | 5' AC 4.27 | 6'–8' AC 4.44 | 5' AC 4.48 | 8' AC 4.56 | 4'–6' AC 4.76 | 8' AC 4.84 | 8' Conc. | 8' AC

Pavement: Width and Type: 24' AC 12' AC | 24' AC 0.63 | 12' AC 0.80 | 24' AC 12' AC | 24' AC 1.52 | 12' AC 1.66 | 24' AC 12' AC | 24' AC 2.86 | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC (24' AC)

Shoulder: Width and Type: 2' AC 0.06 | 10' AC 0.16 | 8' AC 0.29 | 4'–8' AC | 0 | 8' AC | 0 | 8' AC 1.52 | 4'–8' AC 1.66 | 0 | 8' AC 1.86 | (6'–8' AC) 2.85 | 0 | 6'–8' AC | 0 | 6'–8' AC 3.36 | 5' AC 3.43 | 6'–8' AC | 5' AC 4.44 | 8' AC 4.48 | 18' AC 4.56 | 8' AC | 0 | (4' AC)

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 4.95

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

Undivided — Pavement: Width and Type: 12' AC | 12' AC | 12' AC | 12' AC | 12' AC | 12' AC

Undivided — Shoulder: Width and Type: 10' AC (4'–8' AC) 0.52 | 8' AC | 8' AC | 8' AC 1.70 | 4' AC | 8' AC | 6'–8' AC | (6'–8' AC) 2.85 2.95 | 5' AC 3.23 3.33 | (6'–8' AC) | 8' AC 4.77 | 8' Conc. 4.85 | 8' AC 4.95 | 4' AC

Number of Traffic Lanes: (2–12' (L) (1–12' (R)) 0.06 | 2–12' | 2–12' 1–12' 0.65 | 1.14 1.23 1.36 | 1.77 1.88 1.89 1.97 | 2.95 | 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): Accel. 0.56 0.69 0.80 0.89 | 1.36 12' TL 1.56 | 1.69 1.96 | 1-12' (R) TL 3.40 | 4.66 4.88

(Right Side): 1–12' (Accel. Lane) 0.51 0.65 0.69 | 1.15 1.23 1.31 1.33 | 1.87 1.74 1.78 | 1.88 1.89 1.98 | 2.86 2.95 | 1-12' (L) TL 2.95 | 1-12' (L) TL 4.63 4.76

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

Sidewalk: Width and Type (Right and Left): 4' Conc. 0.27 | 11 17 (6' Conc.) | (6' Conc. Gutter) 4.87 4.96 4.97

Curb and/or Gutter: Type (Right and Left): (2' Conc. Curb/Gutter) 0.09 0.23 | 2.59 2.77 | 3.79 4.18 4.26 | (6' Conc. Gutter) (6' Conc. Gutter)

Protective Devices: Type, Location and Number: Conc. w/ Metal 0.21 | 1.82 Metal w/ Metal 2.25 | Metal w/ Metal | Metal w/ Metal 4.38 | Metal w/ Metal 4.58 | (Metal w/ Metal)

Illumination: Type, Location and Number: Metal w/ Metal 0.23 | (Wood w/ Wood) 1.33 | Metal w/ Metal (Metal w/ Metal) 2.54 2.65 | (Metal w/ Metal) 2.93 3.04 | Metal w/ Metal 3.33 | Metal w/ Metal 4.78

Luminairs 0.15 | 1.19 | 2.05 2.27

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2) 1.74 | Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling 0.32 | Flat 1.24 | Rolling 2.87 | Flat 3.36 | Rolling

Speed: 1–Design, 2–Posted: 25 MPH ② 0.32 0.37 | 35 MPH ② 2.01 2.20 | 40 MPH ② 3.14 3.41 | 50 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase 0.65 | 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: 16,000 | 16,300 | 20,800 | 22,500

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 (14) 1.74 | Principal Arterial (2)

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

Previous Projects: Project No., Date and Limits: 0.22 STP-050-1(19), 1998 | HWY-K-03-96, 1997 Inter. Imprv. 3.40 | 2.96 STP-050-1(15) (R), 1996 | (HWY-K-03-96, 1977) 2.88 2.97 | (BR-F-050-1(7), 1990 (BRIDG & APPRCH)) 4.53 | (HWY-K-03-82, 1983 (GUARDRAIL & SHOULDER IMPRV.)) 4.67 | 0.23 0.59 0.71 0.94 STP-050-1(15) (R) 1996 | (50E-01-92M (R), 1993) 0.96 | 50 DE-01-86M (R), 1986 | 2.98 50D-01-87M (R), 1987 | 3.94 4.21 50 DE-01-86M, 1986 | 4.49 4.61 LT-K-02-79, 1980 | 1.59 HWY-K-01-76M (R) 1976 | (LIHUE PLANTATION PROJECT, 1964) 0.02 0.15 F-24(2) 1950 | HWY-K-01-78M (R) 0.60 | 1.34 D-50-01-63, 1965 | FAP 12 F, 1937 | 2.97 F12 (17), 1951 | 3.28 3.33 (177+00) D-50-01-65, 1965 | FAP 12-G, 1935 | 4.31 (229+00) | 4.89 FAP 12 I, 1937 | (50-D-03-69 1977)

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.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

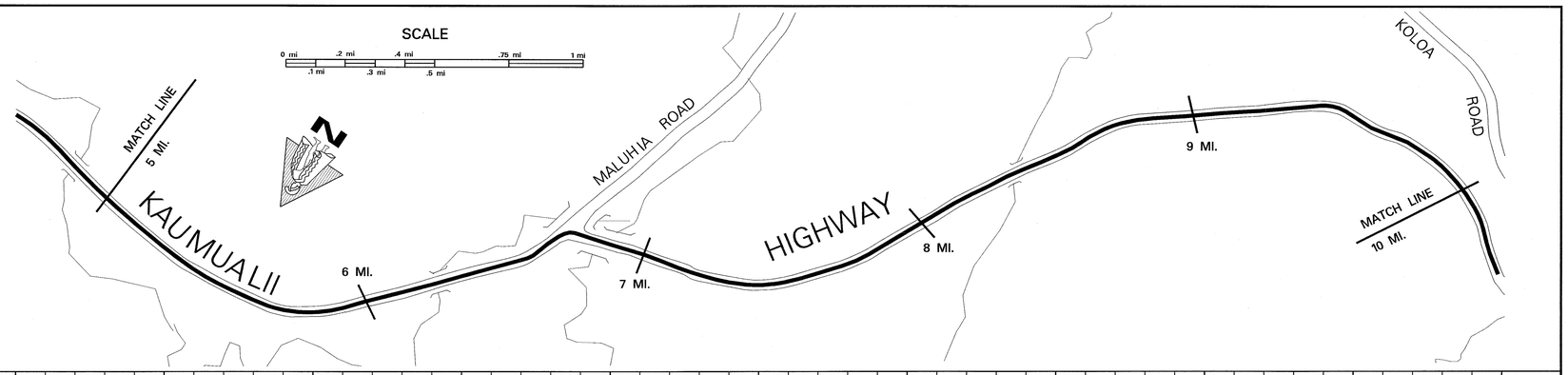
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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

Structure Carrying Road

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

Vertical Clearance: 6.22; 6.80; 8.27

Horizontal Clearance: 24'; 24'; 24'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' 5.46 100' 5.76 60' 6.38 65' 6.56 60' (100') 7.54 7.56 60' (100') 7.83 7.87 60' (200') 8.18 8.22 80' 8.62 60' (80') 8.86 8.87 100' 9.00 60' 9.14 90' 9.42 100' (130') 9.57 (60') 9.63 70' 9.77 80' 9.95 (100') 9.93 (120')

Available Right of Way Width (Needs Study): Trees 5.33; Sugar Cane 7.98; Bushes & Trees

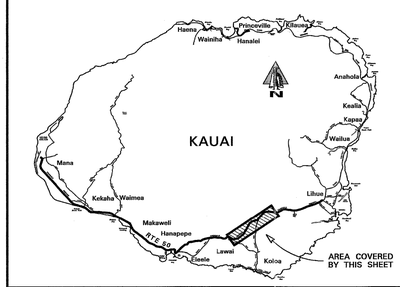
Right of Way Fence: Type – Right and Left: NONE

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

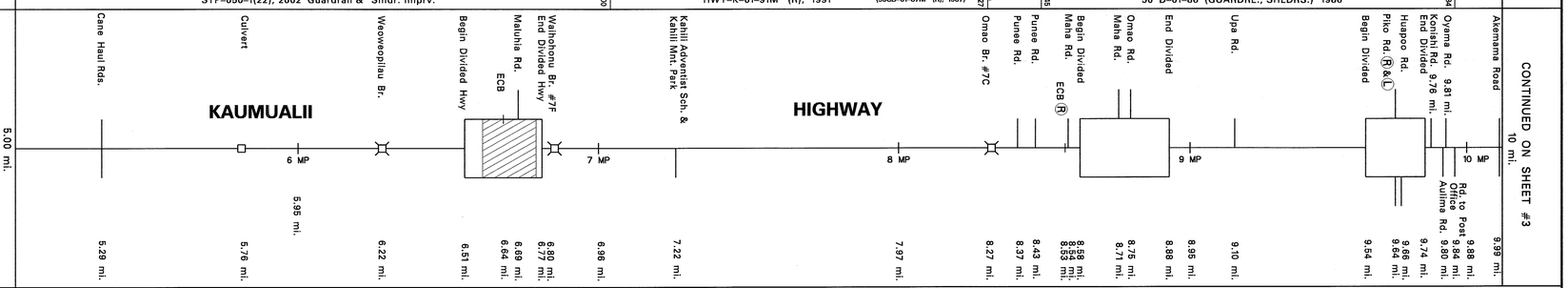
Project No., Type of Construction, and Year Constructed: STP-050-1(22), 2002 Guardrail & Shldr. Imprv. 7.00; HWY-K-01-91M (R), 1991; (50CD-01-87M (R), 1987) 6.27; 8.45; 50 D-01-86 (GUARDRL., SHLDRS.) 1986; 9.84



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; 6' AC; 3' AC; 4' AC

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

Shoulder: Width and Type: (4' AC) 8' AC; 1' AC; 4' AC; 0; 4' AC; (6' AC) 0; 8' AC; 4' AC; 0; 4' AC

Median: Width and Type: (0'–8' Painted AC); 4'–12' Flush Grass; (4'–0' Painted AC); 0'–12' Painted AC; 0'–11' Painted AC

Divided Highway — Divided

Shoulder: Width and Type: 0; 0; 0

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

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

Number of Traffic Lanes: (2–12') 1–12' 2–12' 1–24'; 2–12'; 2–12' 1–12'; 2–12'; 2–12' 1–12'; 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' Accel Lane; 12' Truck Climb Lane (L); 12' Truck Climb Lane (L); 1–90' (L) T.L.; 1–12' (L) T.L.

(Right Side): 12' Turn Lane

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; 6' Conc. Gutter; 4' AC Gutter

Protective Devices: Type, Location and Number: ALL METAL RAILS ON METAL POSTS — (Metal w/ Metal); Metal w/ Metal; Metal w/ Metal; Metal w/ Metal; Metal w/ Metal; Metal w/ Metal

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

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (1)

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

Speed: 1–Design, 2–Posted: 50 MPH ②; 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: (22,500) 24,828; 25,206; 14,300; 9,600; 9,600

HPMS Stations – AADT 2008: (24,202) 24,351; 24,721; 15,755; 15,427; 14,786

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

DOD Sections

Census Tracts

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

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; 50D-01-98, Accel. Ln., 2000; HWY-K-03-82 (GUARDRAILS & SHOULDER IMPROVEMENTS), 1983; (LT-K-02-79, 1980) 50 D-02-88M (R), 1988; HWY-K-01-76M (R), 1976; 50 CD-01-75M, 1975; (50 CD-01-75M, 1975); STP-050-1(16, R, 1993; 50D-02-76, R, 1976; 50D-D-03-69, 1971; 50-01-64, 1964; D-50-01-64, 1964; K-01-72, 1972; WHP-12H, 1935–1937; 50D-01-67, 1968; NRH-12B, 1933; 50D-01-90M, 1990; 50 CD-01-70, 1974; (FAP 12 I, (1937)); NRH-12B, 1933; 50CD-01-75M, 1975; (50D-01-67, 1968)

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

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

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

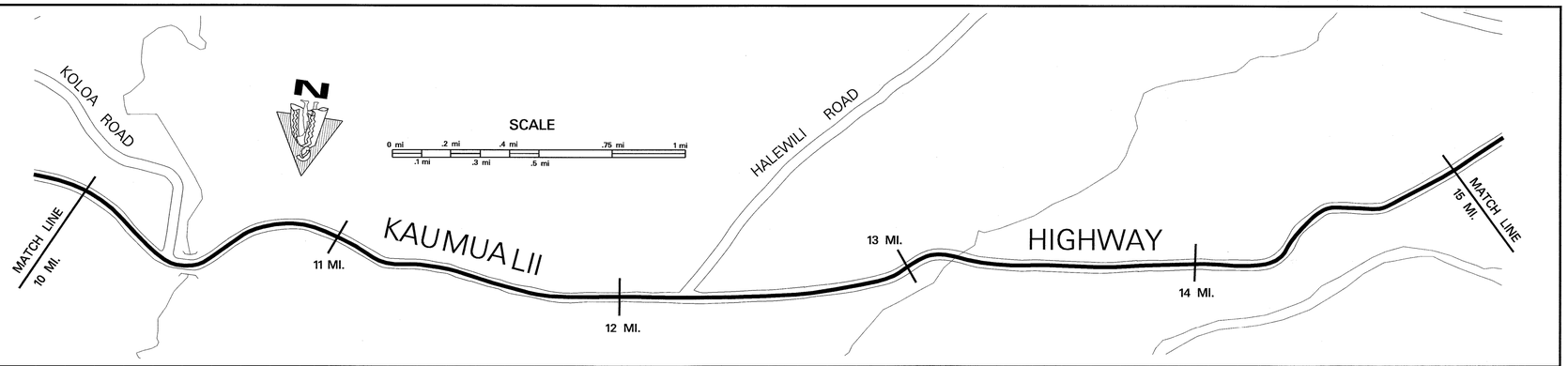
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

50D (8.63MI.) — BEG. 50 D & END 50 C ON KAUMUALII HWY. 100' EAST OF CENTERLINE INTERSECTION OF KOLOA RD. — 50 C (6.65MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- PRESTRESSED CONC. GIRDER 2003, HS–20–44 *BRIDGE WIDENING
- CONT. CONC. FRAME 1936 (STR) ESH15

Vertical Clearance
- 112"
- 180'

Horizontal Clearance
- 60'
- 24'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

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

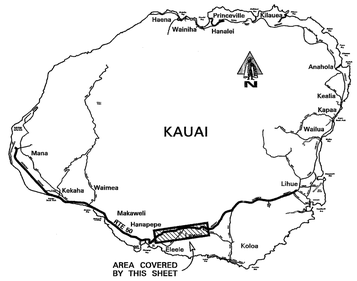
Right of Way Fence: Type – Right and Left
- (Chain Link)
- W/W

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

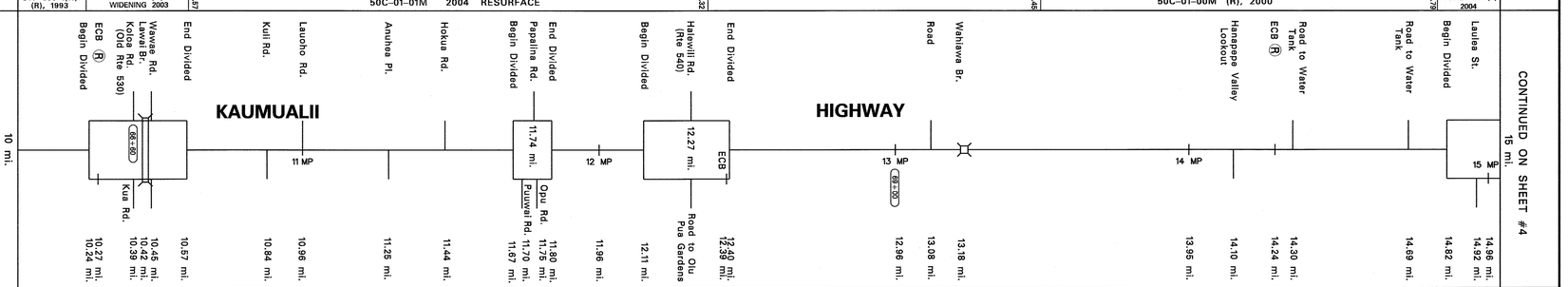
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- 72+60 STATE

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

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



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type
- 4' AC | 6' AC | 4' AC | 6' AC

Pavement: Width and Type
- (24' AC) 36' AC | 24' AC 12' AC | 24' AC | 12' AC 22' AC 24' AC 12' AC | (24' AC) (40' AC) 38' AC | 20' AC | 24' AC | 12' AC

Shoulder: Width and Type
- 4' AC | 0 | 4' AC 7' AC | 0 4'–6' AC 0 | 6' AC | 0

Divided Highway — Median

Median: Width and Type
- 0–6' Painted AC | 0'–10.5' Painted AC | 0'–12' Painted AC | 0'–12' Painted AC

Shoulder: Width and Type
- 0 | 0 | 0 | 0

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

Shoulder: Width and Type
- 4' AC 4'–5' AC (4' AC) | 4'–8' AC (4'–6' AC) | 6' AC | 6' AC

Number of Traffic Lanes
- (2–12') 2–12' 1–12' 2–12' | 1–12' 1–11' 1–10' 2–12' (1–12') | 2–14' 1–10' | 2–10' | 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- 12' Truck Climbing Lanes (L) (All T.Ls 12')
- 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)

(Right Side)

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

Sidewalk: Width and Type (Right and Left)
- 3' Conc.

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

Protective Devices: Type, Location and Number Metal Rails on Metal Posts
- 3' AC Gutter 6' AC Gutter 3' AC Gut

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

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Rural (1)

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

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

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

Traffic Stations (Current Year)
- B73 0050 00964 | B73 0050 01039 | B73 0050 01175 | B73 0050 01227 | B73 0050 01318

HPMS Sections – AADT 2009
- 9,600 | 18,900 | 16,300 | 10,100 | 13,400

HPMS Sections – AADT 2008
- 14,786 | 21,681 | 18,262 | 15,433 | 15,706

HPMS Sections – AADT 2007
- 15,040 | 21,395 | 18,055 | 15,400 | 14,175

DOD Sections

Census Tracts

Functional Classification
- Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits
- STP–050–1(11) (R), 1993 (STP–050–1(11), R, 1993)
- (50CD–01–87M (R), 1987)
- 50C–01–90M (R), 1991
- HWY–K–01–91M, 1991
- STP–050–1(9) (WIDENING), 1996
- STP–050–1(9), 1995
- HWY–K–01–91M (R), 1991
- STP–050–1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995
- 50C–01–87M (R), 1987
- 50C–01–90M (R), 1991
- HWY–K–01–87 SECTION 1 (GARDRAIL & SHLD. IMPRV.), 1987
- HWY–K–01–91M (R), 1991
- 50C–01–87M (R), 1987
- 50D–01–67, 1968
- 50 CD–01–75M, 1975
- HWY–K–01–77M (R), 1977
- 50D–01–67, 1968
- 50–D–02–67, 1967
- 50A–01–71, 1970
- (50CD–01–75M, 1975)
- (50CD–01–70, 1974)
- NRH–12B, 1933
- NRH–12C, 1935
- 50 CD–01–70, 1974
- NRH–12D, 1935
- 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.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

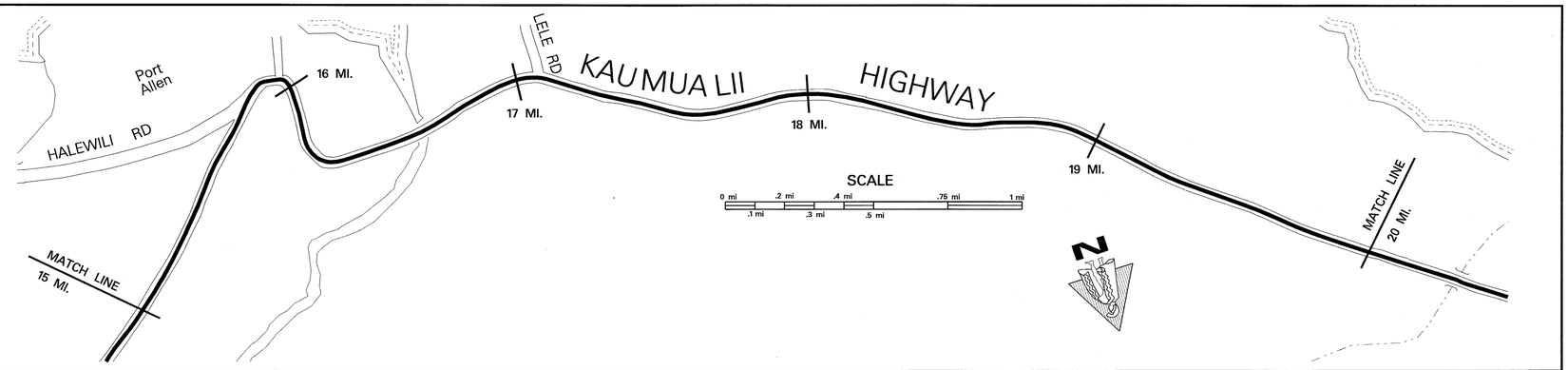
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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. (17.02); 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', 16.67)

Vertical Clearance

Horizontal Clearance

Structure Over Road — Vertical Clearance: RC FLAT SLAB ON STEEL (PED. O.P.), 1939 (15.66); RC FLAT SLAB (PED. O.P.), 1948 (15'-11", 18.74); RC DECK GIRDER (RD), 1948 (15'-02")

Horizontal Clearance: 38'; 24'; (90'); 31'; 40'

Right of Way Width (min.-max.) if varies: 60' (15.17); 80'; 90' (16.87); 110' (16.04); 80' (16.33); (17.09); 80'; 114' (18.81); 80'; 140' (19.45); 80' (19.56); 100'; 80' (19.70); 120' (19.86); 80' (19.92)

Available Right of Way Width (Needs Study): Clear 1000' Sugar Cane (15.26); Commercial/Residential (w/ Sugar Cane); Clear 1000' – Open Field (18.42); Residential (18.98); Sugar Cane

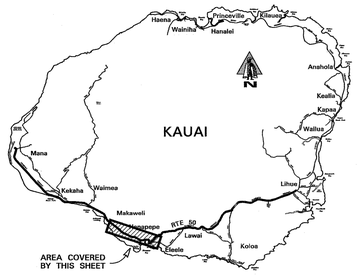
Right of Way Fence: Type – Right and Left: Wood (15.61); Wire on Wood (15.26)

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, 16.56; 272+00, 16.80; 16.90; 16.96; 17.01; 17.04; 17.08); (STP-050-1(14), 1998); (HWY-K-02-98 (IMPRV.), 2000); (HWY-K-02-98 (IMPRV.), 2000); (HWY-K-02-98 (IMPRV.) 2000)

Project No., Type of Construction, and Year Constructed: 50C-02-01M (R) 2004 (15.07, 15.68); 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; Mahea Rd.; Lauliea St.; End Divided; Ulaula Rd.; Mehana Rd.; Eleele Rd.; Halewili Rd. (Rte 541); Spur; Begin Divided; Wailelo Rd. (Rte 541); 16 MP; Eleele Rd.; Road Pedestrian O.P.; Puna Rd.; Kaumualii Hwy. Pltn. Rd. U.P.; Hanapepe Rd.; Paved Road; Kona Rd.; Pepe Rd.; Hana Rd.; Iona Rd.; Hanapepe Br.; Mol. Rd.; Begin Divided; Puolo Rd.; End Divided; Lele Rd.; Hanapepe Rd.; Begin Divided; Culvert; 17 MP; KAUMUALII

ECB (R); Cane Haul Rd.; 18 MP; HIGHWAY

Cane Haul Rd.; Kaumakani Village Rd.; Culvert; End Divided; Kaumakani Rd.; Begin Divided; Pedestrian O.P.; Paved Rd.; Kaumakani Rd.; Paved Rd.; Makaweli Ave.; Soth. 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.; 15.56 mi.; 15.63 mi.; 15.69 mi.; 15.76 mi.; 15.83 mi.; 15.92 mi.; 15.93 mi.; 15.99 mi.; 16.01 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.; 16.80 mi.; 16.84 mi.; 16.87 mi.; 16.89 mi.; 16.90 mi.; 17.02 mi.; 17.05 mi.; 17.66 mi.; 17.93 mi.; 17.95 mi.; 18.32 mi.; 18.46 mi.; 18.54 mi.; 18.55 mi.; 18.57 mi.; 18.62 mi.; 18.74 mi.; 18.87 mi.; 18.89 mi.; 18.91 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 (19.04); 6'-14' AC

Pavement: Width and Type: 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' 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; 6' AC (16.23); 0 (16.52); 6'-14' AC (16.88); 0; 6'-14' AC; 0; 6'-14' AC; 0; 6'-14' AC; 0; 6' AC

Median: Width and Type: 0'-12' Painted AC (15.07); 0'-8' Painted AC (15.38); (15.56); 0'-12' Painted AC (15.83); (15.98); 0'-12' Painted AC (16.72); 0'-8' Painted AC (16.96); (17.05); 0'-12' Painted AC (18.46); (18.57); (18.87); 0'-12' Painted AC (19.11)

Shoulder: Width and Type: 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: 6' AC; 6' AC; 6' 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. (15.56); 12' T.L. (15.82); 12' T.L. (16.40); 12' T.L. (16.86); 12' T.L. (16.92); 12' T.L. (16.74); 11' (L) T.L. (16.79); (16.96); 12' (L) T.L. (18.49); (18.53); 12' T.Ls. (19.05); (19.02); (19.07); (19.34); (19.40); (19.52); (19.57)

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 4' Conc. (15.82); 4' Conc. (16.24); 3' Conc. (18.63); (19.00); (19.07)

Curb and/or Gutter: Type (Right and Left): Curb + Gutter; 4' AC (16.02); 16.27; 4' Conc. (16.03); 16.23; (16.50); (16.87); (16.89); Conc. Curb (18.49); Conc. Curb (18.50); Conc. Curb (18.98); (19.34)

Protective Devices: Type, Location and Number: Metal w/ Metal (15.88); (15.90); (15.97); Metal w/ Metal; (16.54); (17.06); (Metal w/ Metal); Metal w/ Metal (18.12); (18.31); (18.63); Metal w/ Metal (18.97); Metal w/ Metal

Illumination: Type, Location and Number: Metal w/ Metal (15.40); (15.67); (15.86); M/M; (Metal w/ Metal); (16.01); (15.96); M.V.; (16.24); (16.62); (16.66); (16.88); (18.22); (18.88); (19.73)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (1)

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

Speed: 1–Design, 2–Posted: 35 MPH ②; (17.13); 45 MPH ② (17.29); (17.72); 50 MPH ②; (18.29); 45 MPH ② (18.48); 35 MPH ②; (19.06); 45 MPH ② (19.21); (19.07); 35 MPH ②; 50 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: 4 PHASE (16.75)

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

HPMS Sections – AADT 2009: 13,400; 10,700; 18,679; 12,600

HPMS Sections – AADT 2008: 15,706; 18,205; 18,320; 12,213

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

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits

(STP-050-1(14), 1998) (16.75); (16.90); STP-050-1(12) (GUARDRAILS & SHLDR. IMPRV.), 1995; 50C-01-90M (R), 1991 (15.69); (17.01); 50B-02-93M (FOG SEALING), 1994; (HWY-K-01-77M (R), 1977); (15.11); 50A-01-71, 1970; 50A-01-71, 1971 (15.95); 50C-01-76 SAFETY IMPRV. 1992 (16.30); SD-65-364, 1965; (17.04); (17.06); (50B-01-74, 1974); 50B-01-86M (R), 1986; (18.47); (18.99); HES-050-1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990; FAP 12J, 1938; (289+59.61); (17.21); (95+67.7); FAP 29B (1), 1938; (27+20); FAP-F29(4), 1946

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
July 04	D.B.
Jan. 06	D.B.
Feb. 08	D.B.
Dec. 09	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

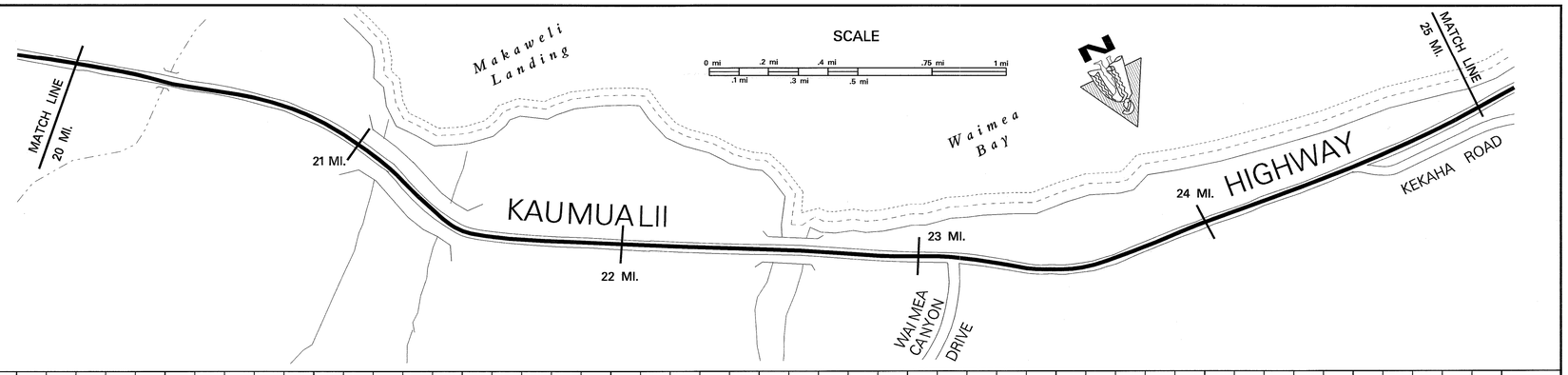
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed				
	TEE BEAM 1948, H20 115' (20.33)	TEE BEAM 1948, H20 50' (21.02)	TEE BEAM 1948, H20 75' (21.35)	TEE BEAM 1940, H20 365' (22.47)
Vertical Clearance				
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' (20.61) 80' (20.64) 120' (20.76) 100' (20.90) 80' (20.98) 90' (21.35) 80' (22.63)

Available Right of Way Width (Needs Study): Sugar Cane (20.33–20.76); Trees + Bushes (20.76–21.50); Sugar Cane (21.50–22.63); Residential/Commercial (22.63–22.96); Residential (22.96–23.35); Ranch/Pasture (L), Sugar Cane (R) (23.35–24.05); Trees & Bushes (24.05–24.48); (Residential (R) Beach (L))

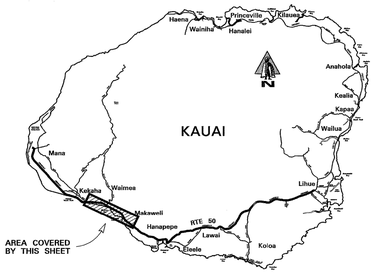
Right of Way Fence: Type – Right and Left: W/W 20' (20.76–21.00); W/W 20' (21.00–21.30); W/W 20' (21.50–22.50); WW / WOOD / WW (23.35–24.05)

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) (20.54–20.70); STP-050-1(25), GUARDRAIL/SHOULDER IMPR., 2005 (20.98–24.48); (F-050-1(1), 1957) (24.34–24.48)

Project No., Type of Construction, and Year Constructed: STP-050-1(18), 1997 (20.70–21.34); 50B-01-00M, Resurf., 2003 (21.34–23.13); 50B-01-67, 1967 (23.13–24.34); BD 66-341 (R), 1967 (24.34–24.48)



Road Diagram
* MP = Milepost Signage

CONTINUED FROM PAGE #4

20 mi.: Makaweli Flume (O.P.) 20.27 mi.; Mahinauli Br. 20.33 mi.; Begin Divided 20.54 mi.; End Divided 20.62 mi.; Makaweli Post Office 20.69 mi.; Paved Road 20.69 mi.; Road to Makaweli Landing 20.82 mi.; Cane Haul Rd. 20.95 mi.; Paved Road 20.99 mi.; Aakukui Br. 21.02 mi.; 21 MP 21.35 mi.; ECB (R) 21.41 mi.; Mahakona Br. 21.50 mi.; Cane Haul Rd. 21.93 mi.; Cane Haul Rd. 21.97 mi.; Gay & Robinson Plantation Rd. 22.28 mi.; 22 MP 22.39 mi.; Waimea Br. 22.47 mi.; Russian Fort Parking Lot 22.59 mi.; Road 22.69 mi.; Ala Wai Rd. 22.78 mi.; Panaco Rd. 22.84 mi.; Halepule Rd. 22.89 mi.; Menehune Rd. 22.94 mi.; Olis Rd. 22.96 mi.; Moana Rd. 23.01 mi.; 23 MP 23.06 mi.; Pokole Rd. 23.08 mi.; Makeke Rd. 23.14 mi.; Roads Waimea Canyon Dr. (Rte 550) 23.20 mi.; Haukal Rd. 23.33 mi.; Brewery 23.74 mi.; Kikiaola Ranch 23.86 mi.; 24 MP 23.93 mi.; ECB 24.40 mi.; Kikiaola Harbor Rd. 24.41 mi.; Kekaha Rd. Culvert 24.48 mi.; Kikiaola Place 24.68 mi.; Mamo Rd. 24.79 mi.; 25 MP 24.93 mi.

CONTINUED ON PAGE #6

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided	Shoulder: Width and Type	6'–14' AC	0 / 8' AC (6' AC) / 4' AC
	Pavement: Width and Type	24' AC	12' AC / 24' AC / 23' AC / 24' AC
	Shoulder: Width and Type	6' AC	0 / 6' AC / 0 / 4' AC
	Median: Width and Type		0'–8' Painted AC
	Shoulder: Width and Type		0
	Pavement: Width and Type		12' AC
	Shoulder: Width and Type		6' AC

Number of Traffic Lanes: 2–12' / (2–12') 1–12' 1–20' / 1–12' 1–11' / 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' (L) TLs (20.57–20.69)

(Right Side): 8' Parking Lanes (22.63–23.11); 8' Parking Lanes (23.11–23.25); 10' Diag Pkg (23.17–23.20); 8' Pkg (23.20–23.25)

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

Sidewalk: Width and Type (Right and Left): 3' Conc. (22.46–23.36); 4' Conc. (22.43–23.13)

Curb and/or Gutter: Type (Right and Left): (Conc. Curb) (22.43–22.50); Conc. Curb (22.81–23.29); (Conc. Curb) (22.50–22.69); Conc. Curb (22.77–23.11); (Conc. Curb + 2' Conc. Gutter) (22.69–22.96); (Conc. Curb + 2' Conc. Gutter)

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

Illumination: Type, Location and Number: (1) M.V. (20.66); M.V. (22.96–23.35); M.V. (24.42–24.54)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling (20.83–22.35); Flat (22.63–24.81)

Speed: 1–Design, 2–Posted: 35 MPH ② (20.41–20.83); 45 MPH ② (20.67–20.83); 50 MPH ② (20.83–22.35); 35 MPH ② (22.35–22.63); 25 MPH ② (22.63–23.40); 35 MPH ② (23.40–23.86); 45 MPH ② (23.86–24.81); 50 MPH ② (24.81–24.62); 45 MPH ② (24.62–24.78); 35 MPH ② (24.78–24.81)

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

Traffic Stations (Current Year): B73 0050 01702 (20.20–22.47); B73 0050 02247 (22.47–23.08); B73 0050 02308 (23.08–24.48); B73 0050 02448 (24.48–24.52)

HPMS Sections – AADT 2009: 12,600; 15,000; 8,800; 5,054

HPMS Sections – AADT 2008: 12,213; 13,968; 10,373; 4,957

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

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits

STP-050-1(18), 1997 (20.36–21.34); STP-050-1(12) (GUARDRL. & SHLDR. IMPRV.), 1995 (21.34–22.50); STP-050-1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995 (22.50–23.13); STP-050-1(10) (R), 1993 (23.13–23.04); BD 66-341 (R) 1967 (23.04–24.34); STP-050-1(13) (R), 1995 (23.04–23.12); LT-K-03-80M (R), 1980 (23.12–24.48); 50B-02-93M (FOG SEALING), 1994 (20.36); (H)(S-050-10) (SHLDR. & GUARDRAIL IMPRV.), 1990; 50B-01-92M (R), 1992 (22.50); 50B-01-86M (R), 1986 (21.39); HW-K-01-78M (R), 1978 (21.39–22.04); FAP 29 A(t), 1938 (22.04–22.78); FAP 29 D(t), 1940 (22.78–22.95); FAP 29D (1), 1941 (22.95–23.12); DAWR 1, 1942 – 1944 (23.12–24.48); (38 + 67.4); (0 + 00); (206 + 00.1); (135 + 00); (492 + 94)

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.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

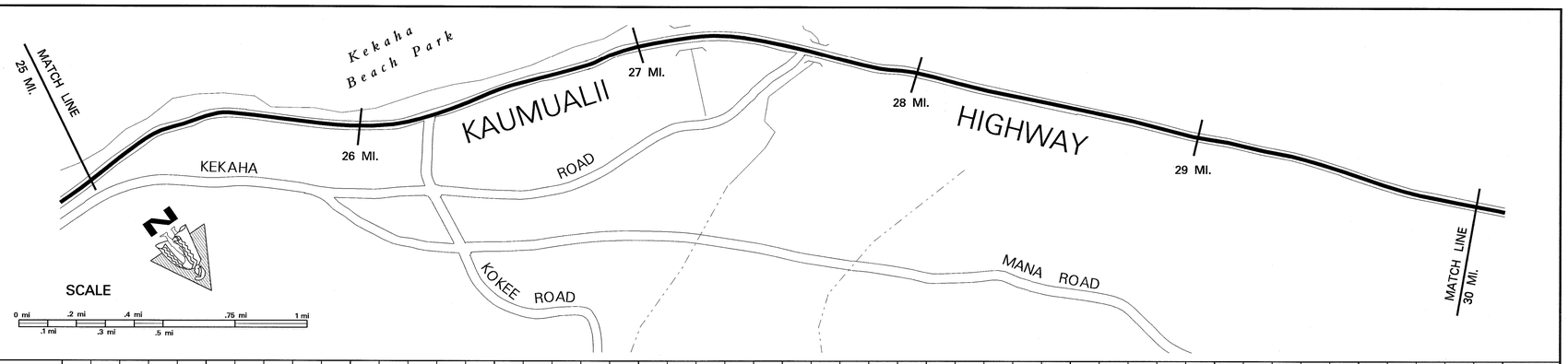
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 A (8.45 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC CONT. FLAT SLAB (CNL) HS–20, 1957 (68' / 42', 27.21); RC FLAT SLAB (CNL) 1957 (33' / 42', 27.07)

Structure Carrying Road — Vertical Clearance: 27.21 / 27.07

Structure Carrying Road — Horizontal Clearance: 68' / 33'

Structure Over Road — Vertical Clearance: 42' / 42'

Structure Over Road — Horizontal Clearance: 42' / 42'

Right of Way Width (min.–max.) if varies: 80' (26.55) / 100'

Available Right of Way Width (Needs Study): Residential (R) Beach (L) (26.55–26.70)

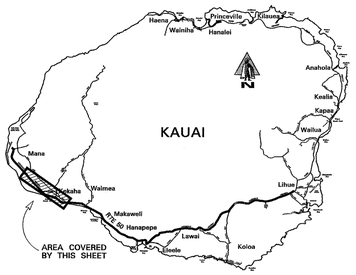
Right of Way Fence: Type – Right and Left: 26.73–26.77 Wood 25' FEP; 26.70–26.71 WW 50' FEP; 26.71–26.81 WW 50' FEP; 26.81–26.96 WW 75' FEP

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (267+00 – 238+20)

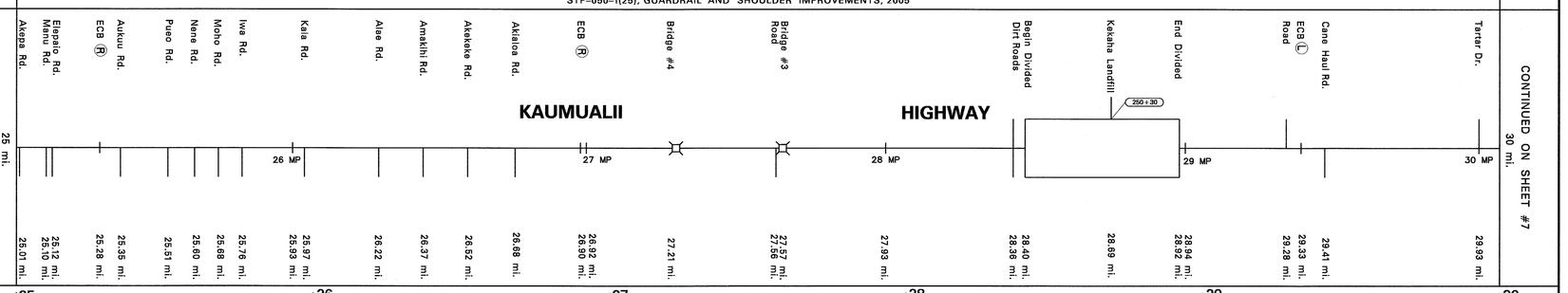
Project No., Type of Construction, and Year Constructed: 50AB-01-08M, Pav't Marking, 2009

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



Road Diagram

MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type: 4' AC (25.08) / 20' AC (25.30) / (4' AC) (25.34–25.35) / 5' AC / (34' AC) (27.19–27.56) / 4' AC / 6' AC

Divided Highway — Undivided — Pavement: Width and Type: 24' AC (25.08) / 22' AC (25.19–25.35) / 24' AC / (12' AC) (28.42) / 11' AC / 22' AC

Divided Highway — Undivided — Shoulder: Width and Type: 4' AC / 6' AC (26.02) / 0 / 6' AC

Divided Highway — Median: Width and Type: 0'–11' Painted AC (28.40–28.92)

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' (25.08) / 2–11' (25.30) / 2–12' / 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 11' TLs (28.42–28.78)

(Right Side): 11' TLs (28.55–28.77)

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

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

Curb and/or Gutter: Type (Right and Left): None (27.19–27.26; 27.56–27.60)

Protective Devices: Type, Location and Number: ALL GUARDRAILS METAL ON METAL (25.08–25.10; 26.01–26.49; 27.24–27.20)

Illumination: Type, Location and Number: M.V. (25.10–25.55); (M.V.) (25.55–26.01); M.V. (26.01–26.27)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (1)

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

Speed: 1–Design, 2–Posted: 35 MPH ② (26.75–26.78); 50 MPH ②

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

Traffic Stations (Current Year): B73 0050 02448 (25.08–26.22); B73 0050 02622 (26.22–26.69); B73 0050 02869 (26.69–30)

HPMS Sections – AADT 2009: 5,054 / 4,600 / 1,800

HPMS Sections – AADT 2008: 4,957 / 4,452 / 2,898

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

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits:
- (F–050–1(1), 1957) (25.08–25.11)
- (BD 66–341 (R), 1967) (25.08–25.34)
- ER–10(2) (STORM DAMAGE RECONSTRUCTION), 1984 (25.11–27.26)
- ER–11(2), 1997 (25.34–25.78)
- (F–050–1(1), 1957) (25.78–25.84)
- STP–050–1(12) (R), 1995 (25.84–26.46)
- 50E–03–68 (R), 1968 (26.46–27.08)
- HWY–K–01–82M (R), 1968 (27.08–28.42)
- STP–050–1(12) (GUARDRL. & SHLDR, IMPRV.), 1995 (28.42–30)
- 50A–01–89M (R), 1990 (28.42–30)
- BD 66–341 (R), 1967 (26.23–26.46)
- LT–K–03–80M (R), 1980 (25.87–26.46)
- DAWR 1, 1942 – 1944 (26.46–27.21)
- (F–50–1(1), 1957) (27.21–27.26)
- (50E–03–68 (R), 1968) (27.26–27.29)
- LT–K–03–80M (R), 1980 (27.26–27.59)
- 50 E–03–68 (R), 1968 (27.59–28.30)
- DAWR 1, 1942 – 1944 (28.30–30)

SCALE: (In Miles) 4" = 1 mile

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

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

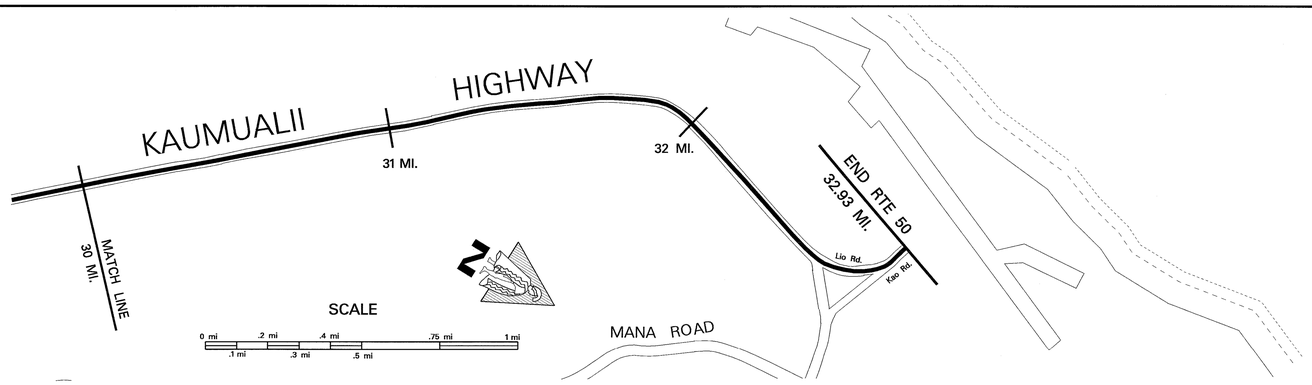
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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

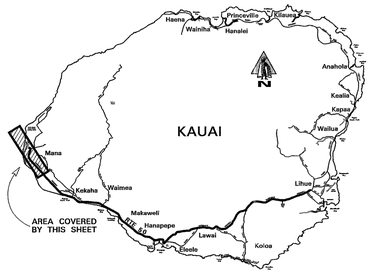
NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



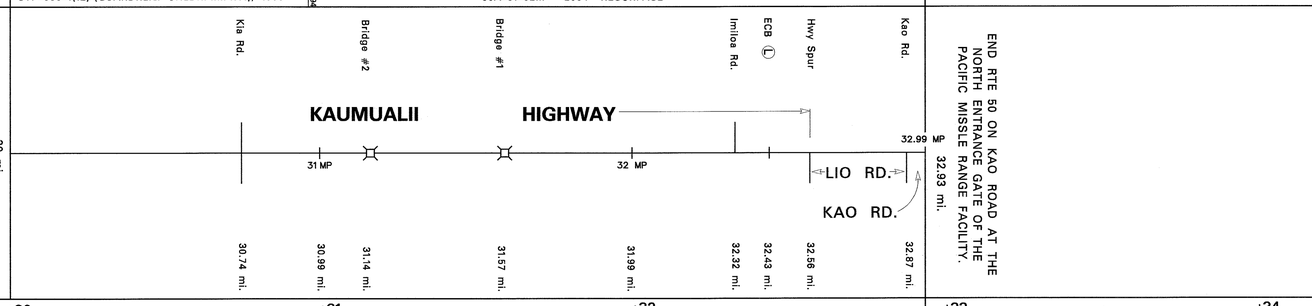
SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Maintenance Control Sections : Length and Description	50 A (8.45 MI.) BEG. 50 A – SAME AS END RTE 50.
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC FLAT SLAB (CNL) HS–20, 1957 41' (31.14); RC FLAT SLAB (CNL) HS–20, 1957 41' (32.57)
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	42' 42'
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	100'
Available Right of Way Width (Needs Study)	1000' Clear (Bushes & Sugar Cane 20' F.E.P.)
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	STP–050–1(25), (GUARDRL.& SHLDR. IMPRV.), 2005 (31.60)
Project No., Type of Construction, and Year Constructed	STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 (30.94); 50A–01–02M 2004 RESURFACE



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Divided Highway, Undivided: Shoulder: Width and Type	6' AC
Divided Highway, Undivided: Pavement: Width and Type	22' AC
Divided Highway, Undivided: Shoulder: Width and Type	6' AC
Divided Highway: Median: Width and Type	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left)	NONE (31.17, 31.14, 31.60)
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 (1)
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 (32.56, 32.87); (B73 0050 03287)
HPMS Sections – AADT 2009	1,800; 617; 736
HPMS Sections – AADT 2008	2,898; 605; 722
HPMS Sections – AADT 2007	3,030; 755 (32.32)
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (6)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 (30.94); 50A–01–89M (R), 1990 (31.17); (F–050–1(1), 1957) (31.18); (31.60); 50A–02–70 (R), 1970 (31.61); (F–050–1(1), 1957) (32.51); 32.54; DAWR 1, 1942 – 1944

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

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

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

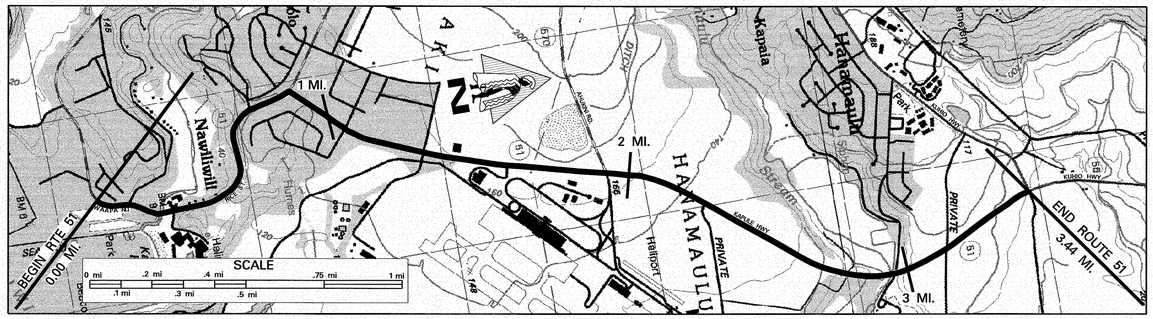
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 (0.21); PRESTRESSED CONC. GIRDER, 1988 HS-20-40 (2.78)
- Vertical Clearance: 50' (0.21); 1140' (2.78)
- Horizontal Clearance: 24'; 40'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (0.11) 50' (0.35) 60' (0.60) 70' (0.95) 60' (1.77) 50' (0.77) 100' (1.98) 160' (2.27) 150'-155' (2.49) 180' (2.66) 190' (2.76) 120'-165' (2.81) 205'-285' (2.86) 120'-195' (3.01) 180'-210' (3.02) 150'-165' (3.15)

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

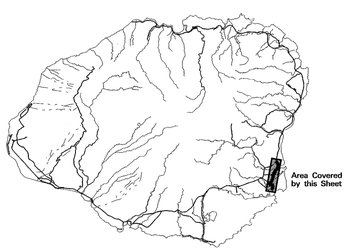
Right of Way Fence: Type – Right and Left: Wire (1.52) (2.46)

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

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

Project No., Type of Construction, and Year Constructed: NH-051-1(10), R, 2002 (0.80); STP-051-1(9), Imprv., 2000 (1.01); (1.20); STP-051-1(20), Imprv., 2000 (1.77); (2.60); 51B-01-00M, 2001, Imprv.

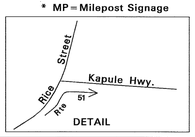
Project No., Type of Construction, and Year Constructed: STP-0700(38), 1998 (0.43); (0.74); (0.84); 51B-01-92M, (R) 1993 (1.50); DP-F-051-1(3), 1975 (1.74); F-051(7), 1988 (2.79); F-051-1(8), '88 (2.99); F-051-1(7), 1988



DETAIL

Road Diagram

* MP = Milepost Signage



Begin Rte 51 on Waapa Road at the Center Line with Nawiliwili Road Intersection. (Rte 58) — 0.00 mi.

ECB; Waapa Rd.; Rice St.; Kapule Hwy; 3.49 MP

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

Begin Divided (0.02 mi.); Lihi St. Begin Divided (0.05 mi.); Driveway End Divided (0.07 mi.); Kalapaki Rd. (0.12 mi.); Nawiliwili End Divided (0.18 mi.); Kauhale St. Begin Divided (0.25 mi.); Marriott Hotel Begin Divided (0.33 mi.); End Divided & Begin Divided (0.38 mi.); Mokoi St. (0.74 mi.); Begin Divided (0.81 mi.); End Divided Rice St. (0.87 mi.); Begin Divided (0.89 mi.); Haleu St. (L) (0.97 mi.); Haoa St. (R) (1.01 mi.); End Divided (1.09 mi.); Road (L) (1.19 mi.); Shore Line Access (R) (1.35 mi.); Military Museum (1.45 mi.); Begin Divided (1.50 mi.); Kaana St. (1.62 mi.); Cane Haul Rd. (1.75 mi.); Ahukini Rd. (Rte 570) (1.94 mi.); End Divided (2.19 mi.); Cane Haul Rd. (2.28 mi.); Hanamaulu Viaduct (2.77 mi.); Begin Divided (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; 2' AC/ 4' Grass (0.87); 10' AC (1.56); 8' AC; 8' PCC; 8' AC
- Pavement: Width and Type: 12' AC; 24' AC; 12' AC; (24' AC); 36' AC; 12' AC; 24' AC; 12' AC; 24' AC (2.77); 24' PCC (2.99); 24' AC; 12' AC
- Shoulder: Width and Type: 0; 8' AC; 8' AC; 0 (0.41); 2'-4' AC; 0; 9' AC; 0; 8'-10' AC; 0; 8' AC; 8' PCC; 8' AC; 0

Divided
- Median: Width and Type: (10' Paint); 10' Paint (0.18); (0.33); (10' Paint) (0.36); (0-8' Painted AC) (0.81); (0.89); (1.01); 6' Painted Median (1.19); (1.60); 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; (4'-8' AC); 8' AC; 10' AC; 8'-10' AC; 8' AC

Number of Traffic Lanes: 2-12' (0.41); 1-12' 2-12' (0.49); (1.16); 2-12' (2.12)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' (0.03); 12' (0.05); 12' (0.09); 12' (0.12); 12' (0.15); (0.36); (0.41); (0.49); (0.57); 10' (0.67); 12' (0.83); 10' (0.86); 12' (1.03); 10' (1.17); 12' (1.55); 12' (1.62); 12' (1.70); 12' (1.84); 12' (1.90); 12' (2.05); 10' (3.19); 12' (3.30)

(Right Side): 12' (0.10); 12' (0.12); 12' (0.36); 12' Truck Climb Lane (0.41); 16' (0.81); 12' (0.90); 10' (1.00); 12' (1.62); 12' (1.70); 12' (1.86); 16' (1.89); 12' (2.02)

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

Sidewalk: Width and Type (Right and Left): 4' Conc. (0.17); (0.42); (0.57)

Curb and/or Gutter: Type (Right and Left): BP Curb (0.36); Conc. Gutter (0.74); (1.18); (Conc. Curb); AC Curb; 2' Conc. Gutter (2.74); (3.02); 2' Conc. Gutter; AC Curb

Protective Devices: Type, Location and Number: (0.18); (0.22); (0.46); Metal Rails on Concrete Posts; (1.24); (1.45); (1.56); (2.68); M/M; M/M; (3.03); (3.16)

Illumination: Type, Location and Number: (0.02); M.V.; (0.17); Inc.; (0.37); (0.76); 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 (2)

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

Speed: 1–Design, 2–Posted: 25 MPH (2) (0.69); 35 MPH (2) (1.02); (1.16); 40 MPH (2) (1.76); 35 MPH (2) (2.18); 50 MPH (2) (3.34); 35 MPH(2) (3.44)

Intersection Control Devices: Type, Location and Cycle Timing: Stop Sign (0.74); 4 Phase (0.84); (1.49); Traffic Light (1.50); (1.62); 4 Phase (1.94); (2.05); (2.44); 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; 17,500

HPMS Sections – AADT 2008: 12,842; 12,486 (0.12); (0.41); 14,394 (0.81); (14,394); 14,481 (1.94); 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 (14)

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

Previous Projects: Project No., Date and Limits: (STP-058-1(2), Realign, 1993); (50E-05-69, 1969, Resurf. & Truck Climb); 0.08; 51A-01-88M, (R) 1988 (0.79); (0.90); DP-F-051-1(3), 1975 (1.74); F-015-1(7), 1988; County 0.09; FAP E-12-A, 1932; 50E-05-69, 1969 (0.67); (0.88); DP-F-051-1(3), 1974 (2.00); (2.78); F-051-1(8), 1988 (2.99); (FAP-E-12-A, 1932)

SCALE: (In Miles) 4" = 1 mile

Date Released	
April 04,	D.B.
Revised	
Sept. 10	D.B.

ROAD INVENTORY

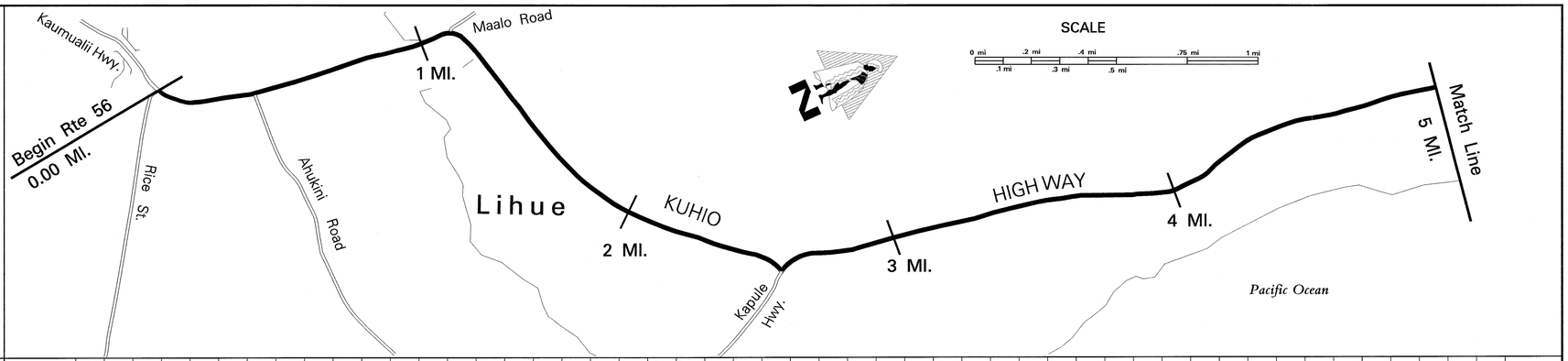
KAUAI RTE 56
KUHIO HIGHWAY

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 _____

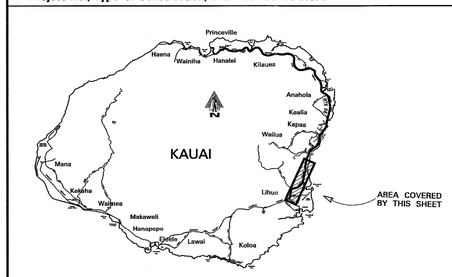


SCALE: (In Miles) 4" = 1 mile

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.)

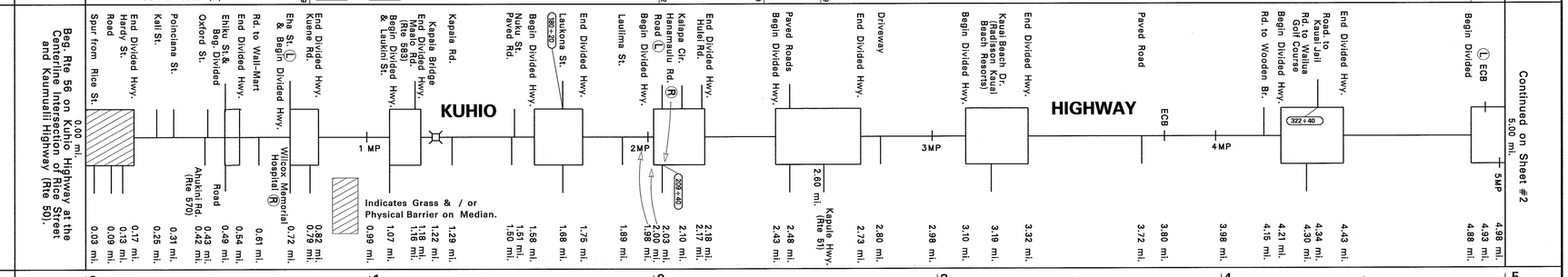
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Tee Beam (STR) 1933 H15
Vertical Clearance: 1.22 — 157'
Horizontal Clearance: 27'
Structure Over Road — Vertical Clearance
Horizontal Clearance

Right of Way Width (min.–max.) if varies: 85' (0.14) 50' (0.92) 70' (0.98) 80' (1.06) 60' (1.29) 120' (1.38) 80' (1.43) 65' (1.72) 70' (1.90) 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
Project No., Type of Construction, and Year Constructed: (50E-01-98, 2001 (REALIGNMENT)) 0.12 56A-01-00M 2004 RESURFACE (133+47.30) (56A-01-04M, RESURF., 2005) 0.80 0.97 1.01 56A-01-04M, RESURF., 2005 (223+82.59) 2.42 (303+55) 3.98 STP-0700(58), GUARDRAILS, 2008 (352+99) 4.92
Project No., Type of Construction, and Year Constructed: 56A-01-89M (R) 1989 0.78 (139+00) (144+50) 56A-01-93M (R) 1994 2.02 56A-01-90M (R) 1991 2.39 F-051-1(7) 1988 2.98 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: 2'–8' AC (42" AC) 0' | 2' AC | 2'–5' AC (21" AC) | 4' AC (23" AC) | 6'–10' AC | 4' AC | 6'–8' AC | 40' AC | 6' AC | 8' AC | 6' AC | 4' AC
Pavement: Width and Type: 24' AC (12" AC) | 40' AC (22" AC, 43" AC) | 30' AC (20" AC) | 33' AC (31" AC) | 20' AC | 30' AC | 11' AC (12" AC) | 12' AC (24" AC) | 31' AC (32" AC) | 24' AC (4" AC) | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 36' AC | 12' AC | 36' AC | 12' AC | 36' AC | 12' AC
Shoulder: Width and Type: 0' (0.13) | 0' | 0' (0.61) | 0' | 0' (4' AC) | 2'–4' AC (0' (0.63)) | 0' | 7' AC | 4' AC (0' (0.63)) | 0' | 4' AC (8'–10' AC) | 0' | 4' AC | 0' | 6' AC (2' AC) | 0' | 6' AC (2' AC) | 0' | 6' AC

Divided — Median: Width and Type: 4'–6' Raised Conc. (6' Raised AC) | 0'–12' PT | 0'–10' Painted AC | 0'–10' Painted AC | 0'–10' Painted AC | 0'–10' Painted AC | 0'–12' Painted AC | 0'–10' Painted AC | 0'–10' Painted AC | 0'–18' Painted AC
Shoulder: Width and Type: 0' | 0' | 0' | 0' | 0' | 0' | 0' | 0' | 0'
Pavement: Width and Type: 24' AC | 20' AC | 23' AC | 12' AC | 11' AC | 12' AC | 12' AC | 12' AC | 12' AC | 24' AC | 24' AC
Shoulder: Width and Type: 0' | 4' AC (0' (0.51)) | 0' (0.53) | 0' | (1–11') | 4' AC | (2–4") | 4' AC (7' AC) | (7' AC) | 4' AC | 8'–10' AC | 4' AC | 4' AC | 4'–6' AC | 2' AC | 6' AC | 6' AC

Number of Traffic Lanes: (1–12') (2–11') 4–12' | 4–10' | 2–10' | 2–10' | 2–12' | 1–11' | 2–12' | 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.Ls | 10' T.Ls | 10' Truck Climbing Lane (R) | Bus Lane | 12' T.Ls | 10' T.Ls | (12' Accel Lane)
(Right Side)
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 | 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, 2' Gutter 0.19 | Conc. Curb | 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 0.30 (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 (2)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) | 0.78 Mountainous (3) | 1.51 Rolling (2) | 2.04 Flat (1)
Speed: 1–Design, 2–Posted: 25 MPH (2) | 1.30 35 MPH (1) | 1.58 25 MPH (2) | 2.34 35 MPH (2) | 2.70 50 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing: 0.00 3 Phase | 0.31 3 Phase | 0.42 2 Phase | 0.61 3 Phase | 0.72 3 Phase | 1.69 2 Phase | 2.60
Traffic Stations (Current Year): B73 0056 00000 | 0.46 B73 0056 00042 | B73 0056 00072 | B73 0056 00116 | B73 0056 00168 | B73 0056 00260
HPMS Sections – AADT 2009: 17,200 | 16,500 | 18,615 | 21,600 | 14,300 | 34,100
HPMS Sections – AADT 2008: 24,965 | 0.42 | 18,590 | 0.72 | 18,257 | 1.18 | 18,723 | 1.69 | 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 (14) | Minor Arterial (16) | Principal Arterial (14)
National Highway System (NHS): On NHS (1) | 0.42 Not NHS (0) | 2.60 On NHS (1)
Previous Projects: Project No., Date and Limits:
2.59 STP-056-(41) (R) 1999
(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 3.04 STP-056-1(40) 1998
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.

ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

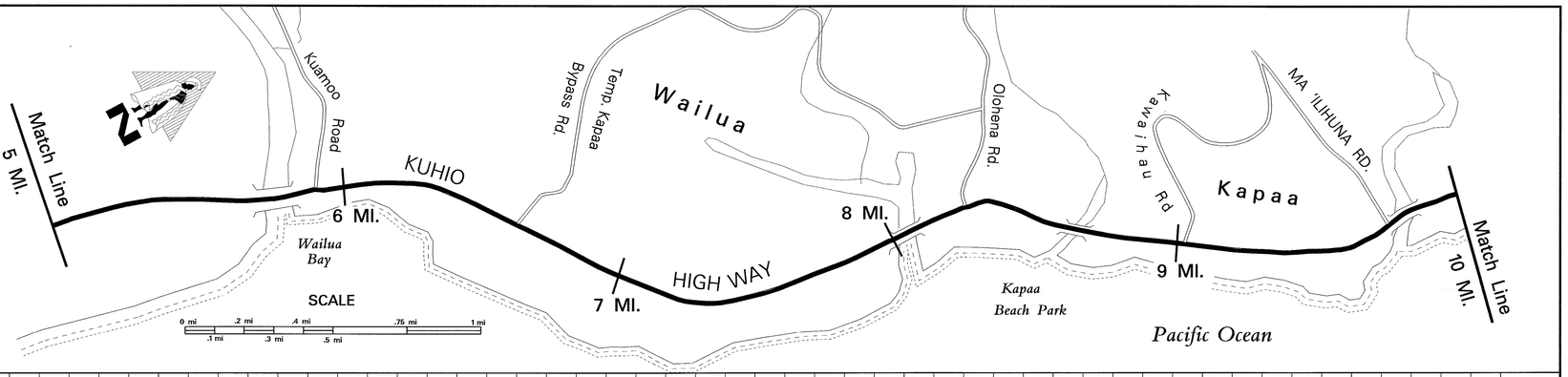
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 Intersection with Mailihuna Rd. (9.86)

56B (3.68 MI.)

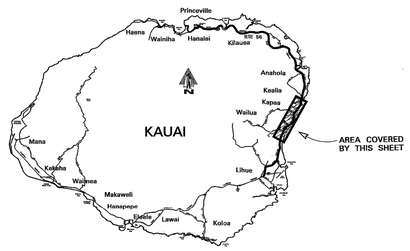
Structure Carrying Road

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

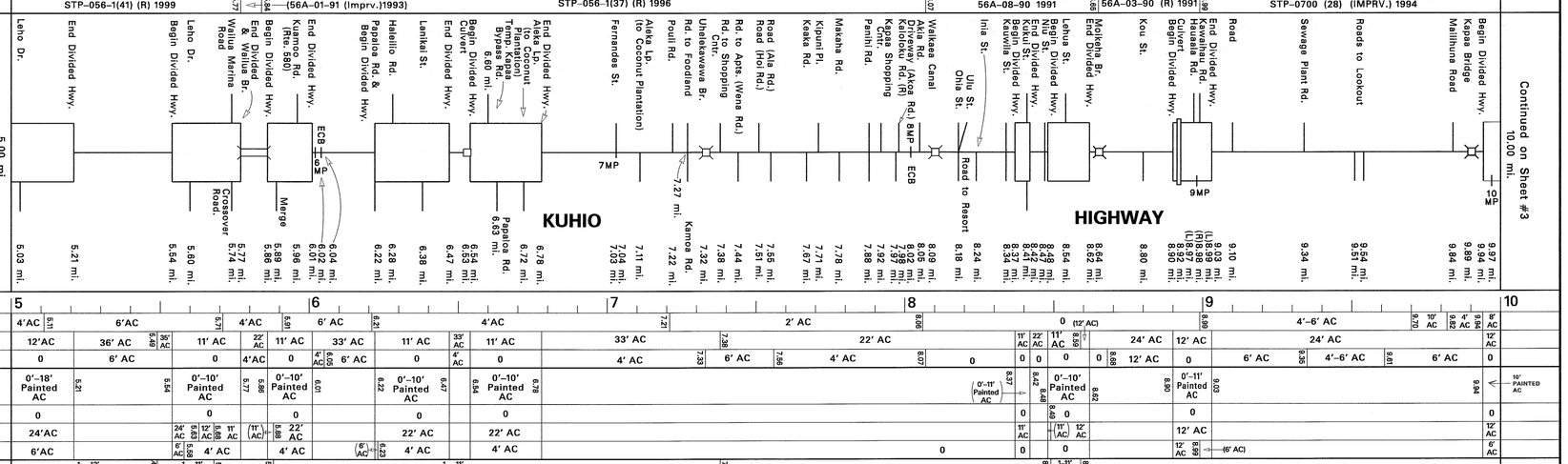
Vertical Clearance	
Horizontal Clearance	(Varies 50'–90') | (70')

Right of Way Width (min.–max.) if varies	100' | 5.14 | 60' | 5.69 | 80' | 6.12 | 60' | 8.16 | 70' | 8.38 | 60' | 8.59 | Varies 80'–120' | 8.81 | 50' | 9.06 | 9.13 | 50' | 9.22 | Varies 50'–80' | 9.52 | 9.54 | 60' | 9.65 | 50' | 9.82 | 9.87 | 9.92 | 100'
Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't)	Clear 1000' – Sugar Cane 20' FEP | 5.85 | Residential | 6.38 | (Sugar Cane – Clear 1000') | 6.52 | Resort / Residential | 9.03 | Open Range | 9.74 | Residential
Right of Way Fence: Type – Right and Left	2' FEP Chain Link 8.46 | 8.52 | 30' FEP W/W 9.26 | 9.39
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	(STP–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005) | State
Project No., Type of Construction, and Year Constructed	HWY-K-03-00 Imprv. 2003 5.24 | 5.89 | 5.96 | 5.84 | 6.32 | 56A–01–92 (IMPRV.) 1993 | 7.36 | (BR-STP-056-1(35), 2001 BRIDGE WIDENING) 8.05 | 8.23 | 8.91 | 9.03 | (56A–01–97 ((L) TURN LANE) 1998) | 9.61 | 56B–01–01M 2004 (R)
Project No., Type of Construction, and Year Constructed	STP–056–1(41) (R) 1999 | 5.77 | (56A–01–91 (Imprv.)1993) | STP–056–1(37) (R) 1996 | 8.07 | 56A–08–90 1991 | 8.65 | 56A–03–90 (R) 1991 | 8.99 | STP–0700 (28) (IMPRV.) 1994



Road Diagram

* MP=Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided — Shoulder: Width and Type	4'AC | 5.11 | 6'AC | 5.71 | 4'AC | 5.91 | 6' AC | 6.21 | 4'AC | 7.27 | 2' AC | 8.06 | 0 (12' AC) | 8.59 | 4'–6' AC | 9.70 | 10' AC | 9.82 | 4' AC | 9.92 | 8' AC
Undivided — Pavement: Width and Type	12'AC | 36' AC | 5.49 | 35' AC | 11' AC | 22' AC | 11' AC | 33' AC | 11' AC | 33' AC | 11' AC | 33' AC | 7.38 | 22' AC | 11' AC | 22' AC | 11' AC | 8.59 | 24' AC | 12' AC | 24' AC | 12' AC
Undivided — Shoulder: Width and Type	0 | 6' AC | 0 | 4'AC | 0 | 4' AC | 6' AC | 0 | 4' AC | 0 | 4' AC | 7.33 | 6' AC | 7.56 | 4' AC | 8.07 | 0 | 0 | 0 | 0 | 8.68 | 12' AC | 0 | 6' AC | 9.35 | 4'–6' AC | 9.61 | 6' AC | 0
Median: Width and Type	0'–18' Painted AC | 5.21 | 5.54 | 0'–10' Painted AC | 5.77 | 5.88 | 0'–10' Painted AC | 6.01 | 6.22 | 0'–10' Painted AC | 6.47 | 6.54 | 0'–10' Painted AC | 6.78 | (0'–11' Painted AC) | 8.37 | 8.42 | 0'–10' Painted AC | 8.49 | 8.62 | 0'–11' Painted AC | 8.90 | 9.03 | 9.94 | 10' PAINTED AC
Shoulder: Width and Type	0 | 0 | 0 | 0 | 0 | 0 | 8.49 | 0 | 0 | 0 | 0
Pavement: Width and Type	24'AC | 24' AC | 5.63 | 12' AC | 5.69 | 11' AC | (11' AC) | 5.88 | 22' AC | 22' AC | 22' AC | 11' AC | 8.49 | 11' AC | 12' AC | 12' AC | 12' AC
Shoulder: Width and Type	6'AC | 6' AC | 5.63 | 4' AC | 4' AC | (6' AC) | 6.23 | 4' AC | 4' AC | 0 | 0 | 0 | 12' AC | 8.99 | (6' AC) | 6' AC

Number of Traffic Lanes	1 – 12' | 2 – 12' | 1 – 11' | (1 – 12') | 2 – 11' | 1 – 11' | 2 – 11' | 2–11' | 1–11' | 1–12' | 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' TLs | 2-Way (L) TL | 10' (L)TLs | 10' Parking | 1-10' ACC. LN
(Right Side)	2-Way (L) TL | None | 2-Way (L) TL | 10' Parking
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	5' Conc. | 8.98 | 6' Conc. | 6' CONC.
Curb and/or Gutter: Type (Right and Left)	(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
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 | 6.60
Area and Development:	Small Urban (2) | (Rural (1))
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	34,100 | 35,607 | 11,700 | 21,500 | 23,827 | 12,700 | 20,600 | 15,000 | (13,600)
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 (6))
Functional Classification	Principal Arterial (14)
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 | 56A–03–90M (R) 1991 | (56B–01–89M 1989 (R)) | (HWY-K-01-77M (R) 1977) | (56A–01–67 (R) 1967) | (56C–01–87M 1987) | LT–K–02–79 (SHLDR. & GUARDRAIL IMPRV.) 1980 | 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.

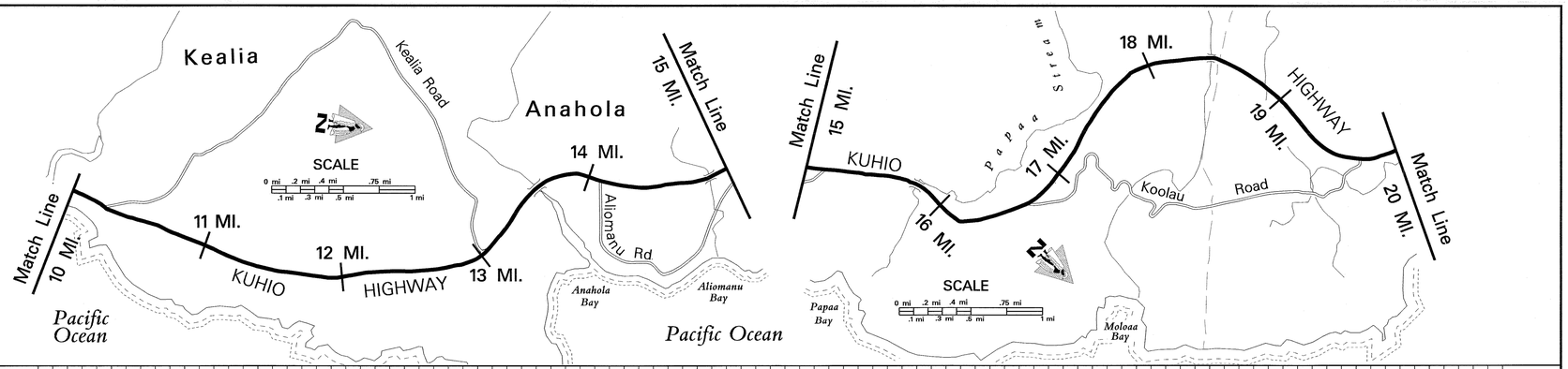
ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

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. (13.54) — 56 C (9.82 MI.)

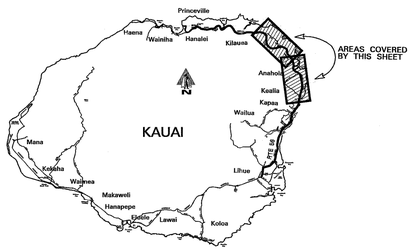
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC Box Girder (STR) 1960 214'; RC RGD FM FL SL (STR) 1960 20'; RC Deck Girder (GTR) 1957 68'; Prestressed Conc. Girder (STR) 1965 240'
Vertical Clearance	13.58; 14.93; 15.88; 16.47
Horizontal Clearance	28'; 28'; 40'; 28'

Structure Over Road

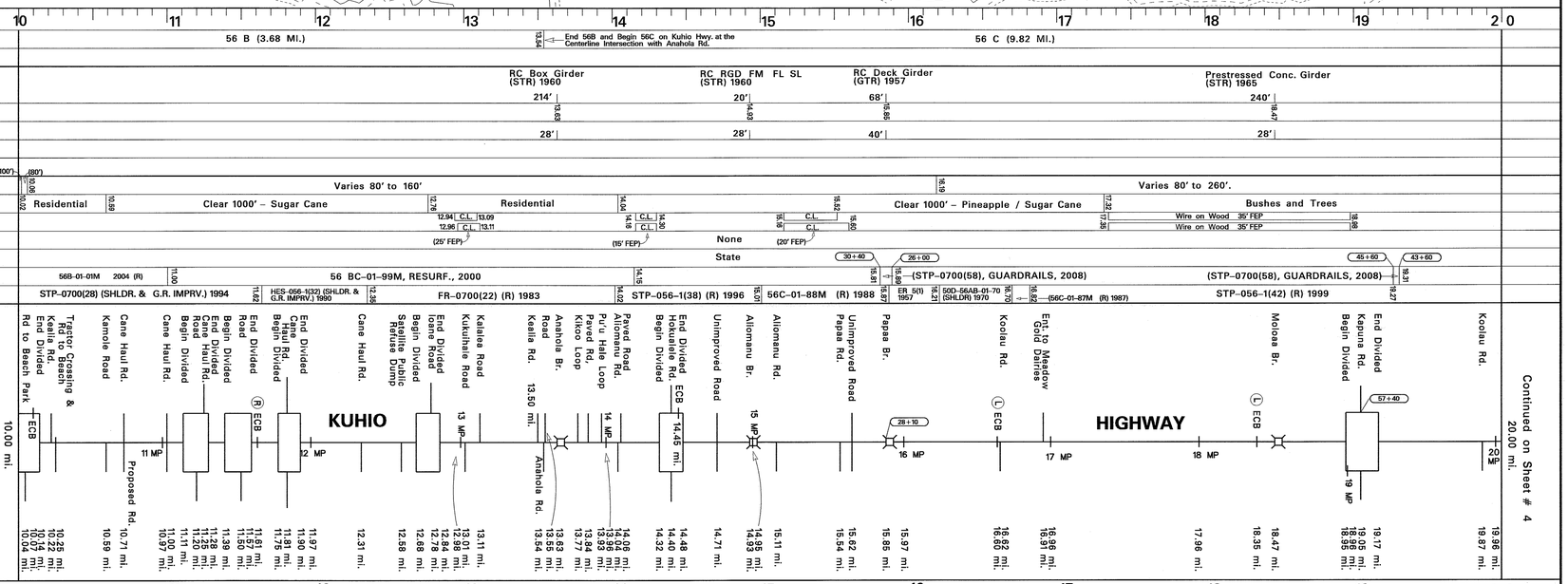
Vertical Clearance	
Horizontal Clearance	(100') (80')

Right of Way Width (min.–max.) if varies	10.06; 10.22; 16.19; Varies 80' to 160'; Varies 80' to 260'.
Available Right of Way Width (Needs Study)	Residential; Clear 1000' – Sugar Cane; Residential; Clear 1000' – Pineapple / Sugar Cane; Bushes and Trees
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't.)	C.L. 12.94 13.09; C.L. 12.96 13.11 (25' FEP); C.L. 14.04 14.16; C.L. 14.06 14.20 (15' FEP); C.L. 16.42 16.56; C.L. 16.44 16.58 (20' FEP); Wire on Wood 35' FEP; Wire on Wood 35' FEP
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	56B-01-01M 2004 (R); 56 BC-01-99M, RESURF., 2000; (STP-0700(58), GUARDRAILS, 2008); (STP-0700(58), GUARDRAILS, 2008)
Project No., Type of Construction, and Year Constructed	STP-0700(28) (SHLDR. & G.R. IMPRV.) 1994; HES-056-1(32) (SHLDR. & G.R. IMPRV.) 1990; FR-0700(22) (R) 1983; STP-056-1(38) (R) 1996; 56C-01-88M (R) 1988; ER 5(1) 1957; 50D-56AB-01-70 (SHLDR) 1970; (56C-01-87M (R) 1987); STP-056-1(42) (R) 1999



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided — Shoulder: Width and Type	8' AC; 6' AC; 12' AC; 6' AC; 11' AC; 10' AC; 6' AC; 4' AC; 6' AC; 8' AC; 4'–12' AC; 4' AC
Undivided — Pavement: Width and Type	12' AC; 24' AC; 11' AC; 22' AC; 24' AC; 12' AC; 24' AC; 24' AC; 22' AC; 11' AC; 22' AC
Undivided — Shoulder: Width and Type	0; 6' AC; 8' AC; 6' AC; 0; 6' AC; 0; 4' AC; 6' AC; 0; 6' AC; 6' AC; 6'–8' AC; 10' AC; 0; 6' AC; 4' AC; 6' AC; 4'–8' AC; 4' AC; 0; 4' AC
Median: Width and Type	10' Paint AC; 0'–10' Painted AC; 0'–12' Painted AC; (0'–10' Painted AC); 12.68; (10' AC); (0'–11' Painted AC); (0'–12' Painted AC); 0'–11' Painted AC
Shoulder: Width and Type	0; 0; 0; 0; 0
Pavement: Width and Type	12' AC; 11' AC; 11' AC; 11' AC; 12' AC; 12' AC; 11' AC
Shoulder: Width and Type	6' AC; 6' AC; 6' AC; 6' AC; (10' AC); (6' AC); 4' AC

Number of Traffic Lanes	2–12'; 2–11'; 2–12'; 2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1–10' accel. ln; 1–10'; 11' T.Ls.; 11' T.Ls.; 11' T.L.
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	6' conc; None
Curb and/or Gutter: Type (Right and Left) (All Gutters 2' Concrete)	6' conc; Type 2 Conc. Gutter; Type 2 Conc. Gutter; Type 2 Conc. Gutter
Protective Devices: Type, Location and Number (M/M= Metal Rail on Metal Post. M/C= Meta Rail on Concrete Post. W/C= Wood Rail on Conc. Post.)	M/M; M/M; M/M;

ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

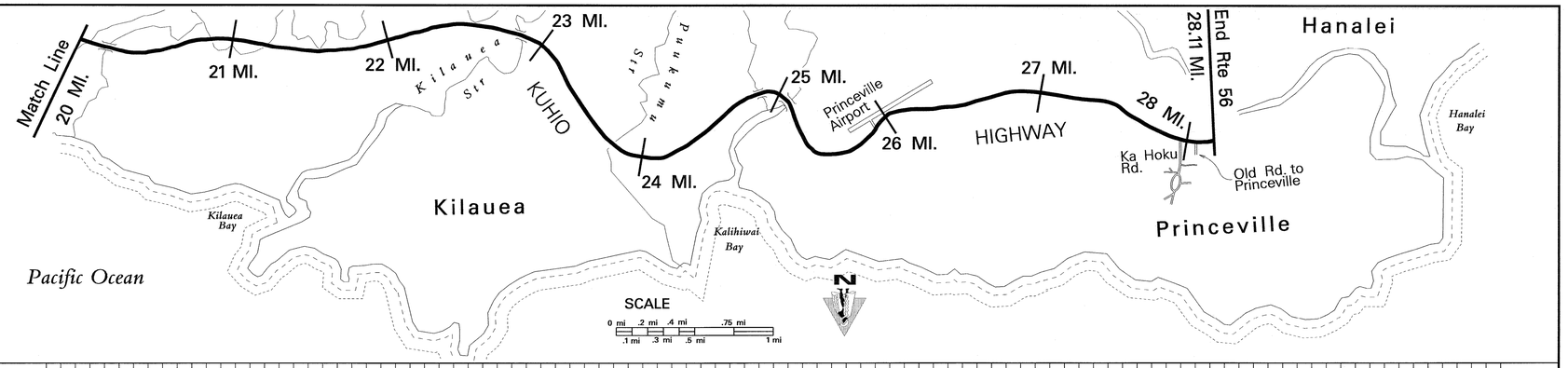
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	28.11	MILES (a+b)
a. Existing Length:	28.11	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.11	MILES (a+b, less c)
a. Existing Length:	28.11	MILES
b. Temporary Length:	None	MILES
c. Length used as T.W. for another Route:	None	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

56C (9.82 MI.) — End 56C – Begin 56D on Kuhio Hwy, at the Centerline Intersection with Kolo Rd. (23.36) — 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') (20.38); Prestressed Beam 1973 HS20 (258') (22.92); RC Slab Br. 1963 (CHN) (50') (24.90); Prestressed Conc. 1963 (RW) (798') (25.01)

Vertical Clearance: 20.38 / 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') 20.14; 60'–500' 22.16; 100'–200' 23.55; 100' (200') 23.76; 100' (Varies 110'–160') 23.86; Varies 160'–295' (Varies 175'–210') (100') 24.27; 130' (Varies 300'–360') (Varies 160'–165') 25.47; 40' 25.65

Available Right of Way Width (Needs Study): (Bushes & Trees) 20.30; Clear 1000' Sugar Cane 23.06; Residential 23.62; Trees 25.56; Grass & Small Trees 27.86

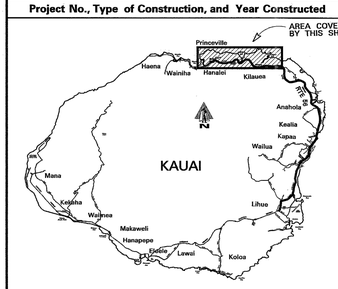
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't): Wire on Wood 35' FEP; Wire on Wood 35' FEP; Wire on Wood 10'–20' FEP; Wire on Wood 10'–20' FEP

Control of Access: 1–None, 2–Partial, 3–Full: None 25.75

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

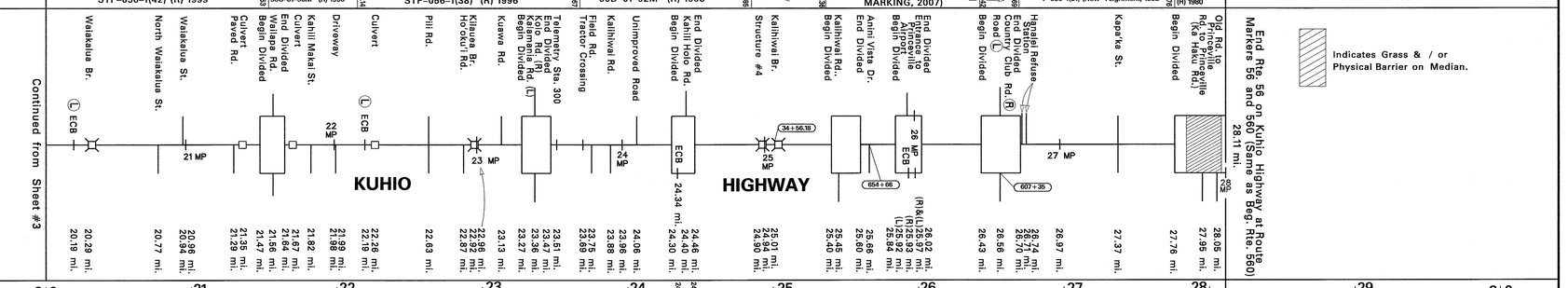
Project No., Type of Construction, and Year Constructed: 23.26 (HWY-K-02-98, IMPRV. 2000) 23.47; 42+51; 15+65; 657+20; 614+50; 600+50; 598+23; STP-0700(58), GUARDRAILS, 2008 25.67; (HWY-K-01-07M, PAVEMENT MARKING, 2007) 26.42; 26.69; 26.74; F-056-1(31) (New Alignment) 1993 27.76; LT-K-03-80M (R) 1980

Project No., Type of Construction, and Year Constructed: STP-056-1(42) (R) 1999 21.53; 56C-01-90M (R) 1990 22.14; STP-056-1(38) (R) 1996 23.67; 50D-01-92M (R) 1993 24.65; (HWY-K-01-07M, PAVEMENT MARKING, 2007) 26.42; F-056-1(31) (New Alignment) 1993 27.76; LT-K-03-80M (R) 1980



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 4' AC (20.13); 6' AC; 8' AC (22.15); 4' AC (23.86); 8' AC (24.20); 10' AC (24.35); 4' AC; 8' AC

Pavement: Width and Type: 22' AC; 11' AC (22.28); 22' AC; 24' AC; 12' AC; 24' AC (23.61); 22' AC; 11' AC; 22' AC (24.65); 24' AC (26.15); 22' AC; 12' AC; 20' AC; 10' AC; 20' AC; 12' AC; 20' AC; 10' AC

Shoulder: Width and Type: 4' AC (20.15); 6'–12' AC; 0; 6'–12' AC; 16' AC (22.47); 6'–12' AC (22.69); 0; 8' AC (23.69); 4'–8' AC; 0; 4'–8' AC; 0; 6' AC; 0; 6' AC; 0; 6' AC; 0; 2' AC; 0

Median: Width and Type: 0'–10' Painted AC (21.47); 0'–10' Painted AC (23.27); 0'–12' Painted AC (24.20); 0'–20' Painted AC (25.40); 0'–12' Painted AC (25.84); 0'–12' Painted AC (26.43); (6'–12' Raised Grass) (0'–6' Painted AC) (27.76); (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; 10' AC; (11' AC); (12' AC); 10' AC

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

Number of Traffic Lanes: 2–11' (21.61); 2–12' (22.88); 2–12' (23.86); 2–11' (24.65); 2–12' (25.15); 2–11' (25.84); 2–12' (26.26); 2–10' (26.70); (1–12') (1–11') (26.82); (2–12') 2–10' (27.65)

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

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

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 (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1); Mountainous (3) 23.74; Flat (1) 25.74; Rolling(2) 26.89; Flat (1) 27.54

Speed: 1–Design, 2–Posted: 50 MPH (2); 40 MPH (2) 22.62; 50 MPH (2) 23.34; 40 MPH (2) 23.41; 50 MPH (2) 23.42; (45 MPH (2)) 24.46; 35 MPH (2) 24.65; 35 MPH (2) 25.45; 40 MPH (2) 25.74; 35 MPH (2) 27.37

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: 11,999; 12,000; 13,700; 12,400

HPMS Sections – AADT 2008: 11,768 (20.77); 13,635 (23.36); 13,684 (25.92); 12,557

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

DOD Sections

Functional Classification: Minor Arterial (6)

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

Previous Projects: Project No., Date and Limits: 23.67 50D-01-92M (R) 1993; 25.65 F-056-1(31) (New Alignment) 1993; 27.76

56C-01-90M (R) 1990 22.14

(56C-01-87M (R) 1987) 14; STP-056-1(36) 1998 26.42; 26.15

(50D-56AB-01-70 1970)

50D-01-92M (R) 1993

(S-0660(2) U-2 1963) 20.13; F-056-1(8) 1967; 22.14; DP-RF-056-1(10) (New Alignment) 1973; 23.67; HWY-K-01-77M (R) 1977; (ER-7(1) U-2 1963) 24.15; HWY-K-01-77M (R) 1977; 25.65; COUNTY; 27.52; 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.

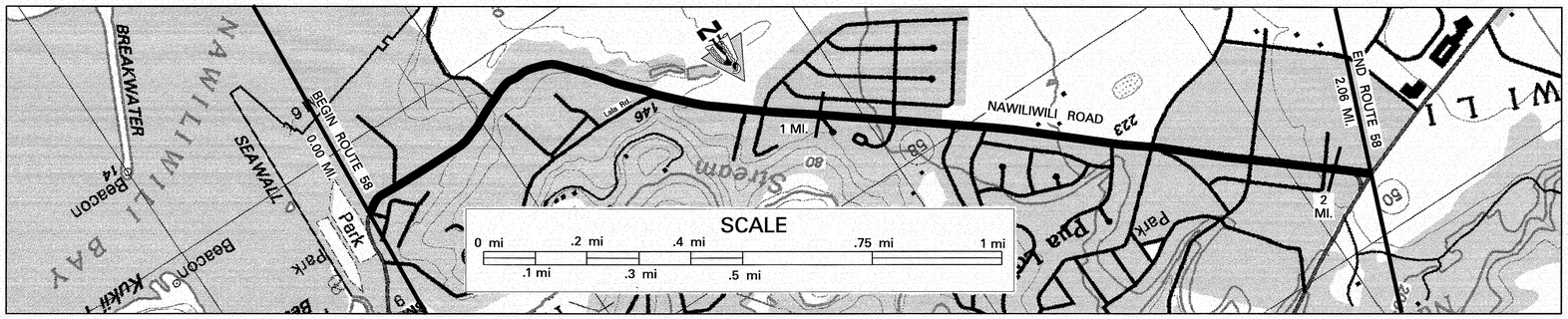
ROAD INVENTORY
KAUAI RTE 58
NAWILIWILI ROAD

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' (0.34) 100' (0.15) 207' (0.20) 140' (0.28) 150' (0.32) 110' (0.42) 90' (0.51) 110' (0.56) 100' (0.64) 80' 1.67 120'

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

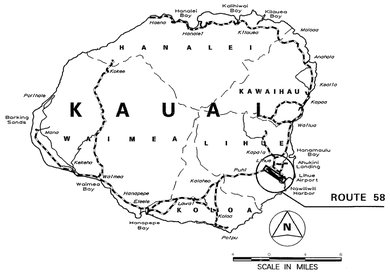
Right of Way Fence: Type – Right and Left: 1.71 6' Chainlink 1.84 1.86 6' Chainlink 6' Chainlink 1.98 6' Chainlink

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

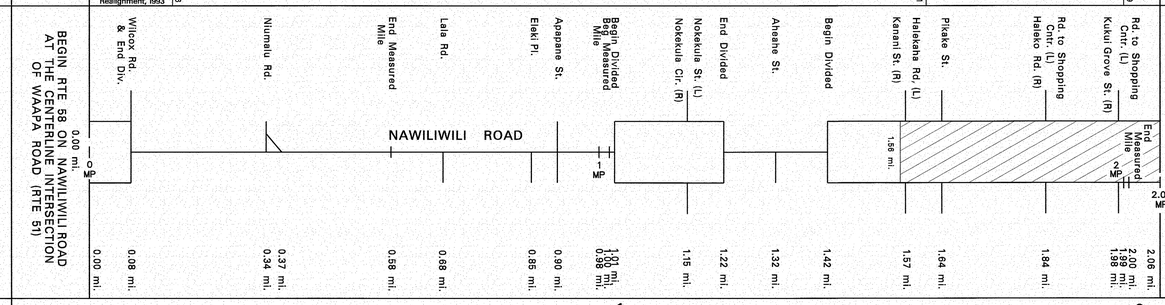
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: NH–051–1(10) 0.10 Resurf., 2002; NH–058–1(3), Resurface, 2002

Project No., Type of Construction, and Year Constructed: STP–058–1(2), Realignment, 1993 0.18; 58A–01–88M, Resurface, 1988 1.61; F–058–1(1), 1991 1.99



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 8' AC; 10' Dirt (0.15); 4' AC; 1.88; 10' AC; 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
- 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; 1.97; 0

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): All 12' T.Ls.; 10' (L) T.Ls.; 0.08; 0.16; 0.62; 1.01; 1.15; 1.27; 1.72; 1.84; 1.98; 2.04
(Right Side): All 12' T.Ls.; 0.05; 0.08; 1.05; 1.20; 1.75; 1.84; 1.92; 1.98

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

Sidewalk: Width and Type (Right and Left): 1.69 4' Conc. 1.07; 1.81; 1.98 Concrete Curb

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

Protective Devices: Type, Location and Number: All Guardrails M/M; 0.11; 0.34; 0.51; 0.66; 1.67; 1.77; 1.84; 1.98

Illumination: Type, Location and Number: 0.13; 0.29; None; 1.46; 61 HPS

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2)

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

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

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

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

HPMS Sections – AADT 2009: 11,100; 9,800; 7,094; 12,019; 12,019

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

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

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (14)

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

Previous Projects: Project No., Date and Limits
0.11 HWY–K–01–87 Improvements, 1987 0.68
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.

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

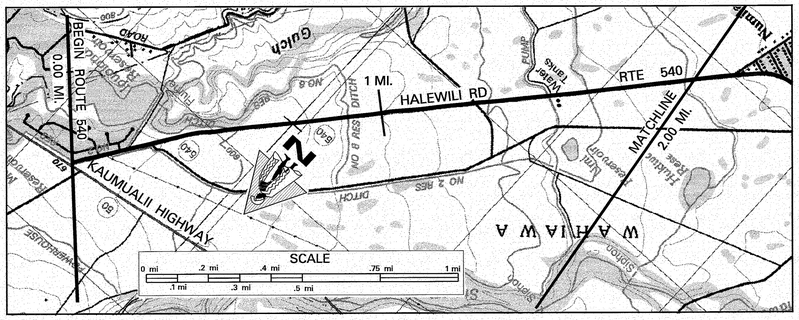
Total Route Length: 3.87 miles

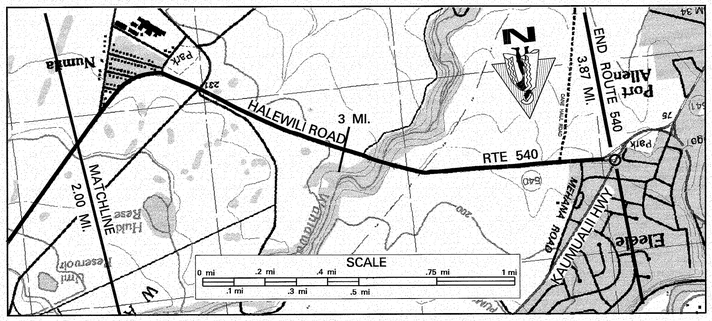
a. Survey Length: 3.87 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' (0.02–1.02) 1.06–.69 60' (2.34–2.47) 80' (3.69–3.92) .92–3.69 65'

Available Right of Way Width (Needs Study): Clear 1000' – Sugar Cane 20' from E.P. 2.34 Residential 2.43 Clear 1000' – Sugar Cane 20' from E.P.

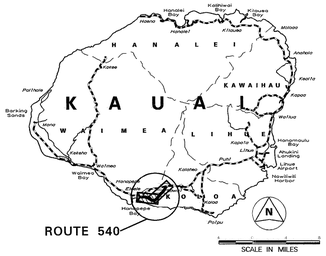
Right of Way Fence: Type – Right and Left: None

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) 0.02 (200+68) STP–0540(3), (R), 2007 (72+10) 1.06

Project No., Type of Construction, and Year Constructed: (STP–050–1(9) (Realignment), 1996) 0.26 0.13 (STP–0700–(35) SHLDR & GRD. RL. IMPROV. 1997) STP–0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS (540A–01–02M 2004 RESURFACE) 3.71 (12+00)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

0.04 mi. Culvert Kau Wai St. 0.08 mi. Haku Hale St. End Divided 0.14 mi. 0.16 mi. (123+25) HALEWILI ROAD 1 MP 0.99 mi. 1.29 mi. Coffee Haul Rd. 1.55 mi. 1.54 mi. Water Tank Culvert 2 MP 1.99 mi. 2.12 mi. McBryde Mill Rd. 2.38 mi. 2.51 mi. Cane Haul Crossing (Kauai Coffee) Rd. to Park 3 MP 2.93 mi. 3.08 mi. 3.06 mi. 3.16 mi. Wahiawa Br. Quarry Dr. 3.68 mi. 3.78 mi. 3.95 MP Ramp Begin Divided Huehu Rd. Road (L) 3.85 mi. 3.84 mi. End Route 540 on Halewili Road at the East E.P. of Kaumualii Hwy (RTE 50). 3.87 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 6' AC — 3.07 12' AC 3.22 6' AC
- Pavement: Width and Type: (12' AC) — 24' AC — 2.97 (12' AC)
- Shoulder: Width and Type: 0 — 6' AC — 2.86 12' AC 6' AC 12' AC 6' AC — 0

Divided Highway — Median

- Median: Width and Type: (0'–12' Grass (Flushed) w/ AC Fringe (No Shoulder) & AC Curb)
- Median Barriers: (0'–12' Painted AC) — 3.94
- 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'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (1–12') (1–14')

(Right Side):

Frontage Road: No. of Lanes, and Width (Right and Left): 2.86 2.97

Sidewalk: Width and Type (Right and Left):

Curb and/or Gutter: Type (Right and Left): 0.16 0.17 0.18 0.17 0.46 0.54 0.86 0.91 0.83 1.02 1.52 1.57 1.48 1.54 2.19 2.35 2.15 2.19 2.26 2.31 3.07 3.26 3.06 3.23 3.53 3.71 3.68

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

Illumination: Type, Location and Number:

Curves: Degree of Curvature (Right and Left):

Superelevation (Range):

Grades: % Grade, Positive or Negative:

Vertical Curve: Crest or Sag, Curve Limits:

Area and Development: Rural (1)

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

Speed: 1–Design, 2–Posted: (Not Posted) 35 MPH (2) 0.21 35 MPH (2) 0.03 — 50 MPH (2) — 2.05 35 MPH (2) 2.86 — 50 MPH (2) — 3.52 45 MPH (1) 3.85 35 MPH (1) 3.78 — (25 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing:

Traffic Stations (Current Year): B73 0540 00000

HPMS Sections – AADT 2009: 2,200

HPMS Sections – AADT 2008: 2,297

HPMS Sections – AADT 2007: 2,265

DOD Sections:

Census Tracts:

Functional Classification: Major Collector (7)

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

Previous Projects: Project No., Date and Limits:

0.06 STP–0700–(35) (Shoulder and Guardrail Improvements), 1997 — 540A–01–02M 2004 RESURFACE

0.07 (STP–050–1(9) (Realignment), 1996) — 1.03 HWY–K–01–91M (Resurface), 1991 — 3.11 3.18 HWY–K–01–91M (Resurface), 1991

540A–01–72 (Resurface), 1972 — 3.09 3.25 540A–01–72 (Resurface), 1972

FAS 5A(1), 1939 — 1.50 — S–5(2), 1950 — (RS–540(1), 1974) — 3.95 Sta. 0+55.15 (Spur – Port Allen Leg)

Sta. 127+84.80 — Sta. –1+55.07 — Sta. 79+44.07

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY
KAUAI RTE 541
WAIALO ROAD

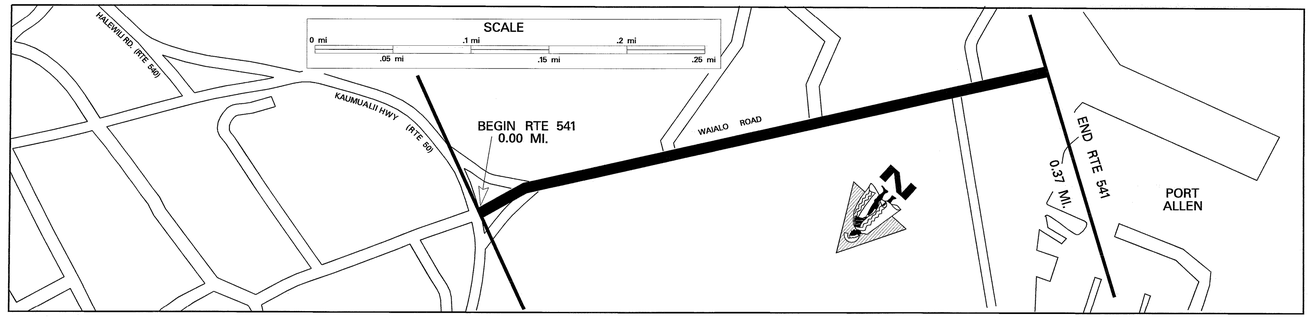
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

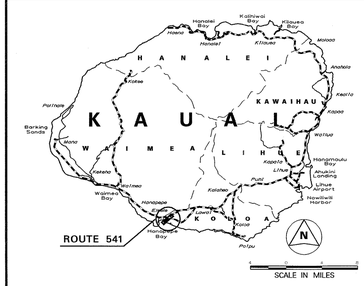
*



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

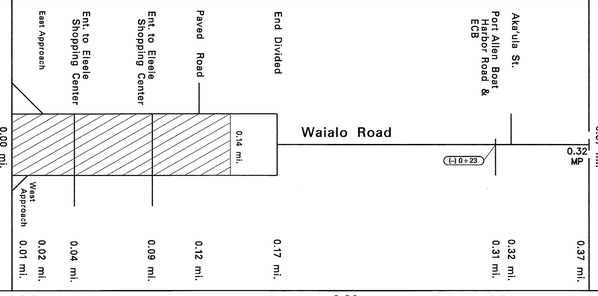
Maintenance Control Sections : Length and Description	Begin 541 A on Waialo Road at Centerline of Kaumualii Hwy. — 541 A (0.37 mi.) — End 541 A Same as End Route.
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	Varies 0.04 ⟵ R/W is 40' from Centerline of Approaches 100' 0.29 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
Divided Highway – Undivided: Pavement: Width and Type	16' AC (0.04) 22' AC / 36' AC
Divided Highway – Undivided: 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)
Divided Highway: Shoulder: Width and Type	0
Divided Highway: Pavement: Width and Type	15' AC (0.04) 22' AC
Divided Highway: Shoulder: Width and Type	10' Dirt 4' AC (0.09) 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)	1 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 (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling
Speed: 1–Design, 2–Posted	Not Posted (0.05) 35 MPH (2) (0.21) Not Posted
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0541 00000 — B73 0541 00004 — B73 0541 00017
HPMS Sections – AADT 2009	6,400 — 3,800 — 3,322
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 (7)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	FAP 12 J, 1939

SCALE: (In Miles) 20" = 1 mile

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

Date Released	
Sept. 2004, D.B.	
Revised	
Mar. 09	D.B.
Dec. 09	D.B.
Sept. 10	D.B.

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

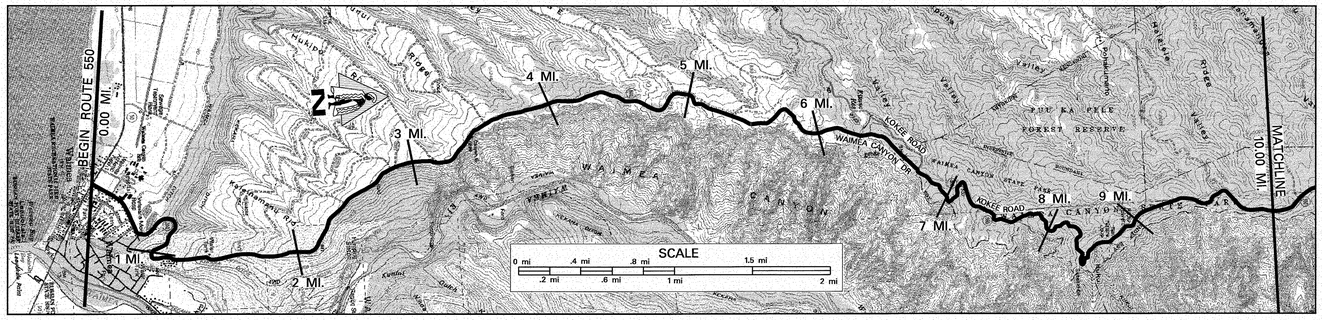
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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
- 0 – 6.73: BEG 550 A ON WAIMEA CANYON DRIVE AT CENTERLINE WITH KAUMUALII HWY (RTE 50) — 550 A (6.73 MI.)
- 6.73 – 10: 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' (0 – 1.19); 80' (1.19 – 4.18); 40' (4.18 – 6.78); 80' (6.78 – 10)

Available Right of Way Width (Needs Study): RESIDENTIAL (0 – 0.67); CLEAR 1000' BUSHES AND GRASS (0.67 – 7.00); TREES (7.00 – 10)

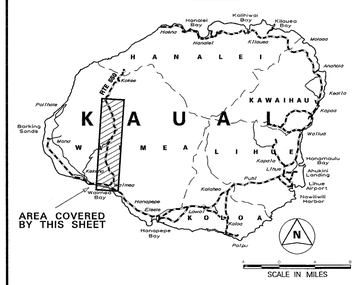
Right of Way Fence: Type – Right and Left: NONE

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

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

Project No., Type of Construction, and Year Constructed
- 550A–01–95M (RESURF), 1996 (0 – 2.75)
- 350A–01–90M, RESURF, 1990 (2.75 – 4.98)
- 550A–01–01M, (RESURF.) 2002 (4.98 – 6.00)
- STP–0700(58),GUARDRAIL & SHOULDER IMPV., 2008 (6.00 – 6.74; 385+98 – 492+60)
- 550B–01–92M, 1992 (R) (6.74 – 8.92)
- 550B–01–91M (RESURFACE) 1991 (8.92 – 10)

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

BEGIN RTE 550 ON WAIMEA CANYON DR. AT THE N.E. EDGE OF PAV'T OF KAUMUALII HWY (RTE 50). 0.00 mi.

0 MP: WAIMEA VETERAN'S HOSPITAL; HUAKAI RD.; WAIMEA RIVER BRIDGE; END DIVIDED; MAULE RD.; CANE HAUL RD. CULVERT; ROAD TO WATER TANK CULVERT

1 MP: SUBDIVISION RD; PANINI PL. CULVERT; WATER TANK; ELEV. 500'; SCENIC LOOKOUT ECB (R); ELEV. 1000' SCENIC LOOKOUT; SCENIC LOOKOUT; TRIG STATION "CANYON B" SCENIC LOOKOUT; PAVED LOOKOUT; ELEV. 1500'; CANE HAUL RD. ECB; KOKEE RD. ECB; "2500' ELEV." SIGN; RANGER STATION; ROAD TO COMMUNICATION STATION ECB

WAIMEA CANYON DRIVE — KOKEE ROAD

2 MP; 3 MP; 4 MP; 5 MP; 6 MP; 7 MP; 8 MP (418+70); 9 MP; 10 MP

6.74 KOKEE ROAD — WAIMEA CANYON DR. RTE 550

0.06 MI. 0.14 MI. 0.23 MI. 0.24 MI. 0.34 MI. 0.40 MI. 0.44 MI. 0.61 MI. 0.68 MI. 0.76 MI. 0.77 MI. 1.00 MI. 0.99 MI. 1.18 MI. 1.31 MI. 1.38 MI. 1.50 MI. 2.00 MI. 2.22 MI. 2.31 MI. 2.84 MI. 2.89 MI. 3.00 MI. 3.23 MI. 3.38 MI. 3.43 MI. 3.65 MI. 4.02 MI. 4.59 MI. 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: 1' GRASS (0 – 0.20); 4'–6' GRAVEL (0.20 – 1.02); 6' GRAVEL (1.02 – 5.97); 2'–4' GRASS (5.97 – 6.77); 2'–6' DIRT (6.77 – 6.74); VARIES 2'–6' GRAVEL (6.74 – 9.25); 2'–6' GRASS (9.25 – 10)
- Pavement: Width and Type: 20' AC (0 – 0.44); 10' AC (0.44 – 0.61); 20' AC (0.61 – 10); 18' AC (1.02 – 6.74); 20' AC (6.74 – 10)
- Shoulder: Width and Type: 6' 18' GRASS (0 – 0.26); 0 (0.26 – 0.44); 6' GRASS (0.44 – 0.89); 3' (0.89 – 1.02); 6' GRAVEL (1.02 – 4.60); 2' GRAVEL (4.60 – 5.97); 6' DIRT (5.97 – 6.74); 4' GRASS (6.74 – 7.09); 6'–8' (7.09 – 7.85); 10' (7.85 – 8.45); 3' GRAVEL (7.85 – 8.33); 8' DIRT (8.33 – 8.45); 0'–2' DIRT (8.45 – 10)

Divided Highway – Median
- Median: Width and Type: 0.07 (0 – 0.07); (11' PAINTED AC) (0.07 – 10)
- Median Barriers:
- Shoulder: Width and Type: 0 (0.44 – 10)
- Pavement: Width and Type: 10' AC (0.44 – 10)
- Shoulder: Width and Type: 18' GRASS (0.44 – 10)

Number of Traffic Lanes: 2–10' (0 – 1.05); 2–9' (1.05 – 6.74); 2–10' (6.74 – 10)

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

(Right Side): 0.29 – 0.34; 0.46 – 0.50; 11' TLs

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

Illumination: Type, Location and Number: 0.07 – 0.56 MV

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (0 – 0.56); 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: 2,500
- B73 0550 00058: 1,100
- B73 0550 00118: 890
- B73 0550 00284: 1,674
- B73 0550 00674: 1,400
- B73 0550 00888: 1,188

HPMS Sections – AADT 2009: 2,723 (0 – 0.56); 905 (0.56 – 1.18); 744 (1.18 – 2.84); 1,642 (2.84 – 6.74); 1,177 (6.74 – 8.88); 1,165 (8.88 – 10)

HPMS Sections – AADT 2008: 2,470; 975; 975; 725; 1,290; 1,370

HPMS Sections – AADT 2007

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (7)

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

Previous Projects: Project No., Date and Limits
- HYY-K-01-82M (R) 1982 (0 – 1.02)
- HWY-K-01-70, 1970 (R) (0 – 1.05)
- RS-0550(2) RESURFACE, SAFETY & IMPROV., 1982 (1.05 – 3.48)
- LAND AND NATURAL RESOURCES (CONST. & MAINT. BY D.O.T.) 1963 (3.48 – 6.67)
- 550B-01-74, (RESURF), 1974 (6.74 – 8.73) — PHASE II
- 550-A-01-73, (R), 1973 (8.73 – 10) — 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.

ROAD INVENTORY
KAUAI RTE 550
KOKEE ROAD

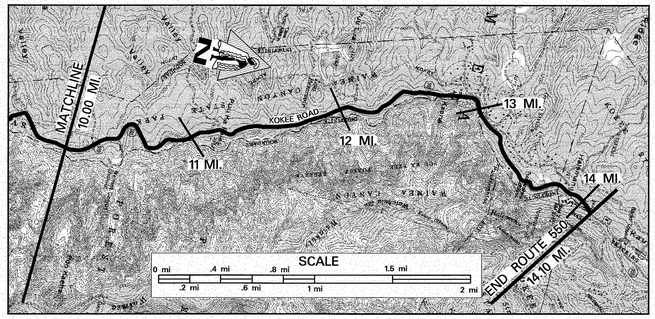
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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

*



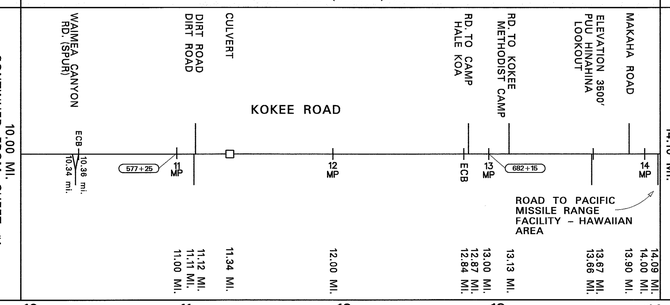
SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Maintenance Control Sections : Length and Description	550 B (7.37 MI.)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
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, 10.08 – 683+55, 13.03)
Project No., Type of Construction, and Year Constructed	STP-0700(58), GUARDRAILS & SHOULDER IMPV., 2008
Project No., Type of Construction, and Year Constructed	550B-01-91M (RESURF.) 1991

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Divided Highway – Undivided: Shoulder: Width and Type	VARIES 2'–6' GRASS
Divided Highway – Undivided: Pavement: Width and Type	18' AC
Divided Highway – Undivided: Shoulder: Width and Type	0'–2' DIRT (10.38) 4'–6' GRASS (10.97) VARIES 2'–6' GRASS
Divided Highway: Median: Width and Type	
Divided Highway: Median Barriers:	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	2–9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left)	NONE
Protective Devices: Type, Location and Number — ALL METAL RAILS ON METAL POSTS	10.71–10.88; 10.86–10.95; 11.95–11.97; 12.76–12.78; 13.03–13.07
Illumination: Type, Location and Number	NONE
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted	25 MPH (2); 12.81 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 (7)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	550A-01-73 (R) 1973; 12.10 COUNTY; 550B -01-74 (R) 1974

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

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

ROAD INVENTORY
KAUAI RTE 560
KUHIO HIGHWAY

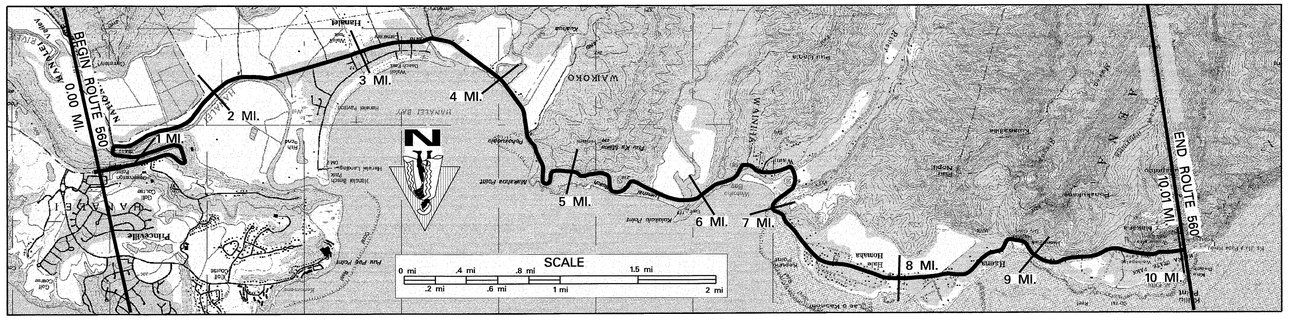
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 10.01 miles
- a. Survey Length: 10.01 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Begin 560 A same as Begin Route. | 560 A (10.01 mi.) | End 560 A same as End Route 560.

Structure Carrying Road

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

Steel Pratt Truss 1912 H–10: 113' (1.20)
R.C. Flat Slab 1912, H–15: 90' (3.39)
R.C. Flat Slab 1912, H–15: 188' (3.91)
R.C. Flat Slab 1913, H–10: 45' (4.22)
Cont. Concrete 1968 HS 20: 538' (5.88)
Steel Truss Deck 1969, H10: 42' (6.40)
Steel Truss Deck 1973, H15 / Steel Truss Deck 1975, H15: 78' | 146' (6.70, 6.86)

Vertical Clearance: 113' (1.20); 90' (3.39); 188' (3.91); 45' (4.22); 538' (5.88); 42' (6.40); 78' | 146' (6.70, 6.86)

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

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 40'; 80'–125' (5.78–5.90); 40'

Available Right of Way Width (Needs Study)

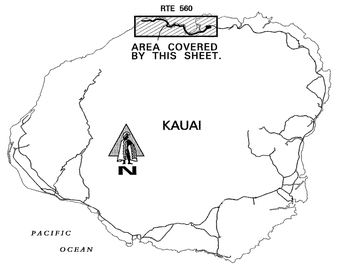
Right of Way Fence: Type – Right and Left (Footage indicates how far away from the edge of pavement the fence is.): Grass and Small Trees; Wire 10' (1.89–2.18); Residential; Wood 8'; Chain Link 6'; Wire 15'–25'; Trees and Brush; Wire 50'; Residential with Trees and Bushes; Wire 6'; Chain Link 6'; Wood 10'; Wire 10'; Wire 8'

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

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

Project No., Type of Construction, and Year Constructed: 560A–03–99, SHLDR. IMPRV. 2005 (0.01–10.01)

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); 560A–01–86M (R) 1986 (8.50–10.01)



Road Diagram

* MP = Milepost Signage

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

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

KUHIO HIGHWAY

Hanalei Lookout Rd. to Shop. Cnt. (0.12 mi.); Hanalei Plantation Rd. (0.38 mi.); End Divided Begin Divided (0.63 mi.); Culvert (1.01 mi.); Onikl Road (1.15 mi.); Hanalei River Br. ECB (R) (1.20 mi.); Culvert (1.47 mi.); Culvert (1.60 mi.); Culvert (2.05 mi.); Culvert (2.43 mi.); Hanalei Museum Rd. Culvert (2.61 mi.); Begin Divided (2.65 mi.); End Divided Road to Hanalei (2.75 mi.); Akiu Road (2.79 mi.); Driveway (2.80 mi.); Malolo Rd. (2.90 mi.); Mahimahi Rd. (3.10 mi.); Begin Divided (3.13 mi.); End Divided Road to Hanalei Elem. School (3.22 mi.); Kumu Road (3.44 mi.); Waioli Bridge (3.50 mi.); Alakoko Road (3.52 mi.); Driveway (3.53 mi.); Weipa Bridge (3.91 mi.); ECB (R) (4.07 mi.); Waikoko Bridge (4.21 mi.); ECB (R) (4.99 mi.); ECB (R) (5.42 mi.); Lumahai Bridge (5.84 mi.); ECB (L) (5.99 mi.); Ananalu Road (6.40 mi.); Wainiha Bridge #1 (6.48 mi.); Wainiha Rd. (6.57 mi.); Wainiha Br. #3 (6.60 mi.); Ala'Eke Road (6.66 mi.); Wainiha Br. #2 (6.68 mi.); ECB (R) (6.87 mi.); Alamihi Road (7.30 mi.); Alamihi Rd. (7.64 mi.); Milkala Place (7.55 mi.); OneOne Road (7.47 mi.); Culvert #1 (7.43 mi.); Alealea Rd. (7.99 mi.); Haena Pl. (8.15 mi.); Culvert #2 (8.39 mi.); West Cave Ford Crossing (8.80 mi.); ECB (R) (8.86 mi.); Culvert (9.00 mi.); Limahuli Stream Crossing (9.21 mi.); Hanalei Bay Park Boundary (9.56 mi.); Parking Area (9.77 mi.); Wet Cave (9.87 mi.); MP 0.00 mi.; MP 1; MP 2; MP 3; MP 4; MP 5; MP 6; MP 7; MP 8; MP 9; MP 10 (10.00 mi.)

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 2' AC/6' Grs. (0.38); 1'–2' AC; 4'–6' AC (2.26); 2' AC (3.39); 4' Grs.; 0 (4.98); 6' Grs. (5.42); 0 (5.63); 8' Grs. (5.76); (4' PCC) 0 (5.88); 2' Grass (6.48); 0 (6.86); 0 (7.05); 4' Grass; 0'–2' Grass (8.84); 0'–2' AC

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

Shoulder: Width and Type: 2' AC/6' Grass (0.48); 1' AC; (0') 1' AC; 1' AC/6' Grass; 2' AC/6' Grass; 2' AC; (2' AC); 10' AC; 2' AC/8' Grs.; 0 (3.72); 0 (3.87); 8' Grs.; 0'–1' AC; 0 (6.34); 2'–4' Grs.; 0 (7.09); 6'–8' Grass; 0'–2' AC

Divided Highway

Median: Width and Type: (0'–8' Paint); (0'–10' Painted AC); (2' AC/10' Grs.)

Median Barriers: (0.60); (2.61); (2.79); (3.10); (3.17)

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

Pavement: Width and Type: (10' AC); 10' AC (2.61); (10' AC)

Shoulder: Width and Type: (1' AC); (1' AC); 2' AC (2.74); (2' AC/10' Grass)

Number of Traffic Lanes: 2–10'; (2–9') (1.50); 2–10'; 3.92; 2–9'; 5.26; 2–10'; 5.76; 2–12'; 5.89; 2–10'; 6.36; 2–9'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 8' T.L.s (2.45); 10' T.L.s (2.62–2.74)

(Right Side)

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

Sidewalk: Width and Type (Right and Left): (4' Sidewalk) (2.63); (Conc. Barrier) (6.06); (Conc. Gutter) (9.47)

Curb and/or Gutter: Type (Right and Left): (Conc. Gutter) (0.60); (Conc. Gutter) (1.13); (Conc. Curb) (2.62); (2' Conc. Curb & Gutter); (Conc. Gutter) (9.36)

Protective Devices: Type, Location and Number (All Metal on Metal unless otherwise noted.): (0.46); (1.11); (1.22–1.31); (1.48–1.53); (1.63); (1.86–1.90); (2.10–2.18); (2.26–2.32); 14 M.V. (3.31); (4.80); (4.94); (5.08); (5.30–5.34); (5.42); (5.55); (Wood on Concrete); (5.87); (5.99); (6.14–6.57); 5 M.V.; (Wood) (6.74); (Wood) (6.93); (7.24–7.73); (8.40–8.59); (9.09–9.27); (9.62–9.86)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Mountainous Flat (0.08); Mountainous (1.16); Flat (4.31); Mountainous (5.68); Flat (5.86–6.06); Mountainous (7.16); Flat (8.76); Mountainous Rolling (8.86)

Speed: 1–Design, 2–Posted: 35 MPH (2) (2.31); 25 MPH (2) (3.53); 25 MPH (2) / 35 MPH (2) (4.15); 25 MPH (2) (5.84); 35 MPH (2) (6.04); 25 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: 9,700; 9,000; 8,900; 6,600; 2,800; 3,716; 3,322; 900

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 (7)

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

Previous Projects: Project No., Date and Limits

560A–02–96M, 1997 (0.38–2.35); 560A–01–90M, 1990 (2.46); HWY–K–01–82M, 1982 (R) (3.38–4.20); LT–K–03–80M (R) 1980 (0.39–1.42); (56D–01–80, 1980 (Safety Improv. & Resurf.)) (1.50); LT–K–03–80M 1980 (R) (3.97); County (4.43); 56D–02–70 1970 (5.03); (S–0560(1), 1965)–6.03 (5.33); FR–0700(22) 1988 (Resurf.) (5.66); (56D–02–70 1970) (5.79); 79 + 50'; 68 + 00; (56D–02–70 1970) (6.00); (S–0560(1) 1965) (6.14); 6.63 (6.38); (FR–0700(22) 1983 (R)); 56D–01–85M, (Resurf.) 1985 (6.49); 56D–02–70 1970 (6.63); 56D–02–70 1970 (8.50); 56D–02–70 1970 (8.66); 56D–02–70 1970 (8.84); 56D–02–70 1970 (8.77); 56D–02–70 1970 (9.70)

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.

ROAD INVENTORY
KAUAI RTE 570
AHUKINI ROAD

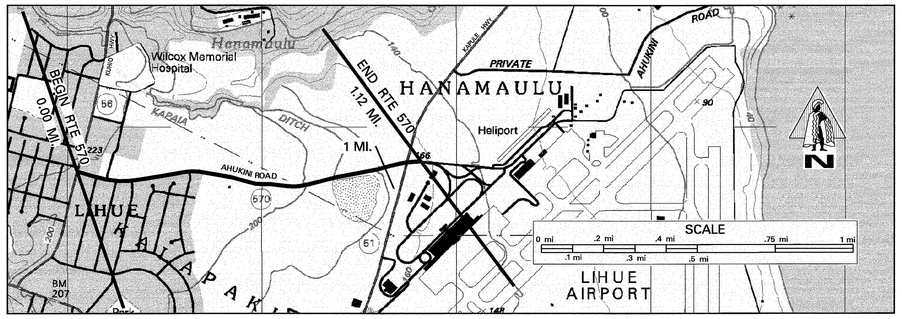
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

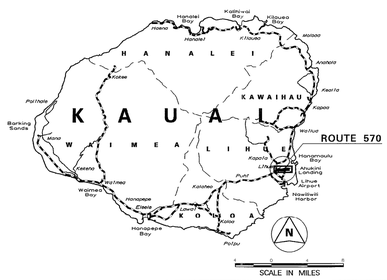
Total Route Length: 1.12 miles
- **a. Survey Length:** 1.12 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length: *** 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

		0 – 1	1 – 2	2 – 3	3 – 4	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					
	Vertical Clearance					
	Horizontal Clearance					
Structure Over Road	Vertical Clearance					
	Horizontal Clearance					
	Right of Way Width (min.–max.) if varies	120'				
	Available Right of Way Width (Needs Study)	RESIDENTIAL; 0.46 CLEAR 1000' – SUGAR CANE				
	Right of Way Fence: Type – Right and Left	NONE				
	Control of Access: 1–None, 2–Partial, 3–Full	NONE				
	Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE				
	Project No., Type of Construction, and Year Constructed	0.12 HWY-K-02-98 IMPRV., 2000 0.26				
	Project No., Type of Construction, and Year Constructed	570A-01-92M (R), 1993 0.91 F-061-1(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). 0.00 MI.

0 MP — AHUKINI ROAD — 1 MP

Milepost	Feature
0.17 MI.	UMI ST.
0.13 MI.	BEG. PAINTED MED.
0.13 MI.	END PAINTED MED.
0.06 MI.	ENTR. TO WALMART
0.06 MI.	AKAHI ST.
0.29 MI.	PALAI ST.
0.36 MI.	END PAINTED MED.
0.53 MI.	CANE HAUL ROADS
0.50 MI.	DRIVEWAY TO HELICOPTER TOURS
0.91 MI.	BEG PAINTED MED.
1.06 MI.	KAPULE HWY (RTE 51)
1.00 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	1 – 2	2 – 3	3 – 4	4 – 5
Divided Highway – Undivided	Shoulder: Width and Type	6' GRAVEL	8' AC			
	Pavement: Width and Type	24' AC; 12' AC; 24' AC	12' AC			
	Shoulder: Width and Type	0; 0; 6' GRAVEL	0			
Divided Highway	Median: Width and Type	0.13; 12' PAINTED AC; 0.29	0.16; 12' PAINTED AC			
	Median Barriers:					
	Shoulder: Width and Type	0	0			
	Pavement: Width and Type	12' AC	12' AC			
	Shoulder: Width and Type	2' AC; 0.17; (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	0.91; 12'; 1.06; 12' AC T.L.			
	(Right Side)		0.91; 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 (2)				
	Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1) 0.86				
	Speed: 1–Design, 2–Posted	35 MPH (2); NOT POSTED	35 MPH (2)			
	Intersection Control Devices: Type, Location and Cycle Timing		0.91 3 PHASE 1.06			
	Traffic Stations (Current Year)	B73 0570 00000; B73 0570 00017	(B73 0570 00106)			
	HPMS Sections – AADT 2009	9,300; 11,400	(9,800)			
	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 (14)				
	National Highway System (NHS)	ON NHS (1)				
	Previous Projects: Project No., Date and Limits	S-0570 (1), 1964				

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

KAUAI RTE 580
KUAMOO ROAD

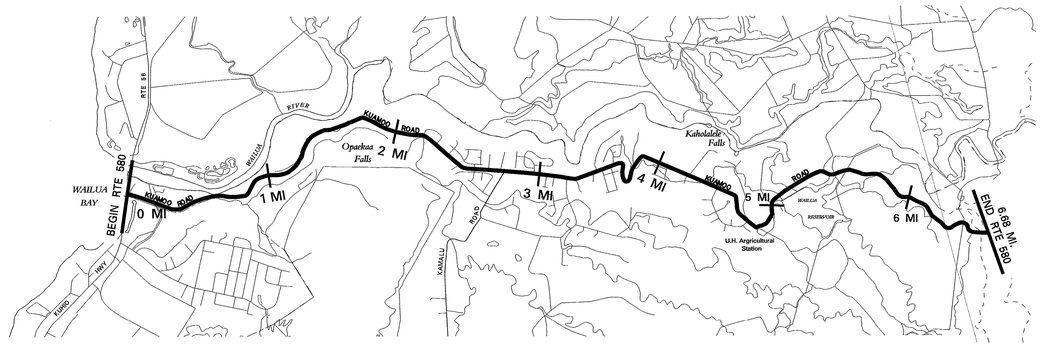
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1936 H15 53'

Structure Carrying Road — Vertical Clearance: 24'

Structure Carrying Road — Horizontal Clearance:

Structure Over Road — Vertical Clearance:

Structure Over Road — Horizontal Clearance:

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

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

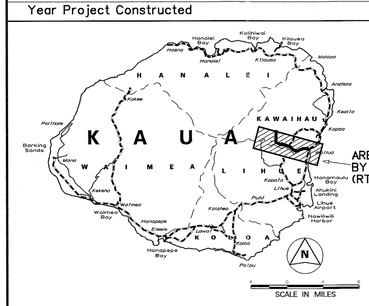
Right of Way Fence: Type - Right and Left: W/W 20'FEP | WOOD | WIRE ON WOOD 15'FEP | W/W

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (STP-0700(58), GUARDRAILS, 2008)

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.

0.00 MI. WAILUA RIVER STATE PARK (OLD) | WAILUA RIVER STATE PARK EXT | WAILUA RIVER STATE PARK (NEW) | OHANA ST. | 36+25 | OPAEKAA BRIDGE | 1 MP | KUAMOO ROADS | STATE PARK | KAMALO HAWAIIAN VILLAGE EXITS FROM LOOKOUT | ENTRANCE TO LOOKOUT | SCENIC LOOKOUT | KAHAWAI PL. | EZ8 | 2 MP | ROAD | OHELO ROAD | LIKA PLACE | MELIA STREET | OHELO ROAD | MALA STREET | KAMALU RD (RTE 581) | ROY'AL DR. | LANI 'ALI'I PLACE | POKUKALA STREET | 3 MP | 107+40 | OPAEKAA ROAD | KOLOTINE ROAD | LAUONE ROAD | PAAKO STREET | HIGHLAND STREET | LIHAU STREET | 69+50 | 4 MP | 3.98 MI. | WAIKOLIA STREET | HAWAIANA STREET | KAHOLALELE ROAD | ANA PONO STREET | ANA PONO STREET | U.H. AGR. STATION (R) | 4.83 MP | EZ8 | 5 MP | PAVED ROAD | CULVERT | CULVERT | TRACTOR CROSSING | TRACTOR CROSSING | "END OF IMPROVED HWY" SIGN | 6 MP | KULAU RIDGE TRAIL | FOREST RESERVE SIGN | 6.61 MI. | 6.46 MI. | 6.68 MI.

0.23 MI. | 0.18 MI. | 0.07 MI. | 0.01 MI. | 0.62 MI. | 0.99 MI. | 1.40 MI. | 1.29 MI. | 1.34 MI. | 1.53 MI. | 1.55 MI. | 1.63 MI. | 1.79 MI. | 1.86 MI. | 1.99 MI. | 2.13 MI. | 2.17 MI. | 2.28 MI. | 2.38 MI. | 2.58 MI. | 2.70 MI. | 2.73 MI. | 2.77 MI. | 2.96 MI. | 3.19 MI. | 3.29 MI. | 3.36 MI. | 3.49 MI. | 3.49 MI. | 3.36 MI. | 4.07 MI. | 4.02 MI. | 4.23 MI. | 4.42 MI. | 4.81 MI. | 4.79 MI. | 4.84 MI. | 5.02 MI. | 5.02 MI. | 5.18 MI. | 5.50 MI. | 5.60 MI. | 5.84 MI. | 5.80 MI. | 6.02 MI.

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

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type: 4' AC | 6' AC | 4' AC | 4' - 6' AC | 6' - 12' GRS | 2' - 4' GRS

Divided Highway — Undivided — Pavement: Width and Type: 22' AC | 20' AC | 18' AC | 16' AC | 14' AC

Divided Highway — Undivided — 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: Width and Type

Divided Highway — Shoulder: Width and Type

Divided Highway — Pavement: Width and Type

Divided Highway — Shoulder: Width and Type

Number of Traffic Lanes: 2 - 11' | 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: ROCK WALL — ALL METAL ON METAL GUARDRAILS

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (1)

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

Speed: 1-Design, 2-Posted: 35 MPH 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: 5,600 | 8,100 | 2,700 | 2,274 | 1,800 | 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 (7)

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

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

SCALE: (In Miles) 2" = 1 mile

Date Released	
March 95	
Revised	
Pd Tom	3-95
Pd Tom	6-95
JK	4-96
JK	5-97
DB	2-08
DB	3-09
DB	12-09
DB	9-10

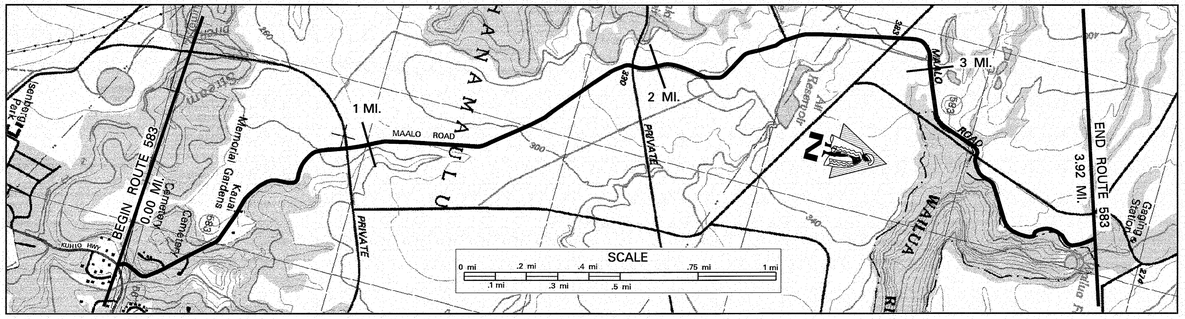
ROAD INVENTORY
KAUAI RTE 583
MAALO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies	60'
Available Right of Way Width (Needs Study)	CLR 1000' SUGAR CANE 20' FROM EDGE OF PAVEMENT
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE (107+30) (159+50) (159+75) (209+10)
Project No., Type of Construction, and Year Constructed	(583A–01–71, 1971) 0.01; 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	583–01–95M (RESURFACE) 1996 0.01–1.99; HWY–K–01–70, 1970 1.99–2.31; 583A–01–71, 1971 2.31–3.92

Road Diagram
* MP = Milepost Signage

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

Milepost	Feature
0.03	BRIDGE (1927)
0.05	ROAD (L)
0.15	RD TO CEMETERY
0.25	KAUAI MEMORIAL GARDENS ROAD
0.48	CULVERT
0.68	CULVERT
0.82	QUARRY ROAD (L) CANE HAUL RD. (R)
0.92	CULVERT
1.02	CULVERT
1.10	ECB (L)
1.39	CULVERT
1.82	DIRT ROAD
1.92	CANE HAUL ROAD
1.99	CULVERT
2.25	CANE HAUL ROAD
2.45	CULVERT
2.57	PAVED ROAD
2.82	CULVERT
2.90	HWY OVERPASS CULVERT
2.97	CULVERT
3.33	END OF PAV'T CULVERT ECB (R)
3.45	END RTE 583 ON MAALO RD. AT THE END OF PAVEMENT. 3.92 MI.
3.84	
3.80	
3.92	

MAALO ROAD; MP 0, MP 1, MP 2 (107+50), (150+90), MP 3

Divided Highway

Undivided	Shoulder: Width and Type	GRASS
	Pavement: Width and Type	
	Shoulder: Width and Type	GRASS
Divided	Median: Width and Type	
	Median Barriers:	
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	

Undivided — Shoulder: 2' (0.00–0.03), 6' (0.03–0.48), 2'–4' (0.48–1.90), 6' (1.90–2.30), 0' (2.30–2.36), 4' (2.36–2.97), 8' (2.97–3.13), 4'–6' (3.13–3.62), 4' (3.62–3.79), 2' (3.79–3.92)

Undivided — Pavement: 20' AC (0.00–1.98), 18' AC (1.98–2.97), 17'–20' AC (2.97–3.92)

Undivided — Shoulder: 2'–4' (0.00–0.10), 6'–8' (0.10–0.98), 4'–6' (0.98–2.24), 3' (2.24–2.34), 6' (2.34–2.84), 2'–4' (2.84–3.46), 8' (3.46–3.43), 6' (3.43–3.92)

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) 3.68–3.91, 3.63–3.90
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) 3.20–3.45, 3.47–3.50, 3.62–3.84, 3.86–3.89, 3.38–3.40, 3.35–3.38, 3.79–3.86
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	SMALL URBAN (2) 0.00–0.92; RURAL (1) 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; B73 0583 00092; B73 0583 00198; B73 0583 00297
HPMS Sections – AADT 2009	1,100; 1,100; 850; 582
HPMS Sections – AADT 2008	952; 762 (0.92–1.98); 731; 571 (2.97–3.92)
HPMS Sections – AADT 2007	910; 910; 1,010; 1,010 (3.31–3.92)
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (17) 0.00–0.92; MAJOR COLLECTOR (7) 0.92–3.92
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	PHASE II 583A–01–71, 1971 0.50; HWY–K–01–70 (PHASE II), 1970 2.30; 583A–01–71, 1971

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

SCALE: (In Miles) 4" = 1 mile

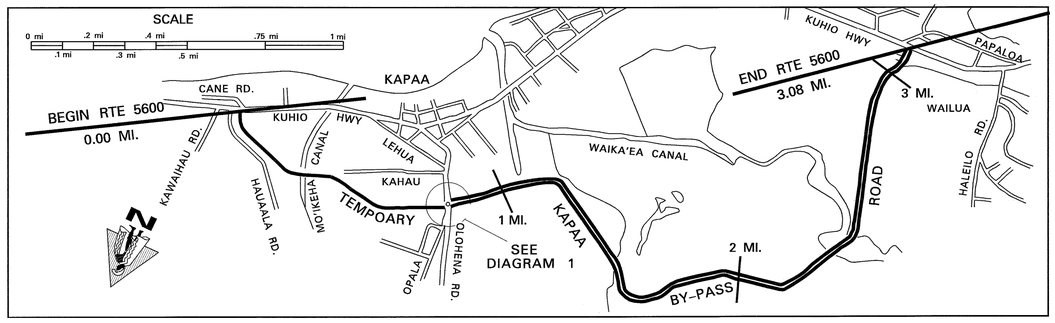
ROAD INVENTORY
KAUAI RTE 5600
TEMPORARY KAPAA BY-PASS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 3.08 miles
- a. Survey Length: 3.08 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: ACROW PANEL TRUSS, HL-93, 2006 | 94'
- Vertical Clearance: 0.29
- Horizontal Clearance: 16'– 4"

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' | 0.77 | 80' | 0.81 | 100' | 0.90 | 60' | 1.01 | 120' | 1.48 | 100' | 1.56 | 60' | 1.73 | 100' | 1.88 | 60'

Available Right of Way Width (Needs Study)

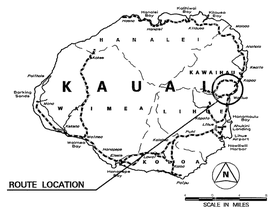
Right of Way Fence: Type – Right and Left: 0.06 6' CHAINLINK FENCE 25'–30' FROM E.P. 0.75; 0.12 WIRE 35'–40' FROM E.P.

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

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

Project No., Type of Construction, and Year Constructed: (40+79.03) 56A-03-00, NEW CONSTRUCTION, 2007 (L-2+79.55) 0.83 (0+00)

Project No., Type of Construction, and Year Constructed: (123+00) 0.76 56A-02-95



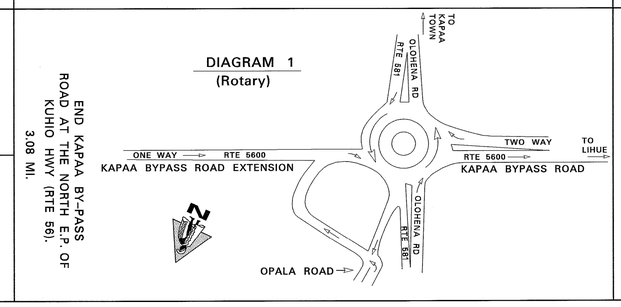
Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

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

MOIKEHA BRIDGE 0.29 MI. | MOIKEHA CANAL | KAPAA BY-PASS ROAD EXT. | ONE WAY (IN SERVICE FEB. 07) | 0.75 MI. | SIPHON (AG. DITCH) 0.78 MI. | OLOHENA RD BEGIN DIVIDED 0.78 MI. | SIPHON (AG. DITCH) 0.83 MI. | SEE DIAGRAM 1 (Rotary) | TEMPORARY KAPAA BY-PASS ROAD | SIPHON (AG. DITCH) 1.92 MI. | 1 MP | SIPHON (AG. DITCH) 2.09 MI. 2.08 MI. | CULVERT 2.37 MI. | SIPHON (AG. DITCH) 2.54 MI. | GATE (OPEN 5:30 AM – 7:00 PM) 2.99 MI.

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



SCALE: (In Miles) 4" = 1 mile

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

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

Number of Traffic Lanes: 1–11' | 0.77 | 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (2–15')

(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

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

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

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

Speed: 1–Design, 2–Posted: 25 MPH (2) | 0.92 | 35 MPH (2) | 1.37 | 25 MPH (2) | 1.75 | 35 MPH (2) | 2.91 | (NOT POSTED) (25 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing: 0.78 (25 MPH (2)) | 2.85

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

HPMS Sections – AADT 2009: 102 (102) 102 5,400 5,500

HPMS Sections – AADT: 0.75 0.79 1.08 2.20

HPMS Sections – AADT

DOD Sections

Census Tracts

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

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

Previous Projects: Project No., Date and Limits

Date Released	
May 2006,	D.B.
Revised	
Sept. 06	D.B.
Dec. 07	D.B.
Sept. 10	D.B.

SCALE: (In Miles) 4" = 1 mile