STATE ROUTE SYSTEM

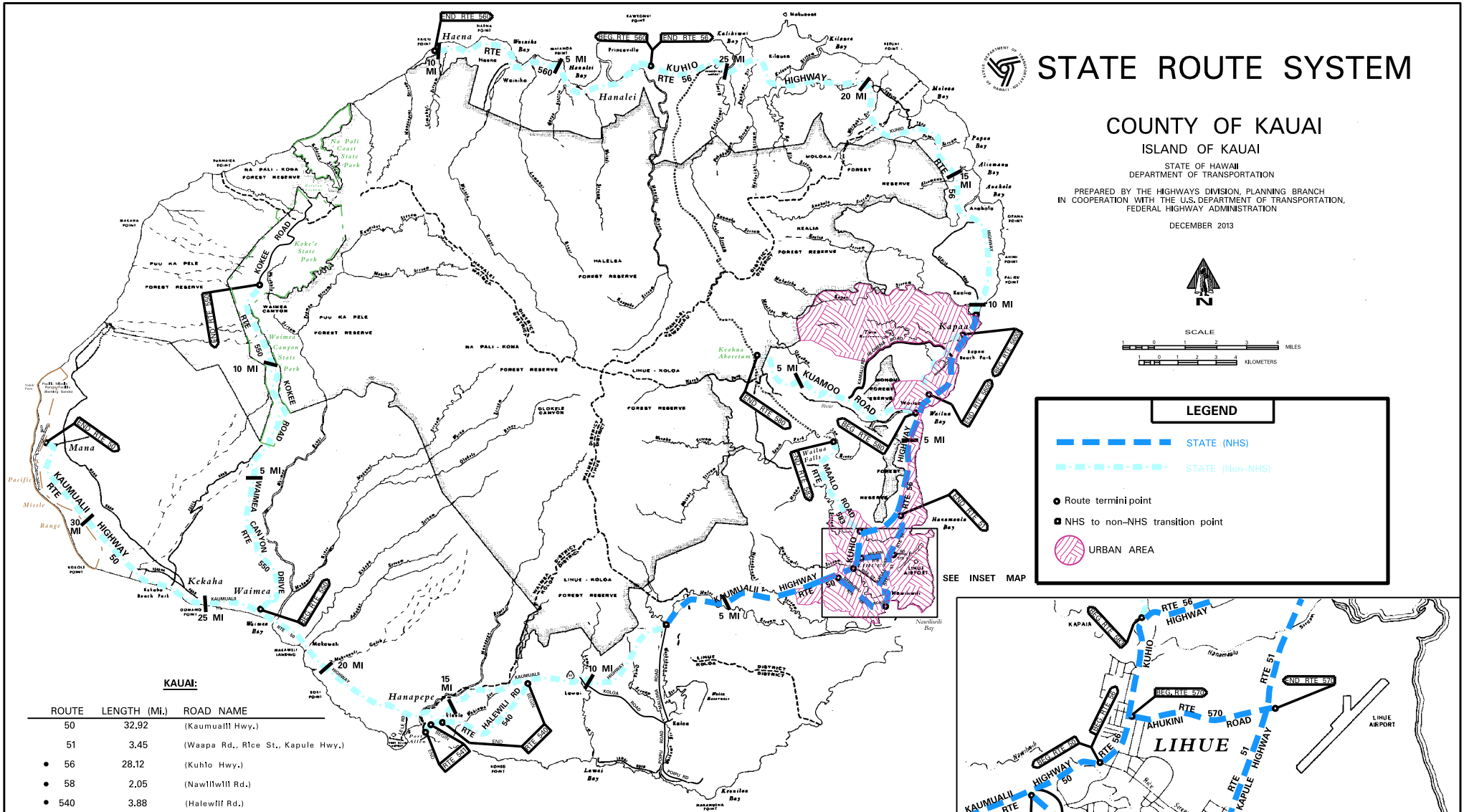
COUNTY OF KAUAI

ISLAND OF KAUAI

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

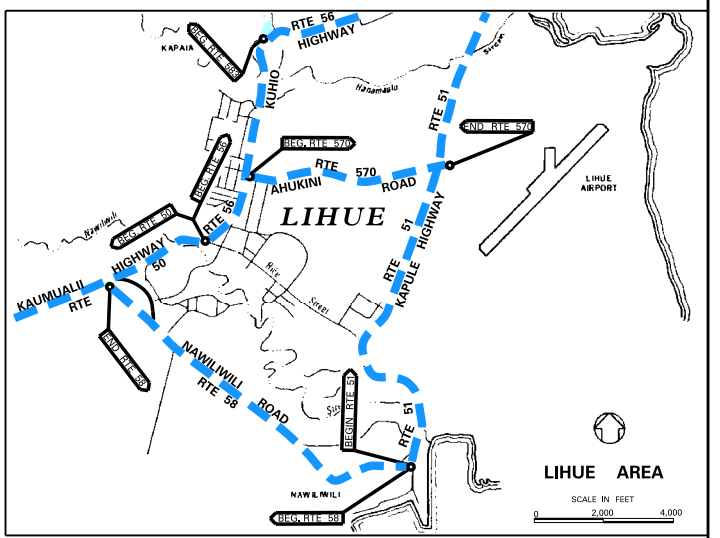
PREPARED BY THE HIGHWAYS DIVISION, PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION,
FEDERAL HIGHWAY ADMINISTRATION

DECEMBER 2013



LEGEND

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



KAUAI:

ROUTE	LENGTH (Mi.)	ROAD NAME
50	32.92	(Kaumualii Hwy.)
51	3.45	(Waapa Rd., Rice St., Kapule Hwy.)
• 56	28.12	(Kuhio Hwy.)
• 58	2.05	(Nawiliwili Rd.)
• 540	3.88	(Halewili Rd.)
• 541	0.37	(Wafalo Rd.)
• 550	14.08	(Waimea Canyon Drive, Kokee Rd.)
• 560	10.01	(Kuhio Hwy.)
• 570	1.12	(Ahukini Rd.)
580	6.68	(Kuamoo Rd.)
• 583	3.91	(Maalo Rd.)
TOTAL	= 106.59	

• Please Refer to Hwy System Changes List for Route Changes

Date Released	
Dec 2002	JK
Revised	
Apr 04	DR
May 06	DR
Jun 07	DR
Feb 11	DR
Feb 12	DR
Feb 13	ZPJ
Dec 13	ZPJ

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) 587-1841 to report the issue.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

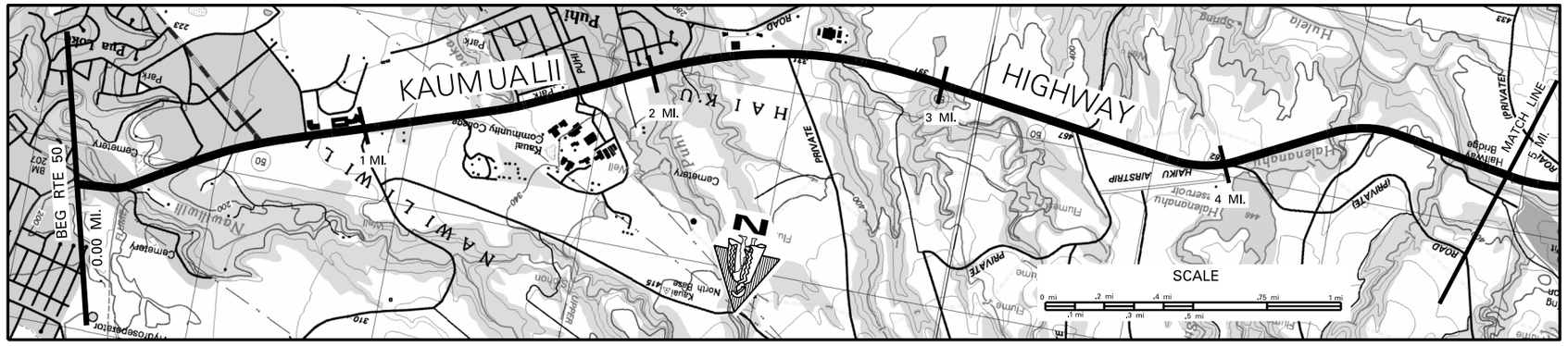
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.92	MILES (a+b)
a. Existing Length:	32.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.92	MILES (a+b, less c)
a. Existing Length:	32.92	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

Conc. Flume 1918 72' | RC FLAT SLAB ON 1 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

Horizontal Clearance

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

60' | 80' | 60' | 80' (80') | 60' | 80' | 60' | 80' | 60' | 120' (100') | 80' | (110') | 60' | 70' | 130' | 80' | 120' (170') (60') | 150'

Available Right of Way Width (Needs Study)

Residential + Commercial | Trees + Bushes | Sugar Cane | Residential | Sugar Cane | Trees

Right of Way Fence: Type – Right and Left

W/W 30' FEP | W/W | W/W 30' FEP

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

NONE

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

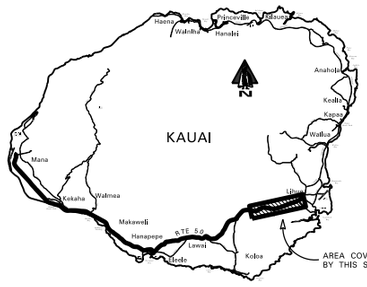
STATE

Project No., Type of Construction, and Year Constructed

(50E–01–98 Realignment 2001) | 50DE–01–05M (R) 2006 | 50D–01–10M, RESURF., 2012 | (HWY–K–03–04M, RESURF., 2008)

Project No., Type of Construction, and Year Constructed

(Lihue Plantation Project, 1964) | (HWY–K–01–78M (R), 1978) | STP–050–1(19), 1998 | 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. | End Divided Hwy – Libue Mill Dr., Hoomana Rd., Spur to Rice St. | Beg Divided Hwy – Uahi Road | Nawiliwili Road (Rte 58) | Kalepa Street | End Divided Hwy | 0.98 mi. | Beg Divided Hwy | Nuhou Street | End Divided Hwy | Beg Divided Hwy – Niani Street Telem. Sta. 50015 | Puhi Rd ⑥ Driveway 1.71 mi. | End Divided Hwy – Eiwa St., Ekowanta St. | Beg Divided Hwy – Anonui St. | End Divided Hwy | Dirt Road | 1.75 mi. (Kauai Community College) | 2.50 mi. Cane Haul Rd. | Road to Brewer Chemical – Hohonu Kaunuohanu Str. Culvert | Rd. to Nursery | 102+56 | End Divided Hwy – Kipu Rd., 2.37 mi. | Beg Divided Hwy | ECB 2.93 mi. | KAUMUALII | Paved Rd. | Cane Haul Rd. | HIGHWAY | Cane Haul Rd. | ECB Begin Divided Hwy | Hubbb. Br. Hwy (Hanalei Bridge) – Rd. from Quarry (R) | End Divided Hwy | 5.00 mi.

0.00 mi. | 0.09 mi. | 0.11 mi. | 0.17 mi. | 0.18 mi. | 0.47 mi. | 0.53 mi. | 0.65 mi. | 0.81 mi. | 0.92 mi. | 1.07 mi. | 1.24 mi. | 1.39 mi. | 1.54 mi. | 1.58 mi. | 1.83 mi. | 1.88 mi. | 1.94 mi. | 2.00 mi. | 2.11 mi. | 2.47 mi. | 2.48 mi. | 2.62 mi. | 2.67 mi. | 2.90 mi. | 2.98 mi. | 3.03 mi. | 3.36 mi. | 3.48 mi. | 3.57 mi. | 4.00 mi. | 4.56 mi. | 4.59 mi. | 4.79 mi. | 4.81 mi. | 5.00 mi.

CONTINUED ON SHEET #2

Divided Highway

Undivided

Shoulder: Width and Type

8' AC | 6' AC | 8' AC | 4'–10' AC | 8' AC | 4' AC | 6'–8' AC | 4' AC | 6'–8' AC | 6'–8' AC | 5' AC | 8' AC | 8' AC | Conc. | 8' AC

Pavement: Width and Type

24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC

Shoulder: Width and Type

2' AC | 10' AC | 8' AC | 4'–8' AC | 0 | 8' AC | 0 | 8' AC | 0 | (8' AC) | 0 | 6'–8' AC | 0 | 5' AC | 8' AC | 18' AC | 8' AC | 0

Median: Width and Type

(4'–16' Raised Grass/Shurbs) | (0–12' Painted AC) | 0'–12' Painted AC | 0'–10' Painted AC | 0'–20' Painted AC | 0'–12' Painted AC | 0'–10' Painted AC | 0'–12' Painted AC

Shoulder: Width and Type

2' AC | 0 | 0 | 0 | 0 | 0 | 0

Pavement: Width and Type

12' AC | 12' AC | 12' AC | 12' AC | 12' AC | 12' AC | 12' AC

Shoulder: Width and Type

(24' AC) | 10' AC | (4'–8' AC) | 8' AC | 8' AC | 8' AC | (6'–8' AC) | 8' AC

Number of Traffic Lanes

(2–12' ①) (2–12' ⑩) | 2–12' | 2–12' 1–12' | 2–12'

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

Accel. | 12' TL | 1–12' (R) TL | 1–12' (L) TL | 1–12' (L) TL

(Right Side)

(Accel. Lane)

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

(6'–8' Conc.) | None

Sidewalk: Width and Type (Right and Left)

4' Conc. (6' Conc.)

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

(2' Conc. Curb/Gutter) | (6' Conc. Gutter) | (6' Conc. Gutter)

Protective Devices: Type, Location and Number

Conc. w/ Metal | Metal w/ Metal | (Wood w/ Wood) | Metal w/ Metal | Metal w/ Metal | (Metal w/ Metal) | Metal w/ Metal | (Metal w/ Metal) | Metal w/ Metal | Metal w/ Metal | Metal w/ Metal | Metal w/ Metal

Illumination: Type, Location and Number

Luminaire

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)

B | C | D | B | A | B | C | B | A | D | C | B | A | C | B | C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Small Urban (99998) | Rural (99999)

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

Rolling (2) | Flat (1) | Rolling (2) | Flat (1) | Rolling (2)

Speed: 1–Design, 2–Posted

25 MPH ② | 35 MPH | 40 MPH ② | 45 MPH ② | 50 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing

3 Phase | 3 Phase | 3 Phase

Traffic Stations (Current Year)

B73 0050 00000 | B73 0050 00065 | B73 0050 00174 | B73 0050 00295

HPMS Sections – AADT 2012

25,321 | 23,600 | 24,070 | 25,474

HPMS Sections – AADT 2011

23,500 | 21,500 | 22,400 | 22,900

HPMS Sections – AADT 2010

27,400 | 20,099 | 21,700 | 22,900

DOD Sections

Census Tracts

Functional Classification

Principal Arterial (3)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

STP–050–1(19), 1998 | HWY–K–03–96, 1997 Inter. Imprv. | STP–050–1(15) (R), 1996 | (HWY–K–03–86, 1977) | (BR–K–050–(17), 1990 (BRDG. & APPRCH)) | STP–050–1(15) (R) 1996 | (HWY–K–03–82, 1983 (GUARDRAIL & SHOULDER IMPRV.)) | (50–K–02M (R), 1993) | 50 DE–01–86M (R), 1986 | 50D–01–87M (R), 1987 | 50 DE–01–86M, 1986 | LT–K–02–79, 1980 | HWY–K–01–76M (R) 1976

(Lihue Plantation Project, 1964) | HWY–K–01–78M (R) | D–50–01–63, 1965 | F12 (17), 1951 | D–50–01–65, 1965 | (50–D–03–69 1970) | F–24(2) 1950 | FAP 12 F, 1937 | FAP 12–G, 1935 | FAP 12 I, 1937

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Sept. 06	D.B.
Mar. 09	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

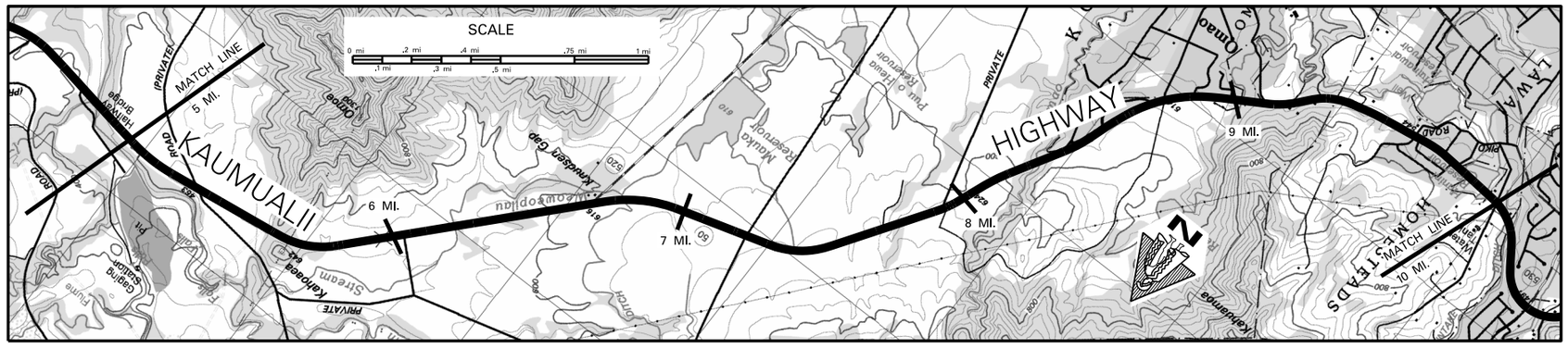
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.92	MILES (a+b)
a. Existing Length:	32.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.92	MILES (a+b, less c)
a. Existing Length:	32.92	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____


SCALE
0 mi .2 mi .4 mi .75 mi 1 mi
.1 mi .3 mi .5 mi
MATCH LINE
5 MI.
KAUMUALII
6 MI.
7 MI.
8 MI.
9 MI.
10 MI.
HIGHWAY
MATCH LINE
KONAWAENA
PRIVATE
Kahoopee Gap
Kahoopee Stream
Kahoupokopiau
Kahoupokopiau Gap
Mauka Reservoir
Puu o Hoku Reservoir
Kahuapaa
Olohena
Olohena Gap
Kahuapaa
Kahuapaa Gap
Kahuapaa Stream
Kahuapaa Reservoir
Kahuapaa Reservoir
Kahuapaa Reservoir

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
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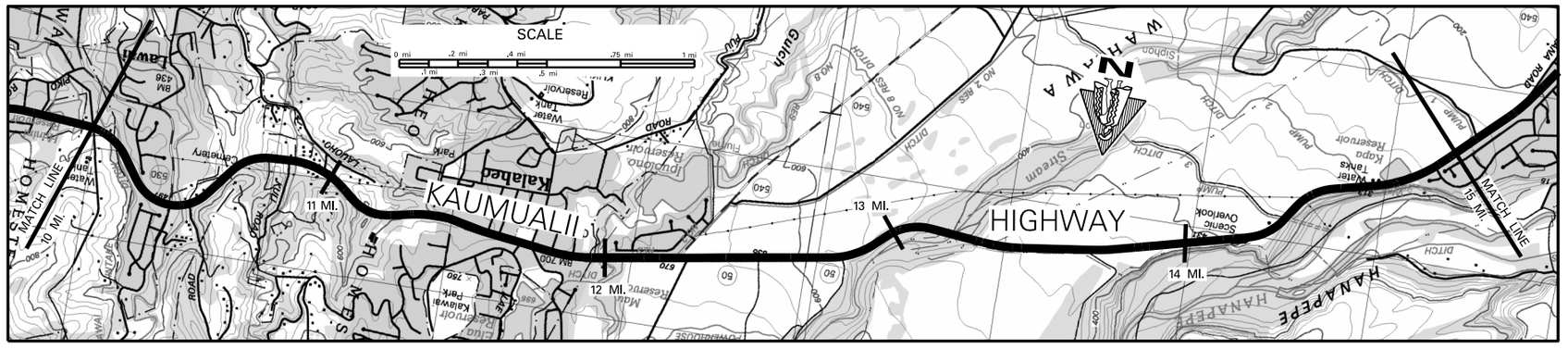
Total Travel Way Length:	32.92	MILES (a+b, less c)
a. Existing Length:	32.92	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

10 11 12 13 14 15

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
- 10.42: PRESTRESSED CONC. GIRDER, 2003, HS-20-44, *BRIDGE WIDENING, 112'
- 13.18: CONT. CONC. FRAME, 1936 (STR) ESH15, 180'

Vertical Clearance
- 10.42: 60'
- 13.18: 24'

Structure Over Road

Horizontal Clearance
- 10.42: 60'
- 13.18: 24'

Vertical Clearance

Right of Way Width (min.–max.) if varies
120' 10.06 | 110' 10.16 | 80' 10.36 | 100' 10.41 | 80' 10.61 | 90' 10.67 | 120' 10.87 | 210' (150') 10.99 | 80' (100') 11.08 | 90' (110') 11.24 | 120' (170') 11.34 | (135') 11.48 | 70' 11.69 | 60' 11.97 | 100' 12.05 | 60' 12.81 | 90' 13.11 | 100' 13.23 | 135' 13.31 | (125') 13.29 | 100' 13.46 | 60' 13.58 | 70' 13.65 | 80' 14.18 | 60' 14.74

Available Right of Way Width (Needs Study)
- Bushes & Trees
- (Chain Link) 11.76 – 11.78
- Clear 1000' Sugar Cane
- W/W 14.18 – 14.38

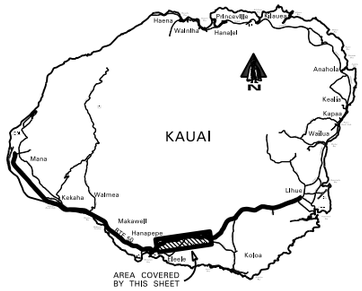
Right of Way Fence: Type – Right and Left

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

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

Project No., Type of Construction, and Year Constructed
- 50CD-02-00M RESURF 2002 10.23
- STP-050-1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005

Project No., Type of Construction, and Year Constructed
- STP-050-1(11) (R), 1993 10.29
- STP-050-1(17) WIDENING 2003 10.57
- 50C-01-01M 2004 RESURFACE 12.32
- 50C-01-00M (R), 2000 13.46
- 50C-02-01M (R) 2004 14.79



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #2

Begin Divided — Wawaia Rd. / Lawai Br. / Koloa Rd. (Old Rte 530) — End Divided — Kuia Rd. — Lauoho Rd. — Anuhea Pl. — Begin Divided — End Divided — Papaalina Rd. — Begin Divided — End Divided — Halewili Rd. (Rte 540) — Begin Divided — End Divided — Cane Haul Rds. — Wahiawa Br. — Road — Hanapepe Valley Lookout — Road to Water Tank — ECB (R) — Road to Water Tank — Begin Divided — Laules St.

KAUMUALII — **HIGHWAY**

11 MP — 12 MP — 13 MP — 14 MP — 15 MP

11.74 mi. — 12.27 mi. — ECB — Opu Rd. / Puuwai Rd. — Road to Olu / Pua Gardens

10.26 mi. 10.40 mi. 10.42 mi. 10.46 mi. 10.56 mi. 10.85 mi. 10.96 mi. 10.97 mi. 11.24 mi. 11.40 mi. 11.45 mi. 11.67 mi. 11.70 mi. 11.75 mi. 11.81 mi. 11.97 mi. 12.12 mi. 12.39 mi. 12.40 mi. 12.52 mi. 12.97 mi. 13.09 mi. 13.19 mi. 13.96 mi. 14.10 mi. 14.24 mi. 14.32 mi. 14.70 mi. 14.83 mi. 14.93 mi. 14.97 mi.

CONTINUED ON SHEET #4

SCALE: (In Miles) 4" = 1 mile

10 11 12 13 14 15

Divided Highway — Undivided

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

Pavement: Width and Type
- 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 20' AC | 24' AC | 12' AC

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

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

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

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

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

Number of Traffic Lanes
- 2–12' | 2–10' | 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- 12' Truck Climbing Lane | 14' Truck Climbing Lane | (1=11' Accel lane)

(Right Side)
- (All TLs 12') | 10.5' (L) TL | 1–12' (R) TL | 1–12' (L) TL | 1–12' (L) TL | 1–12' (R) TL

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)
- 3' AC Gutter | 6' AC Gutter | 3' AC Gut | AC Gutter

Protective Devices: Type, Location and Number — Metal Rails on Metal Posts
- M.V. | M.V.

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)
- A 10.14 | D 10.26 | B 10.72 | C 10.99 | D 11.69 | B 12.05 | A 12.38 | C 12.56 | D 13.09 | A 13.31 | B 13.87 | C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Small Urban (99998)

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

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 2012
- 12,712 | 18,964 | 17,778 | 14,901 | 14,484

HPMS Sections – AADT 2011
- 11,800 | 17,600 | 15,900 | 13,900 | 13,500

HPMS Sections – AADT 2010
- 12,900 | 18,200 | 15,900 | 14,000 | 13,800

DOD Sections

Census Tracts

Functional Classification
- Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits
- STP-050-1(11) (R), 1993 10.43 — 50C-01-90M (R), 1991 — 11.82 — HWY-K-01-91M, 1991 — 12.06 — STP-050-1(9) (WIDENING), 1996 — 12.44 — STP-050-1(9), 1995 — 12.98 — HWY-K-01-91M (R) 1991 — 13.48 — 50C-01-87M (R), 1987 — 14.83 — 50C-01-90M (R), 1991
- STP-050-1(11), R, 1993 — (50CD-01-87M (R), 1987) — 12.38
- 10.24 — 10.43 — 10.45 — HWY-K-01-87 SECTION 1 (GARDRAIL & SHLD, IMPRV.), 1987 — 10.93 — 11.54 — HWY-K-01-91M (R), 1991 — 12.06 — 13.34 — 13.47 — (HWY-K-01-77M(R), 1977) — 13.63 — 14.67 — HWY-K-01-77M (R), 1977 — 13.48 — 50C-01-87M (R), 1987 — 14.83
- 50D-01-67, 1968 — 10.35 — 50 CD-01-75M, 1975 — 11.68 — 50D-01-67, 1968 — 11.88 — 50-D-02-67, 1967 — (HWY-K-01-77M(R), 1977) — 13.48 — 50A-01-71, 1970
- 50CD-01-75M, 1975 — 10.24 (87+56) — 10.37 (157+76) — (50CD-01-70, 1974) — NRH-12B, 1933 — (0+00) 11.71 — NRH-12C, 1935 — (37+84) 12.48 — (40+00) — 50 CD-01-70, 1974 — (0+00) 13.15 — (75+00) — NRH-12D, 1935 — 13.53 (96+00) — FAP 12J, 1938

SCALE: (In Miles) 4" = 1 mile

10 11 12 13 14 15

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Dec. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Aug. 12	E.P.J.
June 13	D.B.
Dec. 13	E.P.J.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

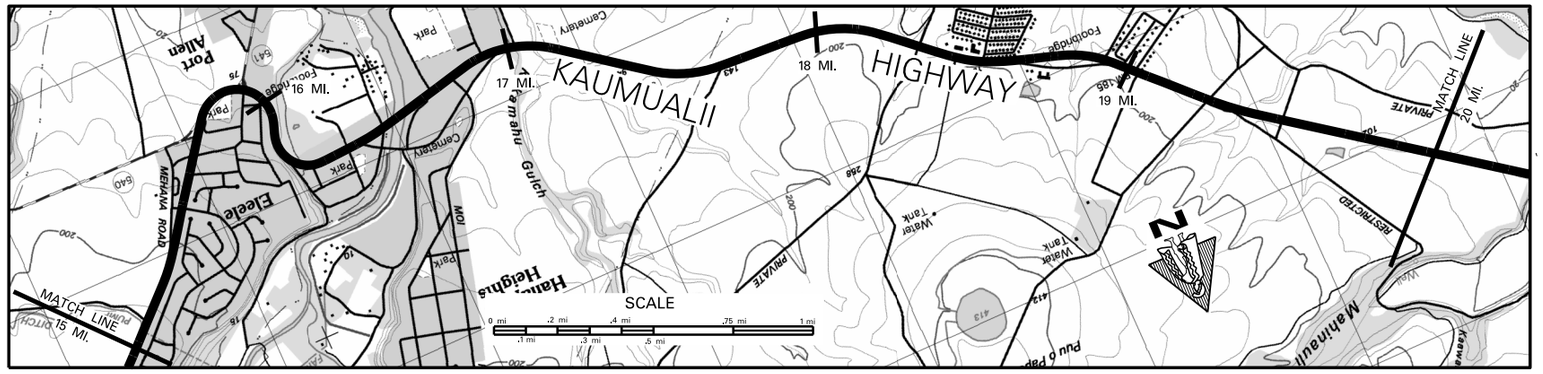
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.92	MILES (a+b)
a. Existing Length:	32.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.92	MILES (a+b, less c)
a. Existing Length:	32.92	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 _____


Port Allen
Eleele
MENAHA ROAD
Hanapepe Heights
Kaumualii Highway
Waimea Canyon
Kekaha
Waimea
Kalaheo
Lawai
Koloa
Poipu
Lihue
Kapaa
Wailua
Kilauea
Hanalei
Waimea
Kekaha
Makaweli
Lawai
Koloa
Lihue
Kapaa
Kilauea
Hanalei
Waimea
Kekaha

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

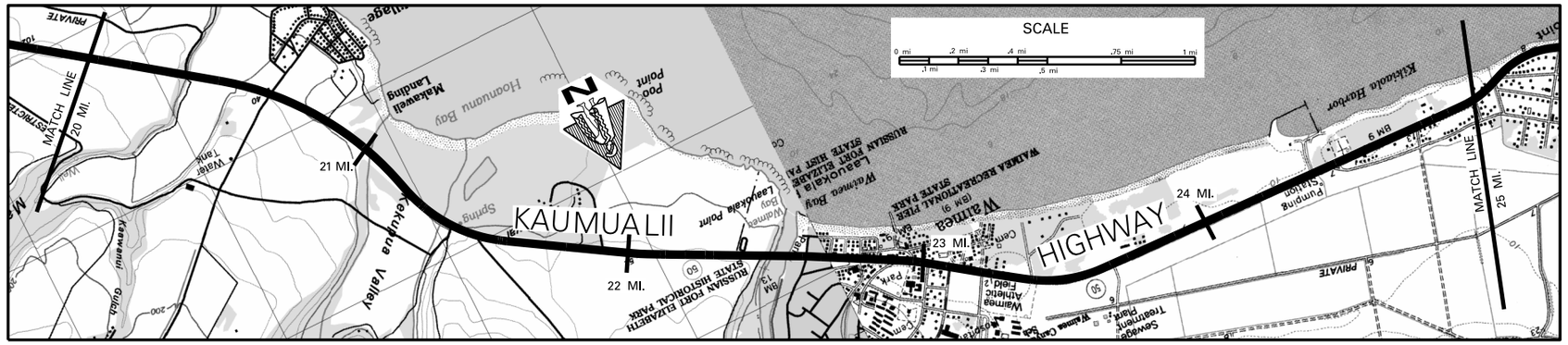
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.92	MILES (a+b)
a. Existing Length:	32.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.92	MILES (a+b, less c)
a. Existing Length:	32.92	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. | 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'	20.72	
TEE BEAM 1948, H20	75'	21.35	
TEE BEAM 1940, H20	365'	22.47	

Vertical Clearance

26'		26'	26'

Horizontal Clearance

26'		26'	26'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

| | | |

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

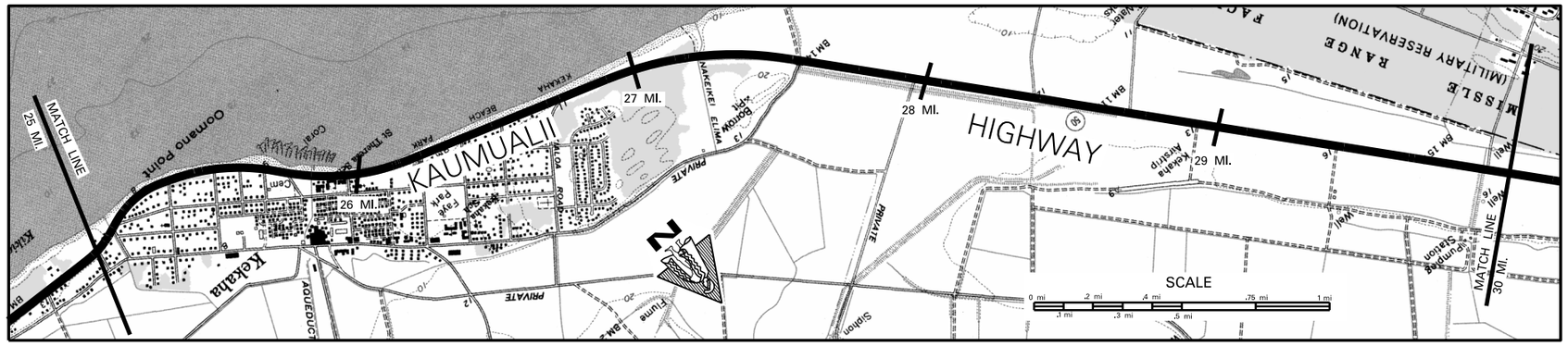
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.92	MILES (a+b)
a. Existing Length:	32.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.92	MILES (a+b, less c)
a. Existing Length:	32.92	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.)

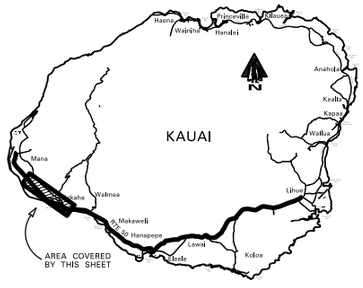
Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed — RC CONT. FLAT SLAB (CNL) HS-20, 1957 (68' / 42') | RC FLAT SLAB (CNL) 1957 (33' / 42')
- Vertical Clearance
- Horizontal Clearance

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.–max.) if varies — 80' | 100'
- Available Right of Way Width (Needs Study) — Residential (R) Beach (L) | 1000' Clear (Bushes & Sugar Cane 20' F.E.P.)
- Right of Way Fence: Type – Right and Left — Wood 25' FEP | WW 50' FEP | 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
- Project No., Type of Construction, and Year Constructed — 50AB-01-08M, Pav't Marking, 2009
- Project No., Type of Construction, and Year Constructed — STP-050-1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005



Road Diagram
MP = MIlepost SIgnage

CONTINUED FROM SHEET #5 — 25 mi.

Akapa Rd. | Elepalo Rd. | Manu Rd. | ECB R | Aukuu Rd. | Pueo Rd. | Nene Rd. | Moho Rd. | Iwa Rd. | Kala Rd. | Alae Rd. | Amaakhi Rd. | Akekeke Rd. | Ahlaloa Rd. | ECB R | Bridge #4 | Bridge #3 | Bridge Road | Begin Divided | Cane Haul Rd. | Begin Divided | Dirt Roads | End Divided | End Divided | Kekaha Landfill | 250+30 | End Divided | ECB L | Road | Cane Haul Rd. | Tantar Dr.

KAUMUALII HIGHWAY

26 MP | 27 MP | 28 MP | 29 MP | 30 MP

25.01 mi. | 25.12 mi. | 25.10 mi. | 25.28 mi. | 25.35 mi. | 25.51 mi. | 25.59 mi. | 25.68 mi. | 25.76 mi. | 25.97 mi. | 25.94 mi. | 26.22 mi. | 26.37 mi. | 26.52 mi. | 26.68 mi. | 26.90 mi. | 26.94 mi. | 27.21 mi. | 27.57 mi. | 27.56 mi. | 27.96 mi. | 27.93 mi. | 28.02 mi. | 28.24 mi. | 28.40 mi. | 28.36 mi. | 28.34 mi. | 28.89 mi. | 28.94 mi. | 28.92 mi. | 29.33 mi. | 29.28 mi. | 29.42 mi. | 29.94 mi. | 29.93 mi.

CONTINUED ON SHEET #7 — 30 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

	Undivided	Divided
Shoulder: Width and Type	4' AC	0'–11' Painted AC
Pavement: Width and Type	24' AC	0
Shoulder: Width and Type	4' AC	12' AC
Median: Width and Type		6' AC
Shoulder: Width and Type		
Pavement: Width and Type		
Shoulder: Width and Type		

- Number of Traffic Lanes — 2–12' | 2–11' | 2–12' | 2–11'
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 11' TLs
- (Right Side) — 11' TLs
- Frontage Road: No. of Lanes, and Width (Right and Left) — None
- Sidewalk: Width and Type (Right and Left) — None
- Curb and/or Gutter: Type (Right and Left) — None
- Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL
- Illumination: Type, Location and Number — M.V. | (M.V.) | M.V.
- Curves: Degree of Curvature (Right and Left)
- Superelevation (Range)
- Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) — A
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: — Small Urban (99998) | Rural (99999)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous — Flat (1)
- Speed: 1–Design, 2–Posted — 35 MPH (2) | 50 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing — None
- Traffic Stations (Current Year) — B73 0050 02448 | B73 0050 02622 | B73 0050 02869
- HPMS Sections – AADT 2012 — 7,263 | 3,543 | 1,355
- HPMS Sections – AADT 2011 — 5,054 | 3,300 | 1,300
- HPMS Sections – AADT 2010 — 5,105 | 3,600 | 1,200
- DOD Sections
- Census Tracts
- Functional Classification — Minor Arterial (4)
- National Highway System (NHS) — Not on NHS (0)
- Previous Projects: Project No., Date and Limits — (F-050-1(1), 1957) (BD 66-341 (R), 1967) | ER-11(2), 1997 | ER-10(2) (STORM DAMAGE RECONSTRUCTION), 1984 | F-050-1(1), 1957 | 50E-03-68 (R), 1968 | HWY-K-01-82M (R), 1968 | STP-050-1(12) (GUARDRL. & SHLDR. IMPRV.), 1995 | BD 66-341 (R), 1967 | STP-050-1(13) (R), 1995 | 50A-01-89M (R), 1990 | LT-K-03-80M (R), 1980 | 50E-03-68 (R), 1968 | LT-K-03-80M (R), 1980 | 50 E-03-68 (R), 1968 | DAWR 1, 1942 – 1944 | DAWR 1, 1942 – 1944

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

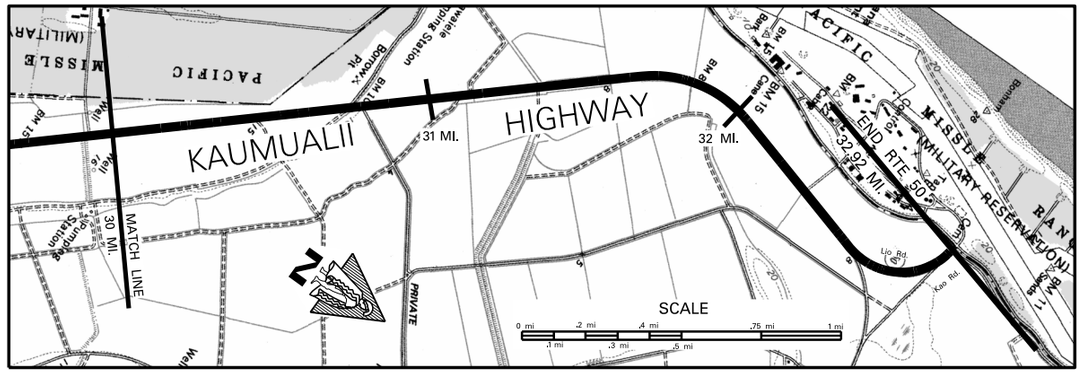
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 32.92 MILES (a+b)
- a. Existing Length: 32.92 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 32.92 MILES (a+b, less c)
- a. Existing Length: 32.92 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Maintenance Control Sections : Length and Description

50 A (8.45 MI.) — BEG. 50 A – SAME AS END RTE 50.

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- RC FLAT SLAB (CNL) HS–20, 1957 — 41' (31.14)
- RC FLAT SLAB (CNL) HS–20, 1957 — 41' (31.57)

Vertical Clearance
- 42' (31.14)
- 42' (31.57)

Structure Over Road

Horizontal Clearance

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study): 1000' Clear (Bushes & Sugar Cane 20' F.E.P.)

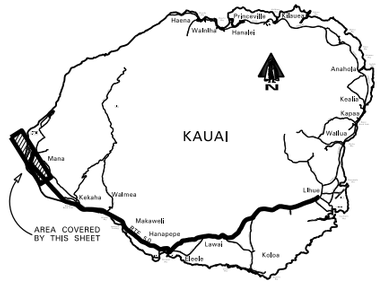
Right of Way Fence: Type – Right and Left: NONE

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

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

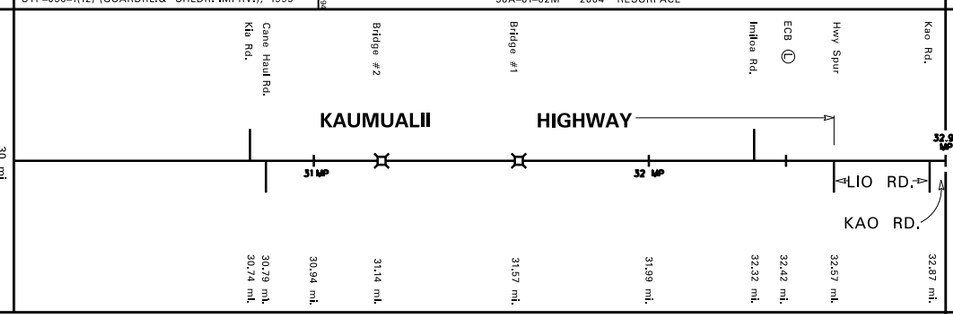
Project No., Type of Construction, and Year Constructed
- STP–050–1(25), (GUARDRL.& SHLDR. IMPRV.), 2005 (31.60)
- STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 (30.94) — 50A–01–02M 2004 RESURFACE

Project No., Type of Construction, and Year Constructed



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #6



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '12 VIDEOLOG & '12 FEATURES DATABASE.
*32.92 mi. END RTE 50 ON KAO ROAD AT THE NORTH ENTRANCE GATE OF THE PACIFIC MISSLE RANGE FACILITY.

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Divided Highway — Undivided

Shoulder: Width and Type: 6' AC

Pavement: Width and Type: 22' AC

Shoulder: Width and Type: 6' AC

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes: 2–11'

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

(Right Side)

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

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

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

Protective Devices: Type, Location and Number ALL GUARDRAILS METAL ON METAL
- 31.07 – 31.14
- 31.57 – 31.65

Illumination: Type, Location and Number: NONE
- 31.06 – 31.12
- 31.58 – 31.66

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45): A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:: Rural (99999)

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

Speed: 1–Design, 2–Posted
- 50 MPH (2)
- 32.22
- 35 MPH (2)

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

Traffic Stations (Current Year)
- B73 0050 02869
- B73 0050 03256
- (B73 0050 03287)

HPMS Sections – AADT 2012
- 1,355
- 636 (758)

HPMS Sections – AADT 2011
- 1,300
- 32.56 617 32.87 (736)

HPMS Sections – AADT 2010
- 1,200
- 623 (743)

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits
- STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995
- 30.94 — 50A–01–89M (R), 1990
- 31.17 — (F–050–1(1), 1957) — 31.61 — 50A–02–70 (R), 1970 — (F–050–1(1), 1957) — 32.54
- DAWR 1, 1942 – 1944 (31.16) (31.60) (32.55)

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.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.

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

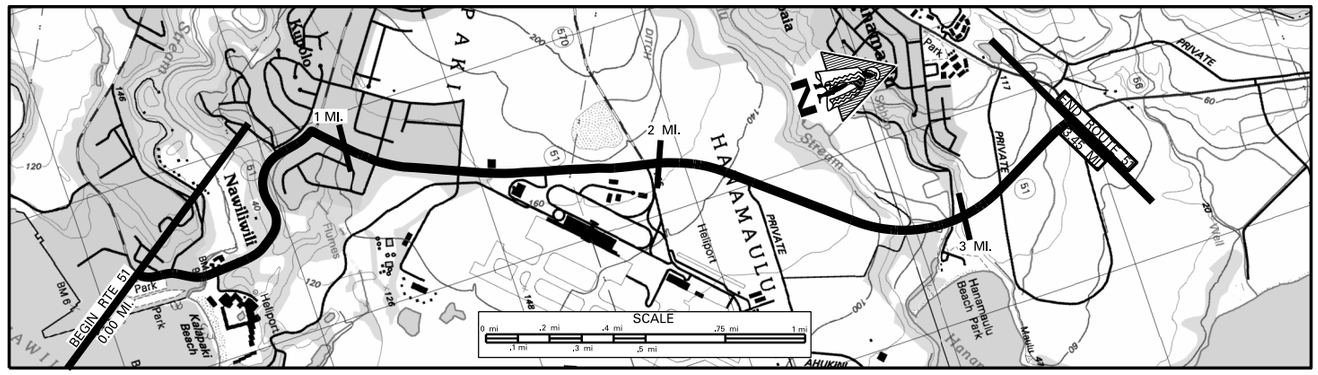
Total Route Length: 3.45 miles

a. Survey Length: 3.45 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

Begin 51A Same as Begin Rte 51 — 51A (0.91 MI.) — End 51A on Rice St, 830' N.W. of Mokol 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 — 50' (0.21) — PRESTRESSED CONC. GIRDER, 1988 HS–20–40 — 1140' (2.78)

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

24' — 40'

Horizontal Clearance

120'–165' — 205'–285'

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

80' (0.11) 50' (0.35) 60' (0.77) 70' (0.80) 60' (0.85) 50' (0.93) 100' (1.58) 160' (2.27) 150'–155' (2.49) 180' (2.86) 190' (2.93) 120'–165' (2.76) 205'–285' (2.86) 120'–195' (3.02) 180'–210' (3.15) 150'–165'

Available Right of Way Width (Needs Study)

Res./Comm. (0.50) Trees & Bushes (0.93) Res./Comm. (1.77)

Right of Way Fence: Type – Right and Left

Wire (1.48) (1.52)

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

None

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

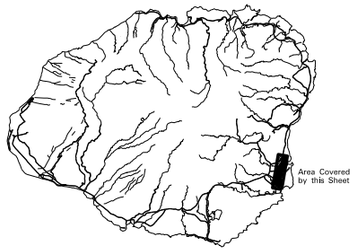
State

Project No., Type of Construction, and Year Constructed

NH–051–1(10), R, 2002 (0.00) — STP–051–1(9), Imprv., 2000 (1.01) (1.20) — STP–051–1(20), Imprv., 2000 (1.77) (2.09) — 51B–01–00M, 2001, Imprv.

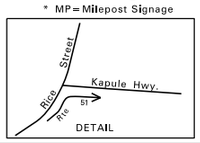
Project No., Type of Construction, and Year Constructed

STP–0700(38), 1998 (0.43) (0.74) — 51B–01–92M, (R) 1993 (0.84) (1.50) — DP–F–051–1(3), 1975 (1.74) — F–051–1(7), 1988 (2.79) — F–051–1(8), '88 (2.99) — F–051–1(7), 1988



Road Diagram

* MP = Milepost Signage



Begin Rte 51 on Waapa Road at the Centerline of Nawiliwili Road Intersection. (Rte 58) — 0.00 mi.

End Divided — Begin Divided — Nawiliwili Br. — Driveway (R) — Leila Rd. (L) — Begin Divided — Kalapaki Rd. — Begin Divided — End Divided & Begin Divided to Kauai Marriott Resort — Begin Divided — Takem Sta. 51007 Mokol St. — End Divided Rice St. — Begin Divided — Halau St. (L) — End Divided — Ninini Point St. (R) Road (L) — Military Museum — Begin Divided — Kaana St. — Cane Haul Rd. — Ahukini Rd. (Rte 570) — End Divided — Cane Haul Rd. — Hanamaulu Viaduct — Begin Divided

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

0.13 mi. 0.21 mi. 0.26 mi. 0.19 mi. 0.33 mi. 0.38 mi. 0.05 mi. 0.08 mi. 0.02 mi. 0.81 mi. 0.74 mi. 0.92 mi. 0.88 mi. 0.98 mi. 1.02 mi. 1.10 mi. 1.21 mi. 1.37 mi. 1.46 mi. 1.52 mi. 1.64 mi. 1.77 mi. 1.97 mi. 1.96 mi. 2.21 mi. 2.29 mi. 2.79 mi. 3.04 mi. 3.01 mi. 3.25 mi. 3.49 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '12 VIDEOLOG & '12 FEATURES DATABASE.

End Rte 51 on Kapule Hwy at the South Eastrige of Pavement of Kuhio Highway (Rte 56). *3.45 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway — Undivided

Shoulder: Width and Type

8' AC (0.24) 4'–6' Grs. — 4'–6' AC (0.97) 2' AC/ 4' Grass — 10' AC (1.08) 10' PCC (1.56) 8' PCC (1.81) 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 — 12' PCC — 24' PCC — 12' PCC — 12' AC — 24' AC (2.79) — 24' PCC (3.01) — 24' AC — 12' AC

Shoulder: Width and Type

0 — 0 — 8' AC — 0 (0.41) 2'–4' AC — 0 — 9' AC — 0 — 8'–10' PCC — 0 — 8' AC — 8' PCC — 8' AC — 0

Median: Width and Type

(10' Paint) — 10' Paint — (10' Paint) (0–8' Painted AC) — 6' Painted Median AC PCC — 24' Painted PCC — 24' Painted AC — 12' Painted AC

Median Barriers:

(0.19) (0.33) (0.38) (0.81) (0.92) (1.02) (1.21) (1.52) (1.81) (2.21) (3.25)

Shoulder: Width and Type

0 — 0 — 0 — 0 — 1.08 0 — 0 — 0 — 0

Pavement: Width and Type

12' AC — 12' AC — 12' AC — 12' AC — 12' AC — 12' PCC — 12' PCC — 12' AC — 12' AC

Shoulder: Width and Type

8' AC — 8'–10' AC — (4'–8' AC) — 8' AC — 10' AC — 10' PCC — 8'–10' PCC (1.81) — 8'–10' AC — 8' AC

Number of Traffic Lanes

2–12'

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

10' (0.05) 12' (0.38) 12' Truck Climb Lane (0.83) (0.86) 10' (1.04) 10' (1.35) 12' (1.57) 12' (1.71) 12' AUX LANE (1.85) 12' (1.96) 12' (2.07) 10' (3.29) 12' (3.32)

(Right Side)

None

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

Sidewalk: Width and Type (Right and Left)

4' Conc. (0.02) (0.42) (0.57)

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

BP Curb (0.39) Conc. Gutter (0.46) (0.77) (1.38) (1.24) (Conc. Curb) (1.96) AC Curb (2.39) 2' Conc. Gutter (2.58) (2.74) (3.28) 2' Conc. Gutter (3.03) (3.16) AC Curb

Protective Devices: Type, Location and Number

Metal Rails on Concrete Posts

Illumination: Type, Location and Number

M.V. (0.02) (0.07) Inc. (0.27) (0.76) Inc. (0.93) M.V. (1.83) (2.38) M/M (2.74) M/M (3.03) M.V. (3.38)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)

A (0.22) D (0.88) B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Small Urban (99998)

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

Flat (1) (0.27) Mountainous (3) (0.77) Flat (1)

Speed: 1–Design, 2–Posted

25 MPH (2) (0.69) 35 MPH (2) (1.02) (1.19) 40 MPH (2) (1.87) (1.78) 35 MPH (2) (2.18) 50 MPH (2) (3.34) 35 MPH(2) (3.45)

Intersection Control Devices: Type, Location and Cycle Timing

Stop Sign (0.45) 4 Phase (1.05) Traffic Light (1.62) 4 Phase (1.94) (2.05) 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 2012

14,366 — 13,113 — 13,900 — (16,525) — 13,658 — 20,111

HPMS Sections – AADT 2011

13,094 (0.12) — 12,731 (0.41) — 13,800 (0.81) — (14,676) — 12,200 (1.94) — 18,800

HPMS Sections – AADT 2010

13,225 — 12,858 — 14,823 — (14,823) (0.87) — 12,200 — 19,000

DOD Sections

Census Tracts

Functional Classification

Principal Arterial (3)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

(50E–05–69, 1969, Resurf, & Truck Climb)

(STP–058–1(2), Realign, 1993) — (0.08) 51A–01–88M, (R) 1988 (0.79) (0.90) DP–F–051–1(3), 1975 (1.74) F–015–1(7), 1988

County (0.09) FAP E–12–A, 1932 — 50E–05–69, 1969 (0.87) (0.88) DP–F–051–1(3), 1974 (2.00) F–051–1(8), 1988 (2.78) (2.99)

(FAP–E–12–A, 1932)

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
April 04, D.B.

Revised	
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

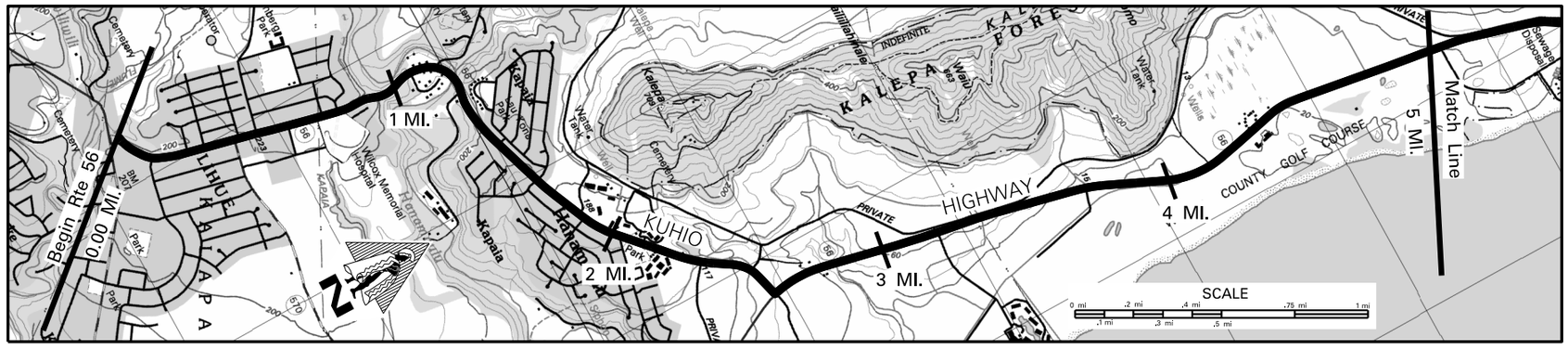
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	28.12	MILES (a+b)
a. Existing Length:	28.12	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.12	MILES (a+b, less c)
a. Existing Length:	28.12	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: 15.7'

Horizontal Clearance: 12.2'

Structure Over Road

Vertical Clearance: 27'

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 85' (0.14) 50' (0.32) 70' (0.38) 80' (1.06) 60' (1.29) 120' (1.38) 80' (1.43) 65' (1.72) 70' (1.80) 60' (4.18) 100'

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

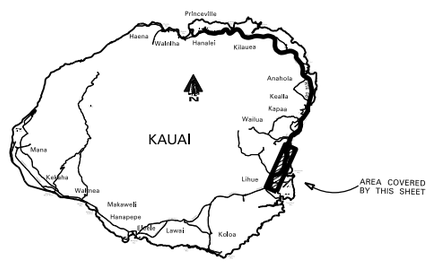
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't): Chain Link 50' FEP (0.80) (0.95)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 133+47.30 (56A–01–04M, RESURF., 2005) 223+82.50 State 250+00

Project No., Type of Construction, and Year Constructed: (50E–01–98, 2001 (REALIGNMENT)) 0.12 56A–01–00M 2004 RESURFACE 0.89 0.97 1.03 56A–01–04M, RESURF., 2005 2.42 2.68 HSIP–056–1(53), 2012, SAFETY IMPROVEMENTS 352+98 4.92

Project No., Type of Construction, and Year Constructed: 56A–01–89M (R) 1989 0.79 139+00 144+50 56A–01–93M (R) 1994 2.02 56A–01–90M (R) 1991 2.39 F–051–1(7) 1988 2.59 STP–056–(41) (R) 1999 303+55 3.98 STP–0700(58), GUARDRAILS, 2008 (HWY–K–03–00, Improvements, 2003) 4.92



Road Diagram
* MP=Milepost Signage

Beg. Rte 56 on Kuhio Highway at the Centerline Intersection of Rice Street and Kaumualii Highway (Rte 50). 0.00 mi.

Spur from Rice St. 0.03 mi. — End Divided Hwy. 0.10 mi. — Hardy St. Parking Lot D.W. 0.14 mi. — Kalle Rd. 0.17 mi. — Pohchana St. 0.26 mi. — Oxford St. 0.32 mi. — End Divided Hwy. 0.42 mi. — Begin Divided Hwy. 0.44 mi. — Ehiku St. 0.50 mi. — End Divided Hwy. 0.51 mi. — Begin Divided Hwy. 0.55 mi. — Rd. to Wal-Mart 0.61 mi. — End Divided Hwy. 0.73 mi. — Eha St. (L) 0.78 mi. — Begin Divided Hwy. 0.80 mi. — Wilcox Memorial Hospital (R) 0.82 mi. — End Divided Hwy. 0.99 mi. — Begin Divided Hwy. 1.07 mi. — Kapaia Bridge 1.16 mi. — End Divided Hwy. 1.19 mi. — Begin Divided Hwy. 1.22 mi. — Kapaia Rd. 1.29 mi. — Begin Divided Hwy. 1.51 mi. — Nuku St. 1.50 mi. — Paved Rd. 1.51 mi. — Begin Divided Hwy. 1.58 mi. — Laukona St. 1.69 mi. — End Divided Hwy. 1.76 mi. — Laulima St. 1.90 mi. — Begin Divided Hwy. 1.98 mi. — Road (L) 2.03 mi. 1.99 mi. — Kakepa Cir. 2.04 mi. — Hanamaulu Rd. (R) 2.11 mi. — End Divided Hwy. 2.17 mi. — Huila Rd. 2.18 mi. — Begin Divided Hwy. 2.41 mi. — Telem. Sta. 56024 2.43 mi. — Paved Roads 2.49 mi. — 2.60 mi. — Kapaia Hwy. (Rte 51) — End Divided Hwy. 2.73 mi. — Driveway 2.80 mi. — End Divided Hwy. 2.99 mi. — Begin Divided Hwy. 3.10 mi. — Kauai Beach Dr. (Radisson Kauai Beach Resorts) 3.19 mi. — End Divided Hwy. 3.32 mi. — Road to Wailua Rd. to Kauai Jail 3.52 mi. — Marine Camp Road 3.73 mi. — ECB 3.81 mi. — Begin Divided Hwy. 3.99 mi. — Golf Course 4.22 mi. — End Divided Hwy. 4.31 mi. — 4.35 mi. — Begin Divided Hwy. 4.43 mi. — 4.51 mi. — Begin (L) ECB Divided 4.98 mi. — Continued on Sheet #2 5.00 mi.

KUHIO — HIGHWAY

1 MP — 2 MP — 3 MP — 3.50 MP — 4 MP — 4.50 MP — 5 MP

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 2'–8" AC (0.03) (0.32 AC) 0' (0.41.5' AC) 2' AC (0.78) (21.5' AC) 2'–5' AC (1.05) (22' AC) 4' AC (1.82) 6'–10" AC (2.17) 4' AC (2.38) 6'–8" AC (2.79) 40' AC (2.87) 6' AC

Pavement: Width and Type: 24' AC (10' AC) (0.20) 40' AC (0.50) (31.5' AC) 32.5' AC (0.78) (21.5' AC) 33.5' AC (0.90) 32.5' AC (1.05) 11' AC 22' AC 11' AC (1.82) 22' AC 11' AC (2.17) 22' AC (24' AC) 13' AC (2.60) 12' AC (33.5' AC) 32' AC 10.5' AC 6' AC 32' AC 10.5' AC 32' AC 12' AC

Shoulder: Width and Type: 0' (0.14) 0' (0.61) 0' 0' 0' 4' AC (1.52) 4' AC 0' 7' AC 0' 4' AC (2.38) 0' 6' AC (2.88) 0' 6' AC 0' 6' AC 0'

Divided Highway — Undivided

Median: Width and Type: 2'–6" Raised Conc. (0.15) (0.17) (0'–12' Painted AC) (0'–8' Painted AC) (0.51) (0.85) (0.76) (0'–10' Painted AC) (1.07) 0'–11' Painted AC (1.39) 0'–11' Painted AC (1.58) 0'–11' Painted AC (1.76) 0'–11' Painted AC (2.38) (8'–10' AC) 0'–13' Painted AC (2.73) (Milled C/L Rumble Strip) (3.10) 0'–11' Painted AC (3.32) 0'–10' Painted AC (4.43) Milled C/L Rumble Strip (4.89) 0'–18' Painted AC

Shoulder: Width and Type: 0' (0.14) 0' (0.20) 0' 0' 0' 0' 0' 0' 0' 0' 0' (11' AC) 0' (2.48) 0' 0' 0' 0' 0'

Pavement: Width and Type: 24' (22' AC) (0.20) 20' AC 12' AC 11' AC 11' AC 11' AC (11' AC) 12' AC (2.65) 21.5' AC 21.5' AC 21.5' AC

Shoulder: Width and Type: 0' (0.14) 4' AC (2.03) 4' AC 4' AC (1.72) (7' AC) (7' AC) (2.02) 4' AC 8'–10' AC (2.53) 4' AC 6' AC 6' AC 6' AC

Number of Traffic Lanes: 4–12' (0.14) 2–11' 1–10' 2–10' 0.50 (CTR) 1–11', (SIN) 1–10.5' 1.05 1–11' 2.40 1–13' 2.60 1–12' 2.80 1–10.5' 4.89 1–12' (CTR)1–11', (SIN)1–10.5'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) / (Right Side): 12' (0.10) (0.14) 10' (0.26) (0.32) (0.55) 10' AUX (0.61) (0.68) 10' (1.05) (1.07) 11' Bus (1.30) 1.46 11' Truck Climbing Lane (R) 1.55 (1.89) (1.98) (2.04) (2.11) 11' (Same as Through Lane) (2.53) 10' AUX (2.65) None (3.09) (3.19) (3.27) (3.32) (3.37) (4.35) (4.39) 11'

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

Sidewalk: Width and Type (Right and Left): 4' Conc. 0.79 2.04 8' Conc. 2.16

Curb and/or Gutter: Type (Right and Left): 0.13 4' Conc. 4' Conc. 1.02 1.66 4' Conc. 2.02 Conc. Curb & 2 Gutter 0.19 Conc. Curb AC Curb 0.76 (Conc. Curb & Gutter) 1.26 Conc. Curb 1.57 Conc. Curb & 2 Gutter 0.19 Conc. Curb AC Curb 0.78 Type 2 Conc. Gutter 3.08 2.88 3.00 4.01 4.89 (Conc. Curb)

Protective Devices: Type, Location and Number (M/M=Metal Rail on Metal Post, M/C=Metal Rail on Conc. Post): M/M 0.33 0.46 0.50 0.59 M/M 10' (On Right Median) 0.71 0.78 0.82 M/M 1.07 1.45 2.73 M/M 3.00 M/M 3.98 4.90

Illumination: Type, Location and Number: 0.13 Mercury Vapor 0.17 2.16 3.98 4.04 4.27 Mercury Vapor

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): C 0.46 B 0.23 A 0.77 C 1.24 E 1.42 C 1.54 B 1.96 C 2.39 B 3.14 A 3.21 B 3.58 C 3.71 A 4.89 B

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

Area and Development: Small Urban (99998)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: 0.78 Mountainous (3) 1.51 Rolling (2) 2.44 Flat (1)

Speed: 1–Design, 2–Posted: 25 MPH (2) 1.30 35 MPH (1) 1.59 25 MPH (2) 2.39 35 MPH (2) 2.70 2.80 40 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 0.00 3 Phase 0.37 0.42 2 Phase 0.67 0.72 3 Phase 1.68 2 Phase 2.60

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

HPMS Sections – AADT 2012: 729 — 20,527 — 19,485 — 15,943 — 14,700 — 31,260

HPMS Sections – AADT 2011: 24,346 — 19,100 — 18,100 — 14,900 — 13,300 — 29,100

HPMS Sections – AADT 2010: 23,836 — 18,700 — 16,300 — 16,900 — 13,700 — 28,500

DOD Sections

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

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

2.59 STP–056–(41) (R) 1999

(56A–02–72, 1976) (56A–01–75M (R)) 0.79 56A–01–76M (R) 1975 1.27 (56A–02–67, 1967) 0.53 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 1958

(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 (F–12(18), 1950) (A–66–01–64, (R) 1965) F–12(18) 1950 (LT–K–02–79 (SHLDR, & GUARDRAIL (IMPRV.) 1980)

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
July 04	D.B.
Jan. 06	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
May 13	D.B.
Dec. 13	E.P.J.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

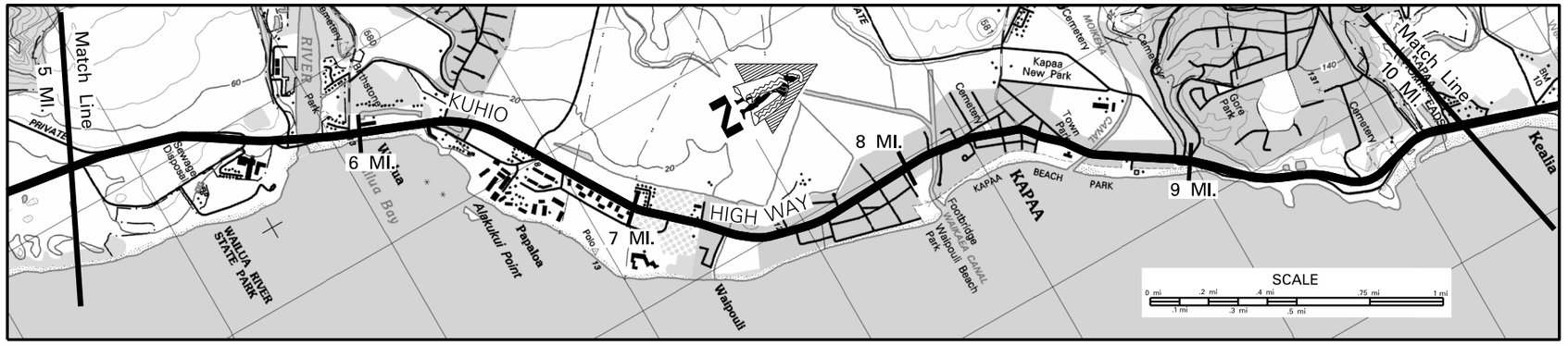
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	28.12	MILES (a+b)
a. Existing Length:	28.12	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.12	MILES (a+b, less c)
a. Existing Length:	28.12	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 Malihuna Rd. — 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'
5.77	7.32	8.09	8.64		9.89

Vertical Clearance

28'	46'	56'	30'		28'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

| | | | | |

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

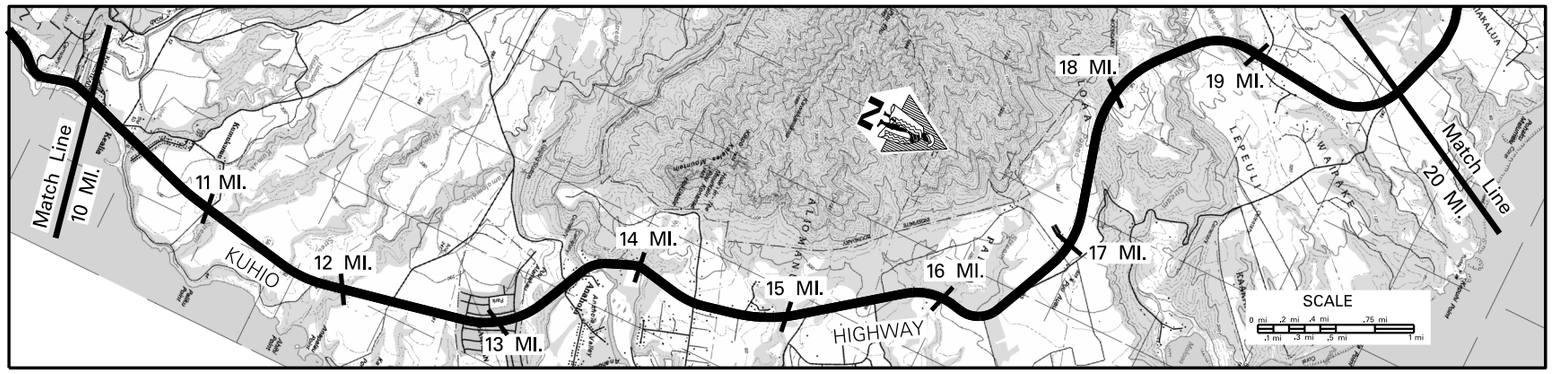
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 28.12 MILES (a + b)
a. Existing Length: 28.12 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.12 MILES (a + b, less c)
a. Existing Length: 28.12 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

10 11 12 13 14 15 16 17 18 19 20

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	RC RGD FM FL SL (STR) 1960	RC Deck Girder (GTR) 1957	Prestressed Conc. Girder (STR) 1965
	214' (13.63)	20' (14.03)	68' (15.89)	240' (18.47)
Horizontal Clearance	28'	28'	40'	28'

Structure Over Road

Vertical Clearance
Horizontal Clearance

Right of Way Width (min.–max.) if varies: (100') (80') Varies 80' to 160' (16.39) Varies 80' to 260'.

Available Right of Way Width (Needs Study): Residential (10.09) | Clear 1000' – Sugar Cane | Residential (12.75) | Clear 1000' – Pineapple / Sugar Cane (17.22) | Bushes and Trees

Right of Way Fence: Type – Right and Left (FEP – From Edge of Pav't.)

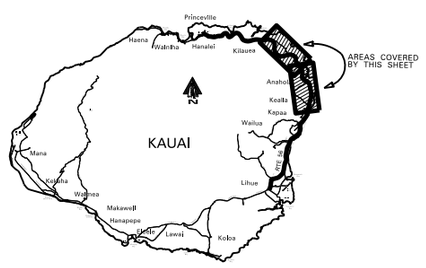
	12.94 C.L. 13.09	14.16 C.L. 14.30	15.54 C.L. 15.69	17.34	Wire on Wood 35' FEP
	12.96 C.L. 13.11		15.54 C.L.	17.34	Wire on Wood 35' FEP
	(25' FEP)	(15' FEP)	(20' FEP)		18.98

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

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

Project No., Type of Construction, and Year Constructed

56B–01–01M 2004 (R) 11.00	56 BC–01–99M, RESURF., 2000		30 + 40 (15.89) 26 + 00		45 + 60 43 + 60 (19.31)
STP–0700(28) (SHLDR. & G.R. IMPRV.) 1994 (11.62)	HES–056–1(32) (SHLDR. & G.R. IMPRV.) 1990 (12.35)	FR–0700(22) (R) 1983 (14.02)	STP–056–1(38) (R) 1996 (15.07)	56C–01–88M (R) 1988 (15.87)	(STP–0700(58), GUARDRAILS, 2008) (STP–0700(58), GUARDRAILS, 2008) (19.27)
				ER 5(1) 1957 (16.27) 50D–56AB–01–70 (SHLDR) 1970 (16.70)	(56C–01–87M (R) 1987) STP–056–1(42) (R) 1999



Road Diagram
* MP = Milepost Signage

Continued from Sheet #2 — 10.00 mi.

KUHIO HIGHWAY

Rd to Beach Park; End Divided Kealia Rd. (L) Begin Divided (10.05 mi.); End Divided Kealia Rd. (R) Begin Divided (10.15 mi.); ECB; Kamoa Road (10.24 mi.); Cane Haul Rd. Begin Divided (10.34 mi.); End Divided Begin Divided (10.60 mi.); End Divided Makamaeli St. Begin Divided (10.72 mi.); End Divided Begin Divided (10.98 mi.); ECB; End Divided Cane Haul Rd. Begin Divided (11.01 mi.); End Divided Begin Divided (11.13 mi.); Cane Haul Rd. (11.21 mi.); End Divided Begin Divided (11.28 mi.); Kukuiula Road (11.41 mi.); End Divided Ioane Road Begin Divided (11.51 mi.); End Divided Kalaiea Road Begin Divided (11.62 mi.); Anahola Br. (11.77 mi.); Kealia Rd. (L) 13.51 mi.; Anahola Rd. (11.82 mi.); Kikoo Loop (11.93 mi.); Pi'u Hale Loop (R) (11.98 mi.); Pi'u Hale Loop (L) (12.32 mi.); Payed Road Aliomanu Rd. Begin Divided (12.66 mi.); End Divided Kokalele Rd. Begin Divided (12.79 mi.); ECB; 14.46 mi. (12.84 mi.); Hui Road (13.02 mi.); Aliomanu Br. (13.12 mi.); Aliomanu Rd. (13.17 mi.); Unimproved Road Papaa Rd. (13.55 mi.); Papaa Br. (13.64 mi.); 28 + 10 (13.56 mi.); Kooiau Rd. (13.85 mi.); Ent. to Meadow Gold Dairies (13.78 mi.); HIGHWAY (14.07 mi.); Moloaa Br. (L) ECB (14.41 mi.); (14.32 mi.); End Divided Kapuna Rd. Begin Divided (14.49 mi.); 57 + 40 (14.72 mi.); Kooiau Rd. (14.86 mi.); (14.94 mi.); (15.12 mi.)

Continued on Sheet # 4 — 20.00 mi.

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Divided Highway

| | Undivided | | | | |

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

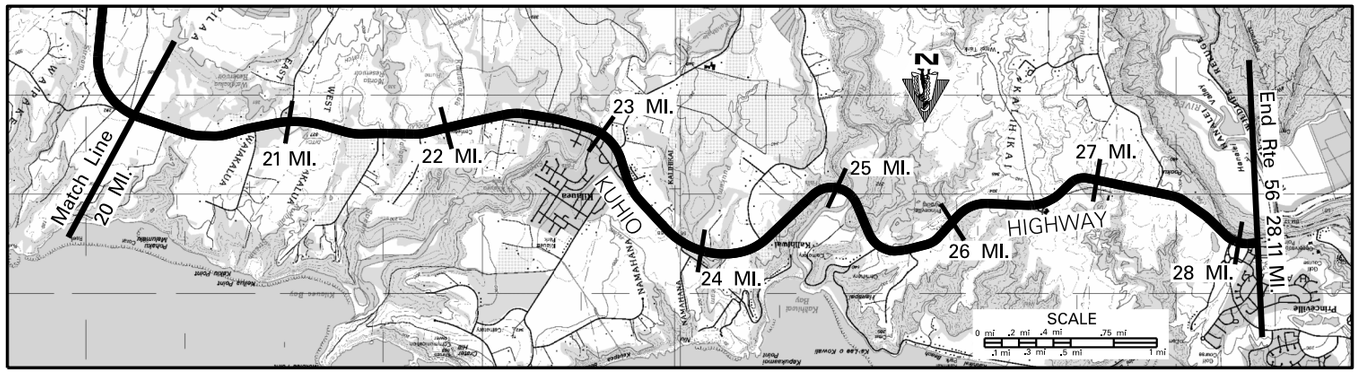
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 28.12 MILES (a+b)
a. Existing Length: 28.12 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.12 MILES (a+b, less c)
a. Existing Length: 28.12 MILES
b. Temporary Length: None MILES
c. Length used as T.W. for another Route: None MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description: 56C (9.82 MI.) | End 56C – Begin 56D on Kuhio Hwy, at the Centerline Intersection with Kolo Rd. | 56D (4.75 MI.) | End 56D Same as End Route

Structure Carrying Road

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

Vertical Clearance:
- 36'
- 40'
- 34'
- 28'

Horizontal Clearance:

Structure Over Road

Vertical Clearance:

Horizontal Clearance:

Right of Way Width (min.–max.) if varies: (80'–260') | 60'–500' | 100'–200' | 100' | 100' | Varies 160'–295' | 130' | 70'–200' | 40'

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

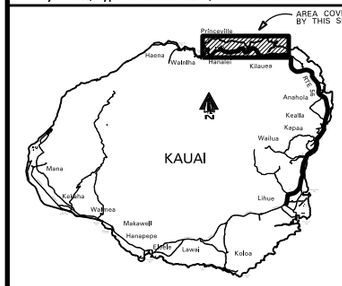
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't):
- Wire on Wood 35' FEP
- Wire on Wood 35' FEP
- Wire on Wood 10'–20' FEP
- Wire on Wood 10'–20' FEP

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State | 56D–01–07 RESURF 2012

Project No., Type of Construction, and Year Constructed: (56C–01–09, 2012, INTERSECTION IMPROVEMENTS) | (56C–02–08M, RESURF., 2010) | (HWY–K–02–98, IMPRV, 2000) | (HWY–K–01–07M,PAVEMENT MARKING, 2007) | STP–0700(58), GUARDRAILS, 2008 | 56D–03–08M, RESURF., 2010 | 56D–03–08M, RESURF., 2010) | 56D–01–08M, RESURF., 2010

Project No., Type of Construction, and Year Constructed: STP–056–1(42) (R) 1999 | 56C–01–90M (R) 1990 | STP–056–1(38) (R) 1996 | 50D–01–92M (R) 1993 | STP–0700(58), GUARDRAILS, 2008 | F–056–1(31) (New Alignment) 1993 | LT–K–03–80M (R) 1980



Road Diagram
* MP=MIlepost SIgnage

Continued from Sheet #3

Waiakalua Br. (R) ECB | End Divided | Waiakalua St. Begin Divided | End Divided | Waiakalua St. Begin Divided | North Waiakalua Rd. Begin Divided | End Divided | Culvert Paved Rd. | Begin Divided | End Divided | Waipapa Rd. | Culvert | Kahili Makai St. | Culvert | Driveway | Culvert | (L) ECB | Culvert | Pili Rd. | Kilauea Br.- Hokuli Rd. | Kuaiwa Rd. | Begin Divided | End Divided | Kahili Mauka Rd. (L) | Kalamania Rd. | End Divided | Begin Divided | Telem. Sta. 300 | End Divided | Tractor Crossing | Begin Divided | Kalihiwai Rd. | Unimproved Road | Begin Divided | End Divided | Kahiliholo Rd. | Begin Divided | Structure #4 | Kalihiwai Br. | Kalihiwai Rd. | Begin Divided | End Divided | Anahola Rd. | Begin Divided | End Divided | Princeville Airport | Begin Divided | End Divided | Princeville | Begin Divided | Hanalei Refuse Station | End Divided | County (L) Club Road (R) | Begin Divided | Culvert | Culvert | Kapaʻka St. | Culvert | Begin Divided | Old Rd. to Princeville (Ka Haku Rd.)

KUHIO HIGHWAY

20.19 mi. | 20.30 mi. | 20.70 mi. | 20.78 mi. | 20.88 mi. | 20.95 mi. | 21.04 mi. | 21.29 mi. | 21.35 mi. | 21.48 mi. | 21.56 mi. | 21.64 mi. | 21.67 mi. | 21.83 mi. | 21.90 mi. | 21.99 mi. | 22.09 mi. | 22.19 mi. | 22.26 mi. | 22.64 mi. | 22.87 mi. | 22.95 mi. | 23.14 mi. | 23.26 mi. | 23.36 mi. | 23.47 mi. | 23.51 mi. | 23.56 mi. | 23.69 mi. | 23.74 mi. | 23.89 mi. | 23.96 mi. | 24.06 mi. | 24.28 mi. | 24.30 mi. | 24.35 mi. | 24.40 mi. | 24.45 mi. | 24.90 mi. | 25.01 mi. | 25.41 mi. | 25.46 mi. | 25.60 mi. | 25.67 mi. | 25.85 mi. | 25.93 mi. | (R)&(L)26.03 mi. | 26.43 mi. | 26.57 mi. | 26.71 mi. | 26.74 mi. | 26.97 mi. | 27.20 mi. | 27.37 mi. | 27.74 mi. | 27.96 mi. | 28.05 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '12 VIDEOLOG & '12 FEATURES DATABASE: End Rte. 56 on Kuhio Highway at Route Markers 56 and 560 (same as Beg. Rte. 560) 28.12 mi.

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In MIles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: WIdth and Type: 4' AC | 6' AC | 4' AC | 6' AC | 4'–6' AC | 8' AC | 4' AC | 8' AC | 10' AC | 4' AC | 7' AC | 6' AC

Pavement: WIdth and Type: 22' AC (22' AC) | 11' AC | 11' AC | 22' AC | 11' AC | 22' AC | 24' AC | 12' AC | 12' AC | 22' AC | 11' AC | 22' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 14' AC | 12' AC

Shoulder: WIdth and Type: 4' AC | 6'–12' AC (4' AC) | 0 | 0 | 6'–12' AC | 0 | 4'–6' AC (6'–12' AC) | 16' AC | 6'–12' AC | 0 | 8' AC | 0 | 4'–8' AC | 0 | 4'–8' AC | 0 | 7' AC | 0 | 7' AC | 0 | 7' AC | 0 | 2' AC

Divided Highway

Median: Width and Type: (0–11' Painted AC) | (0–11' Painted AC) | 0'–10' Painted AC | (6'–12' AC) | 0'–10' Painted AC | 0'–16' Painted AC | 0'–12' Painted AC | 0'–20' Painted AC | 0'–12' Painted AC | 0'–15' Painted AC | (6'–12' Raised Grass) (0'–6' Painted AC) | (0'–6' Painted AC)

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

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

Shoulder: Width and Type: 4' AC | 4' AC | 12' AC | 20' | 8' AC | 5' AC | 4'–8' AC | 8' AC | 4' AC 27.95

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

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

(Right Side): Bus

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

Sidewalk: Width and Type (Right and Left)

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

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

Illumination: Type, Location and Number: None

Curves: Degree of Curvature (RIght and Left)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)): B | A | B | A | B | A | B | C | B | C | D | B | A | B | C | A | C | B | C | B | C

Contra Flow Lane

Area and Development: Rural (99999)

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

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

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

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

HPMS Sections – AADT 2012: 11,490 | 12,191 | 13,800 | 13,512

HPMS Sections – AADT 2011: 10,300 | 11,300 | 13,500 | 11,700

HPMS Sections – AADT 2010: 10,300 | 11,800 | 13,000 | 11,700

DOD Sections

Functional Classification: MInor Arterial (4)

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

Previous Projects: Project No., Date and LImits:
- 56C–01–90M (R) 1990
- F–056–1(31) (New Allgnment) 1993
- (56C–01–87M (R) 1987)
- STP–056–1(36) 1998
- (50D–56AB–01–70 1970)
- 50D–01–92M (R) 1993
- (S–0560(2) U–2 1963) F–056–1(8) 1967 | DP–RF–056–1(10) (New Allgnment) 1973 | HWY–K–01–77M (R) 1977 | (ER–7(1) U–2 1963) | HWY–K–01–77M (R) 1977 | COUNTY | LT–K–03–80M 1980 (R)

SCALE: (In MIles) 2" = 1 mile

Date Released
Nov. 2001

Revised	
Aug 04	D.B.
Sept. 06	D.B.
Feb. 08	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.

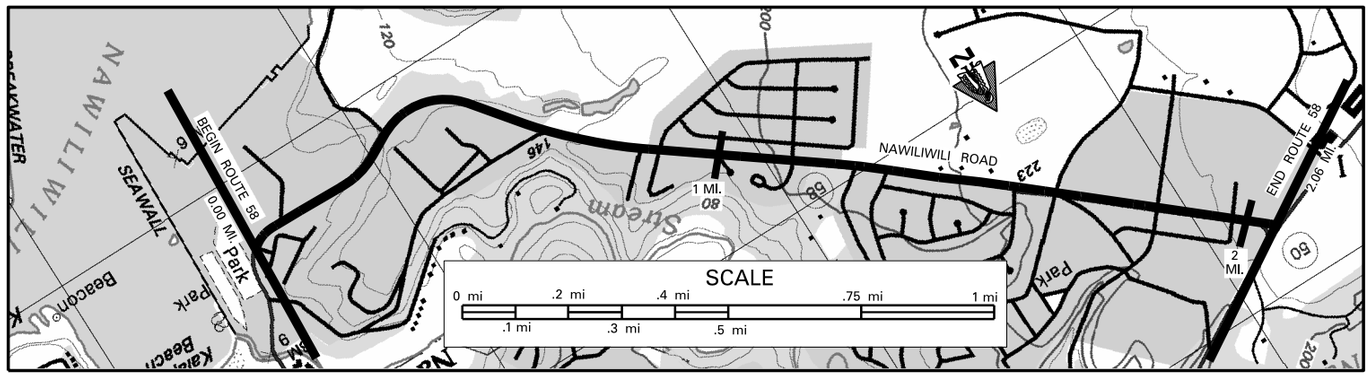
ROAD INVENTORY
KAUAI RTE 58
NAWILIWILI ROAD

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: 2.05 miles
a. Survey Length: 2.05 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 Waapa Rd. (Rte 51) | 58 A (2.06 mi.) | End 58 A same as end route.

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80′ (0.14) | 100′ (0.16) | 120′ (0.20) | 140′ (0.26) | 150′ (0.22) | 110′ (0.42) | 90′ (0.51) | 110′ (0.56) | 100′ (0.64) | 80′ | 120′ (1.57)

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

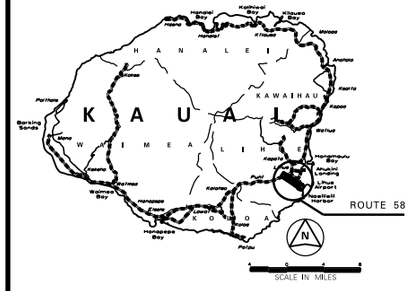
Right of Way Fence: Type – Right and Left: 6′ Chainlink (1.71) | 6′ Chainlink (1.84) | 6′ Chainlink (1.86) | 6′ Chainlink (1.98)

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

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

Project No., Type of Construction, and Year Constructed: CMAQ–058–1(4), Bikeway, 2012

Project No., Type of Construction, and Year Constructed: NH–051–1(10) Resurf., 2002 (0.00) | NH–058–1(3), Resurface, 2002



Road Diagram

* MP = Milepost Signage

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

Wilcox Rd. & Beg Div Hwy | Niumalu Rd. | End Measured Mile | Lala Rd. | Eleki Pl. | Appapane St. | Beg Measured Mile / Begin Divided | Nokekula St. (L) | Nokekula Ct. (R) | Nawiliwili Road End Divided | Ahaehe St. | Telem. Sta. 58014 Begin Divided | Kanani St. (R) | Hakeaha Rd. (L) | Pikake St. | Rd. to Shopping Cntr. (L) | Haleko Rd. (R) | Rd. to Shopping Cntr. (L) | Kukui Grove St. (R) | End Measured Mile

NAWILIWILI ROAD

1.57 mi.

0.00 mi. | 0.08 mi. | 0.34 mi. | 0.36 mi. | 0.58 mi. | 0.69 mi. | 0.85 mi. | 0.90 mi. | 0.98 mi. | 1.00 mi. | 1.14 mi. | 1.24 mi. | 1.26 mi. | 1.32 mi. | 1.42 mi. | 1.44 mi. | 1.56 mi. | 1.64 mi. | 1.83 mi. | 1.98 mi. | 2.00 mi.

END RTE 58 ON NAWILIWILI ROAD AT THE SOUTH E.P. OF KAUMUALII HIGHWAY (RTE 50) — 2.05 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '12 VIDEOLOG & '12 FEATURES DATABASE.

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type: 8′ AC | 10′ Dirt (0.15) | 4′ AC (0.49) | 9′ AC (0.66) | 4′ AC | 10′ AC (1.58) | 0 (1.98)

Pavement: Width and Type: 12′ AC | 24′ AC | 12′ AC | 24′ AC | 12′ AC | 24′ AC (1.84) | 24′ PCC

Shoulder: Width and Type: 0 | 10′ Dirt (0.25) | 8′–10′ AC (0.28) | 4′–22′ AC | 0 | (4′ AC) | 9′ AC | 4′ AC | 0

Median: Width and Type: 10′ Painted AC (0.08) | 0.08 | 12′ Painted AC (1.24) | 1.25 | 1.31 | 1.42 | 0′–20′ Paint | 0′–20′ Raised Grass (1.89) | 0′–18″ Raised Conc.

Shoulder: Width and Type: 0 | 0 | 0

Pavement: Width and Type: 12′ AC | 12′ AC | 24′ AC | 24′ PCC

Shoulder: Width and Type: 8′ AC | 4′ AC | 10′ AC (1.54) | 0 (1.98)

Number of Traffic Lanes: 2–12′ (0.89 / 0.90 / 1.00 / 1.14 / 1.25) | 2–12′ (1.50 / 1.56)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): All 12′ T.Ls. — 10′ (L) T.L. (0.04 / 0.08)

(Right Side): All 12′ T.Ls. (0.89 / 0.90 / 0.99 / 1.04 / 1.18 / 1.25 / 1.50 / 1.51 / 1.52 / 1.56 / 1.58 / 1.64 / 1.72 / 1.73 / 1.83 / 1.86 / 1.90 / 2.00 / 2.01 / 1.98) — (Same as Through Lanes)

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

Sidewalk: Width and Type (Right and Left): 4′ Conc. (1.59 / 1.67)

Curb and/or Gutter: Type (Right and Left): 6′ Concrete Gutter (0.28 / 0.59) | Concrete Curb (1.81 / 1.98)

Protective Devices: Type, Location and Number: All Guardrails M/M

Illumination: Type, Location and Number: None (0.11 / 0.13 / 0.28 / 0.34 / 0.51 / 0.66 / 1.45) | 61 HPS (1.77 / 1.84 / 1.96)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)): C (0.77) | B (1.99) | C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) | Rolling (2) (0.08 / 0.16 / 0.71) | Flat (1) (1.82 / 2.05)

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

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase (1.64) | 3 Phase (1.84) | 3 Phase (2.05)

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

HPMS Sections – AADT 2012: 12,191 | 11,358 | 11,900 | 7,263 | 13,533

HPMS Sections – AADT 2011: 11,400 | 10,500 (0.08 / 1.42) | 11,300 | 12,019 (1.84 / 1.97) | 12,019

HPMS Sections – AADT 2010: 13,600 | 9,800 | 7,165 | 12,139 | 12,139

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits:

STP–058–1(2) Realignment, 1993 (0.00) | F–058–1(11), 1991 (1.97)

0.11 HWY–K–01–87 Improvements, 1987 | 0.68 58A–01–88M; Resurface, 1988

58–01–71 (Reconstruction) 1971

Sta. 1+32 | S–254(1) 1954, 55 | 2.12 Sta. 112+52.87

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug. 2004, D.B.

Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.

ROAD INVENTORY

KAUAI RTE 540
HALEWILI ROAD

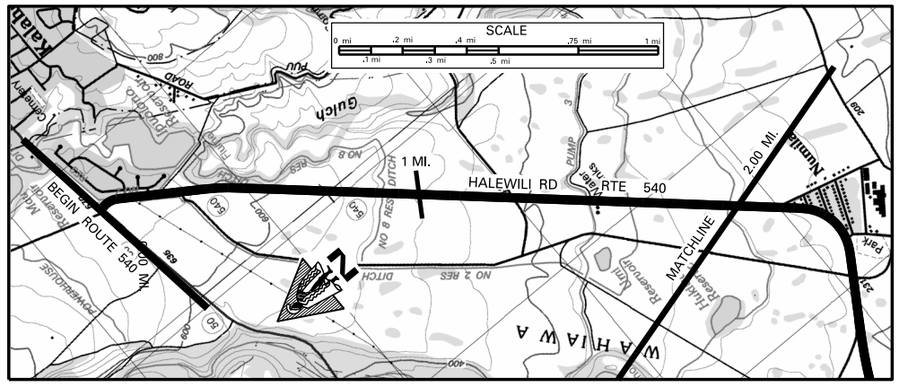
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

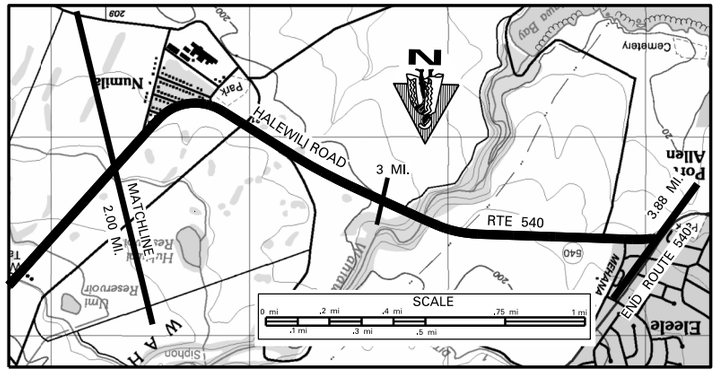
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 3.88 miles
a. Survey Length: 3.88 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

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

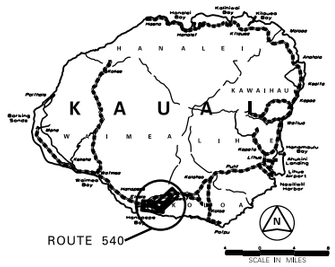
Structure Carrying Road

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

Structure Over Road

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

- **Right of Way Width (min.–max.) if varies**: 60' (1.02–1.06) | 60' (2.14–2.47) | 80' (3.06–3.89) | 65'
- **Available Right of Way Width (Needs Study)**: Clear 1000' – Sugar Cane 20' from E.P. | Residential | Clear 1000' – Sugar Cane 20' from E.P.
- **Right of Way Fence: Type – Right and Left**: None
- **Control of Access: 1–None, 2–Partial, 3–Full**: None
- **Jurisdiction, Transfer Phase No. and Date (C to S or S to C)**: State
- **Project No., Type of Construction, and Year Constructed**: 126+15 (0.03) | 72+10 (1.96) | 200+68 (0.08) STP-0540(3), (R), 2007
- **Project No., Type of Construction, and Year Constructed**: (STP-050-1(9) (Realignment), 1996) | (STP-0700-(35) SHLDR & GRD. RL. IMPROV. 1997) | STP-0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS | (540A-01-02M 2004 RESURFACE) 12+00 (2.77)



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.

HALEWILI ROAD

Milepost	Feature
0 MP	Culvert; Haku Hale St. End Divided
0.07 mi.	Culvert
0.16 mi.	Coffee Haul Rd.
0.98 mi.	Water Tank
1.29 mi.	McBryde New Mill Rd.
1.56 mi.	Coffee Haul Rd. (R) Paved Rd. (L)
1.98 mi.	Rd. to Park
2.12 mi.	Wahiawa Br.
2.37 mi.	Quarry Dr.
2.50 mi.	Huehu Rd. Future Road (R) Road (L)
2.94 mi.	Ramp Begin Divided
3.09 mi.	End Route 540 on Halewili Road at the East E.P. of Kaumualii Hwy (RTE 50). 3.88 mi.
3.70 mi.	
3.77 mi.	
3.82 mi.	

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '12 VIDEOLOG & '12 FEATURES DATABASE.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway — Undivided

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

Median:

- **Median: Width and Type**: (0'–12' Painted AC) | (0'–30' Grass (Flushed) w/ AC Fridge (No Shoulder) & AC Curb)
- **Median Barriers:**

Divided Highway — Undivided

- **Shoulder: Width and Type**: 0 | (14' AC) | (10' Grass)
- **Pavement: Width and Type**: (12' AC)
- **Shoulder: Width and Type**: (20' Grass)

- **Number of Traffic Lanes**: 2–12' | (1–12') (1–14') | (Same as Through Lane)
- **Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)**
- **(Right Side)**
- **Frontage Road: No. of Lanes, and Width (Right and Left)**
- **Sidewalk: Width and Type (Right and Left)**
- **Curb and/or Gutter: Type (Right and Left)**
- **Protective Devices: Type, Location and Number** — Metal Rails on Metal Posts
- **Illumination: Type, Location and Number**
- **Curves: Degree of Curvature (Right and Left)**
- **Superelevation (Range)**
- **Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)**: C | D | C | B | A | B | C | B | C
- **Vertical Curve: Crest or Sag, Curve Limits**
- **Area and Development:**
- **Terrain: 1–Flat, 2–Rolling, 3–Mountainous**: Rural (99999) | Rolling (2)
- **Speed: 1–Design, 2–Posted**: (Not Posted) 35 MPH (2) | 50 MPH (2) | 35 MPH (2) | 50 MPH (2) | 45 MPH (1) 35 MPH (1) | (25 MPH (2))
- **Intersection Control Devices: Type, Location and Cycle Timing**
- **Traffic Stations (Current Year)**: B73 0540 00000
- **HPMS Sections – AADT 2012**: 1,980
- **HPMS Sections – AADT 2011**: 1,800
- **HPMS Sections – AADT 2010**: 1,900
- **DOD Sections**
- **Census Tracts**
- **Functional Classification**: Major Collector (5)
- **National Highway System (NHS)**: Not on NHS (0)
- **Previous Projects: Project No., Date and Limits**: STP-0700-(35) (Shoulder and Guardrail Improvements), 1997 | 540A-01-02M 2004 RESURFACE | (STP-050-1(9) (Realignment), 1996) | HWY-K-01-91M (Resurface), 1991 | 540A-01-72 (Resurface), 1972 | FAS 5A(1), 1939 | S-5(2), 1950 | (RS-540(1), 1974) | HWY-K-01-91M (Resurface), 1991 | 540A-01-72 (Resurface), 1972 | Sta. 127+84.80 | Sta. –1+55.07 | Sta. 79+46.07 | Sta. 0+55.15 (Spur – Port Allen Leg)

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Aug. 2004, DB

Revised	
Sept. 06	D.B.
Feb. 08	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.

ROAD INVENTORY
KAUAI RTE 541
WAIALO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

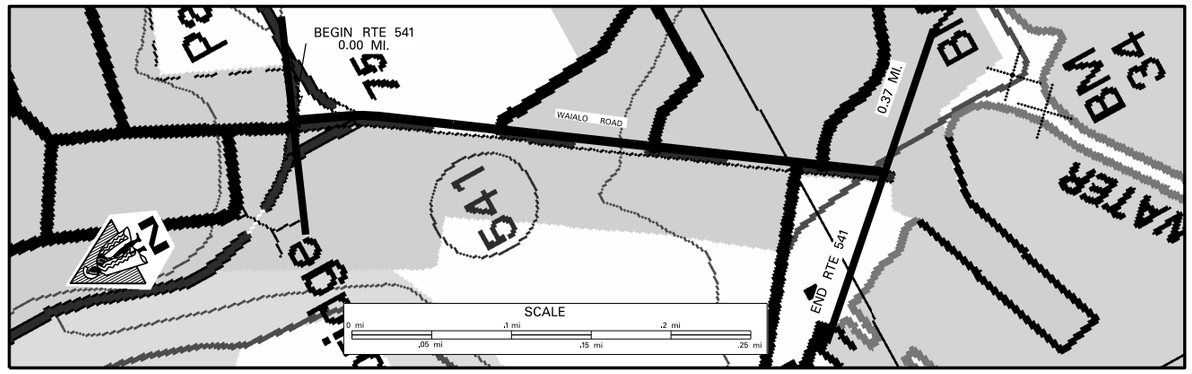
Total Route Length: 0.37 miles

a. Survey Length: 0.37 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

Begin 541 A on Waialo Road at Centerline of Kaumualii Hwy. — 541 A (0.37 mi.) — End 541 A Same as End Route.

Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

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

Varies 0.04 — R/W is 40' from Centerline of Approaches — 100' — 0.20 — 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)

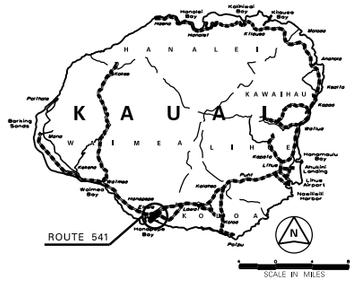
State

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

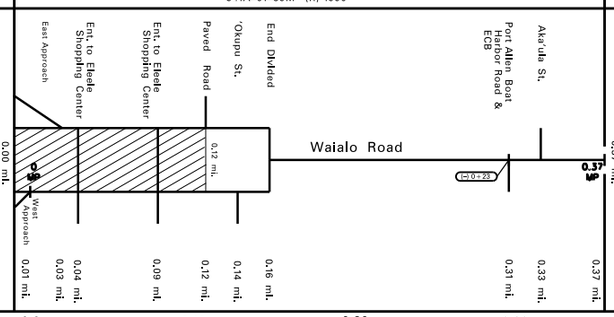
541A–01–89M (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = MIlepost SIgnage



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

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '12 VIDEOLOG & '12 FEATURES DATABASE.

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 — 0.17 — 6'–8' AC
- Pavement: WIdth and Type — 16' AC — 0.05 — 22' AC — (33' AC) — 26' AC
- Shoulder: WIdth and Type — 0 — 10' DIrt — 0.20 — 6' AC — 0.31 — 10' AC

Divided Highway — Median

- Median: Width and Type — 2'–20' Ralsed Grass — 0.03 — 8' Ralsed Grass — 0.12 — 8' Paint — 0.16
- Shoulder: Width and Type — 0
- Pavement: Width and Type — 15' AC — 0.05 — 22' AC — 0.13 — 11' AC
- Shoulder: Width and Type — 10' Dirt — 0.04 — 4' AC — 0.05 — 0.09 — 10' Dirt

Number of Traffic Lanes

1–16' | 1–15' 11' — 0.05 — 0.09 — 4–11' — 0.13 — 2–11' 1–11' — 1–12' 1–14' — 0.17

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

(RIght SIde)

11' — 0.03 — 0.12 — 0.13 — 0.17

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

Sidewalk: Width and Type (Right and Left)

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

Conc. Curb on Median (L) & (R) — 0.14

Protective Devices: Type, Location and Number

None

Illumination: Type, Location and Number

None

Curves: Degree of Curvature (RIght and Left)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)

C — 0.28 — B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Small Urban (99998)

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

Rolling (2)

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 2012

8,783 — 4,168 — 3,647

HPMS Sections – AADT 2011

4,000 — 3,900 — 0.17 — 3,400

HPMS Sections – AADT 2010

12,900 — 3,200 — 2,200

DOD Sections

0.04

Census Tracts

Functional Classification

Major Collector (5)

National Highway System (NHS)

Not on NHS (0)

Previous Projects: Project No., Date and LImits

FAP 12 J, 1939

SCALE: (In MIles) 20" = 1 mile

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

Date Released
Sept. 2004, D.B.

Revised	
Mar. 09	*D.B.*
Dec. 09	*D.B.*
Sept. 10	*D.B.*
Feb. 11	*D.B.*
Feb. 12	*D.B.*
Sept. 12	*E.P.J.*
Dec. 13	*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

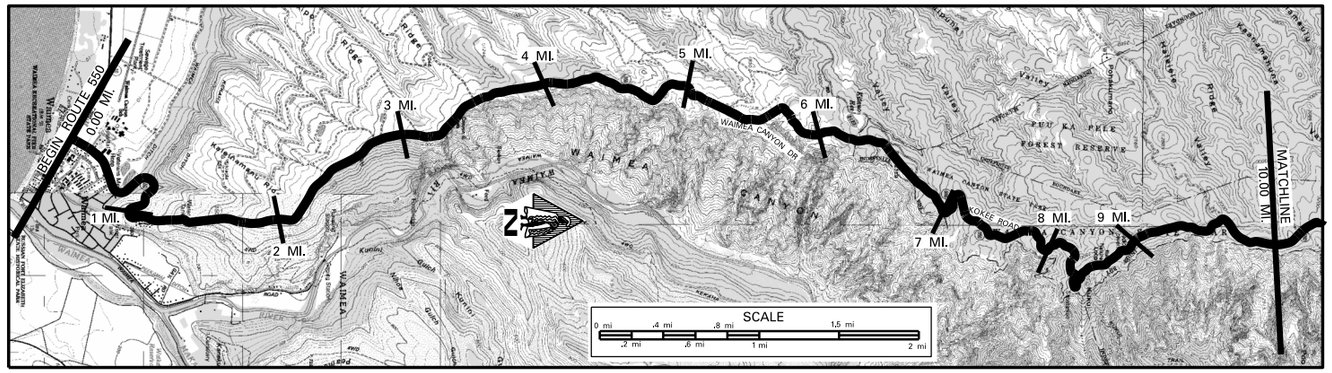
Total Route Length: 14.08 miles

a. Survey Length: 14.08 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

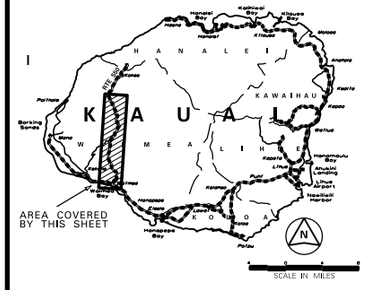
Structure Carrying Road

- 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′ | 80′ | 40′ | 80′
- Available Right of Way Width (Needs Study): RESIDENTIAL | CLEAR 1000' BUSHES AND GRASS | TREES
- Right of Way Fence: Type – Right and Left: NONE
- Control of Access: 1–None, 2–Partial, 3–Full: SILT FENCE
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
- Project No., Type of Construction, and Year Constructed: 550AB–01–06,GUARDRAIL & SHOULDER IMPV., 2012 | 550A–01–01M, (RESURF.) 2002 | STP–0700(58),GUARDRAIL & SHOULDER IMPV., 2008
- Project No., Type of Construction, and Year Constructed: 550A–01–95M (RESURF), 1996 | 350A–01–90M, RESURF, 1990 | 550B–01–92M, 1992 (R) | 550B–01–91M (RESURFACE) 1991



Road Diagram

* MP = Milepost Signage

0.00 mi. BEGIN RTE 550 ON WAIMEA CANYON DR. AT THE TRAFFIC CIRCLE JCT. OF KAUMUALII HWY (RTE 50).

WAIMEA CANYON DRIVE — KOKEE ROAD

CONTINUED ON SHEET #2

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 4′ GRASS | 4′–6′ GRAVEL | 6′ GRAVEL | 2′–4′ GRASS | 2′–6′ DIRT | VARIES 2′–6′ GRAVEL | 2′–6′ GRASS
- Pavement: Width and Type: 20′ AC | 10′ AC | 20′ AC | 18′ AC | 20′ AC
- Shoulder: Width and Type: 6′ 18′ GRASS | 0 | 6′ GRASS 3′ | 6′ GRAVEL | 4′ AC | 6′ DIRT | 4′ GRASS | 2′–6′ GRASS | 4′ | 6′–8′ | 10′ | 8′ 3′ GRAVEL | 8′ DIRT | 0′–2′ DIRT

Divided Highway

- Median: Width and Type: (11' PAINTED AC)
- Median Barriers:
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 10′ AC
- Shoulder: Width and Type: 18′ GRASS

- Number of Traffic Lanes: 2–10′ | 2–9′ | 2–10′
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (Right Side): 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: MV
- Curves: Degree of Curvature (Right and Left)
- Superelevation (Range)
- Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: SMALL URBAN (99998)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1) | MOUNTAINOUS (3)
- Speed: 1–Design, 2–Posted: 25 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)	B73 0550 00000	B73 0550 00058	B73 0550 00118	B73 0550 00284	B73 0550 00674	B73 0550 00888
HPMS Sections – AADT 2012	2,605	1,109	835	844	1,042	1,224
HPMS Sections – AADT 2011	2,500	1,000	740	780	990	1,188
HPMS Sections – AADT 2010	2,400	890	740	1,691	1,200	1,200
DOD Sections						
Census Tracts						
Functional Classification	MAJOR COLLECTOR (5)					
National Highway System (NHS)	Not on NHS (0)					
Previous Projects: Project No., Date and Limits	HYY–K–01–82M (R) 1982	RS–0550(2) RESURFACE, SAFETY & IMPROV., 1982			550B–01–74, (RESURF), 1974	550–A–01–73, (R), 1973
	HWY–K–01–70, 1970 (R)	LAND AND NATURAL RESOURCES (CONST. & MAINT. BY D,O,T.) 1963			PHASE II	COUNTY

SCALE: (In Miles) 2" = 1 mile

Date Released
Sept. 04, D.B.

Revised	
Sept. 06	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	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

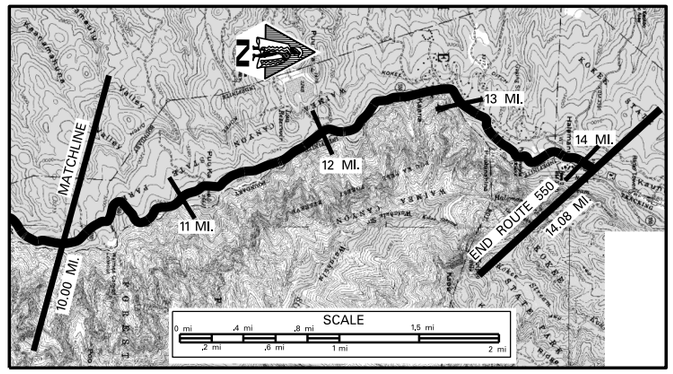
Total Route Length: 14.08 miles

a. Survey Length: 14.08 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

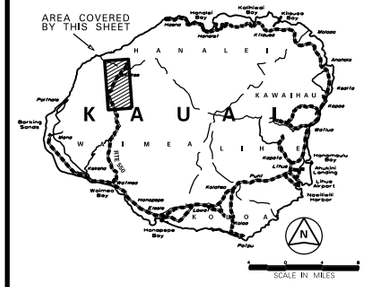
*



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+58 to 683+55)
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

10.00 MI. CONTINUED FROM SHEET #1

KOKEE ROAD

SPUR WAIMEA CANYON LOOKOUT 10.24 mi. 10.32 mi.
DIRT ROAD 10.97 MI. 11.08 MI.
DIRT ROAD 11.09 MI.
CULVERT 11.32 MI.
11.97 MI.
RD. TO CAMP HALE KOA 12.84 MI. 12.97 MI.
RD. TO KOKEE METHODIST CAMP 13.11 MI.
ELEVATION 3500' PUU HINAHINA LOOKOUT 13.63 MI. 13.64 MI.
MAKAHA ROAD 13.87 MI. 13.97 MI.
ECB 14.07 MI.
577+25
682+15
ECB (L)
ROAD TO PACIFIC MISSILE RANGE FACILITY – HAWAIIAN AREA

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '12 VIDEOLOG & '12 FEATURES DATABASE.
END RTE 550 ON KOKEE RD. AT THE ENTRANCE TO KOKEE STATE PARK ("END STATE HWY." SIGN).
**14.08 MI.

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Divided Highway Undivided — Shoulder: Width and Type	VARIES 2'–6' GRASS
Pavement: Width and Type	18' AC
Shoulder: Width and Type	0'–2' DIRT (10.38) 4'–6' GRASS (10.07) VARIES 2'–6' GRASS
Median: Width and Type	
Median Barriers:	
Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	
Number of Traffic Lanes	2–10' (10.24) 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	10.27 10.29 10.86 10.99 11.57 11.61 12.78 12.76 13.03 13.07
Illumination: Type, Location and Number	NONE
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	C B 10.13 D 10.46 E 10.80 B 11.07 C 11.42 B 11.88 C 12.04 A 12.25 B 12.27 C 12.77 B C 13.13 B E 13.26 D 13.50 C 13.72 B 13.85 C
Vertical Curve: Crest or Sag, Curve Limits	10.05 12.95 12.90
Area and Development:	SMALL URBAN (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted	25 MPH (2) 12.51 NOT POSTED 25 MPH
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0550 00888
HPMS Sections – AADT 2012	1,224
HPMS Sections – AADT 2011	1,188
HPMS Sections – AADT 2010	1,200
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	550A–01–73 (R) 1973 — 12.10 COUNTY — 550B –01–74 (R) 1974

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Date Released	
Sept 04, D.B.	
Revised	
Sept 06	D.B.
Mar. 09	D.B.
Sept 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.

ROAD INVENTORY

KAUAI RTE 560
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

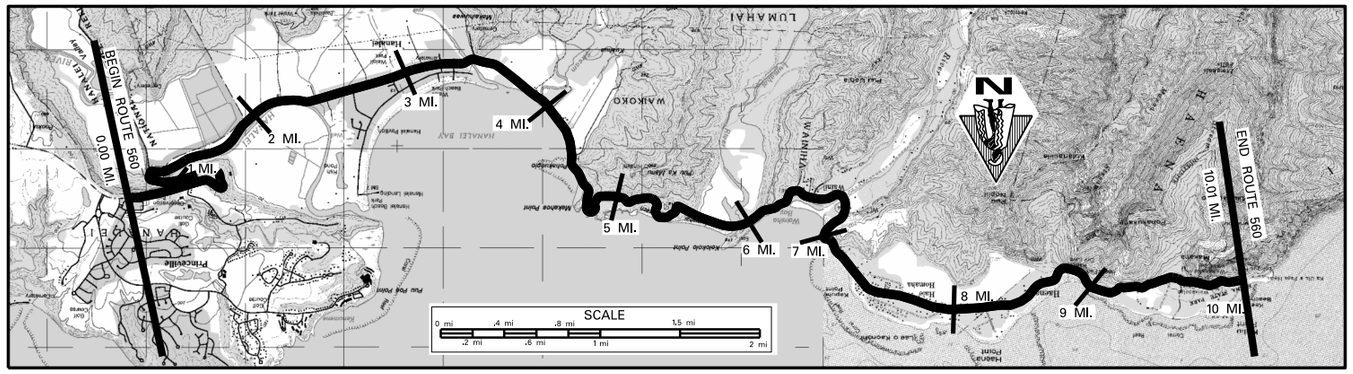
Total Route Length: 10.01 miles

a. Survey Length: 10.01 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

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

| | | |

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

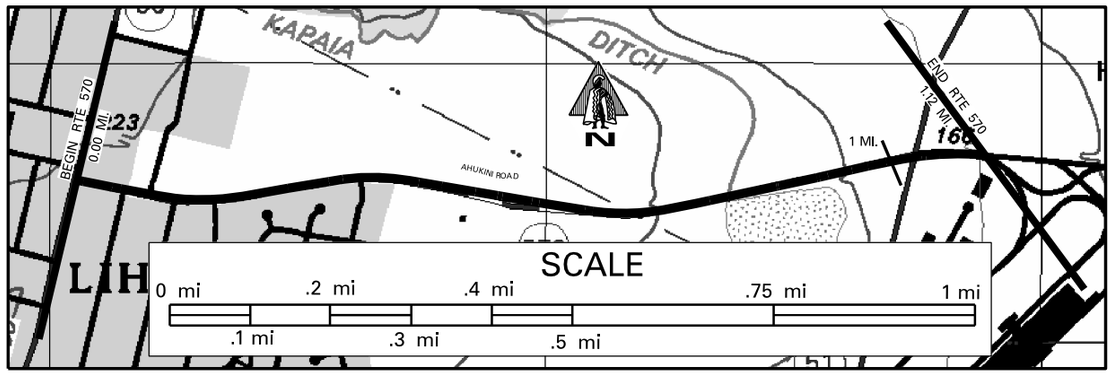
Total Route Length: 1.12 **miles**

a. Survey Length: 1.12 **miles**

b. Proposed Length: 0.00 **miles**

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

*



SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Maintenance Control Sections : Length and Description

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies 120'

Available Right of Way Width (Needs Study) RESIDENTIAL | 0.46 | CLEAR 1000' – SUGAR CANE

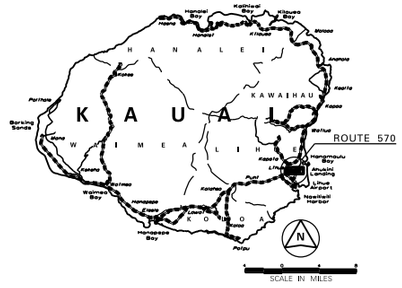
Right of Way Fence: Type – Right and Left NONE

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

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

Project No., Type of Construction, and Year Constructed 0.12 | HWY–K–02–98 IMPRV., 2000 | 0.29

Project No., Type of Construction, and Year Constructed 570A–01–92M (R), 1993 | 0.91 | F–051–1(7), 1988



Indicates Grass & / or Physical Barrier on Median.

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.

AKAHI ST. 0.06 MI. | ENT. TO WALMART 0.09 MI. | BEG PAINTED MED. 0.12 MI. | ELUA ST. 0.12 MI. | UMI ST. 0.18 MI. | TELEM. STA. 570003 END PAINTED MED. 0.29 MI. | PALAI ST. 0.31 MI. | DRIVEWAY TO HELICOPTER TOURS 0.36 MI. | CANE HAUL ROADS 0.50 MI. | BEG PAINTED MED. 0.92 MI. | KAPULE HWY (RTE 51) 1.00 MI. | 1.06 MI.

AHUKINI ROAD

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.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '12 VIDEOLOG & '12 FEATURES DATABASE.

END ROUTE DESCRIPTION

SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

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

Median: Width and Type 0.13 | 12' PAINTED AC | 0.29 | 0.92 | 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 | 0.18 | 4' AC/6' GRASS | 8' AC

Number of Traffic Lanes 2–12'

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

(Right Side)

SAME AS THROUGH LANE | 0.01 | 0.03 | 0.07 | 0.09 | 0.12 | 0.18 | 12' (L) TL | 0.24 | 0.87 | 12' | 12' | 0.96 | 1.06 | 12' AC T.L.

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) 4' 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)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45) A | 0.50 | B

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

Speed: 1–Design, 2–Posted 35 MPH (2) | 0.88 | 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 2012 9,430 | 11,400 | 10,697

HPMS Sections – AADT 2011 8,800 | 0.17 | 11,500 | 1.06 | 8,700

HPMS Sections – AADT 2010 8,900 | 11,100 | 8,500

DOD Sections

Census Tracts

Functional Classification PRINCIPAL ARTERIAL (3)

National Highway System (NHS) ON NHS (1)

Previous Projects: Project No., Date and Limits

S–0570 (1), 1964

SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Date Released
Oct. 04, D.B.

Revised	
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.

ROAD INVENTORY

KAUAI RTE 580
KUAMOO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

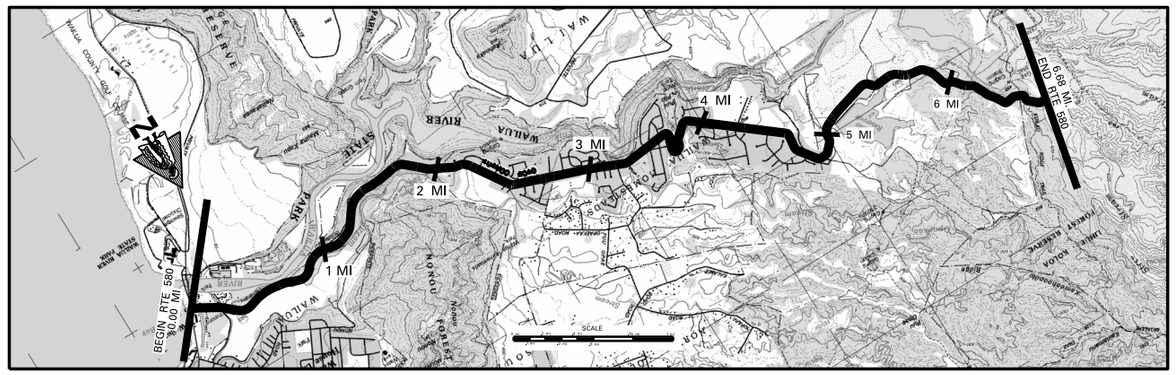
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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.O. 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'

Vertical Clearance

Horizontal Clearance
- 24'

Structure Crossing Phy Feature

Vertical Clearance

Horizontal Clearance

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

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

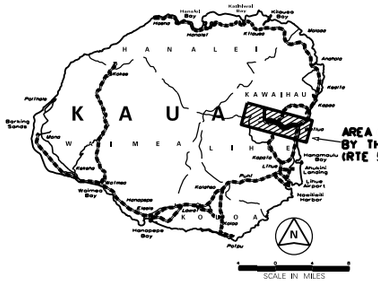
Right of Way Fence: Type – Right and Left
- BRK ON 2008 (TYP)

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

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

Project No. and Type of Construction
- HRRP-0580(4), SAFETY IMPRV., 2011
- (STP-0700(58), GUARDRAILS, 2008)

Year Project Constructed (STP-0700(38), 1998)
- 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.

WAIMEA CANYON DRIVE — WAIMEA RIVER STATE PARK — WAIMEA RIVER STATE PARK EXIT — WAIMEA RIVER BRIDGE — OHANA ST. — OPAEKAA BRIDGE — 1 MP — KUAMOO ROAD — STATE PARK ROADS — SCENIC LOOKOUT EXITS FROM SCENIC LOOKOUT — KAMUELA HAWAIIAN VILLAGE — KAHAWAI PL. — 2 MP — OHELO ROAD — OHELO ROAD — LILIA PLACE — MELIA STREET — MALA STREET — KAMALU RD. (RTE 581) — ROYAL DR. — LANI ALA PLACE — POKUKALA STREET — POKUKALA ROAD — NAUPAKA ROAD — KOLI LANE — KOLOA ROAD — PAAKO STREET — HE STREET — UHAU STREET — 3 MP — WAIKOMA STREET — HAWAMANA STREET — 4 MP — KAHOLAELE ROAD — AINA PONO RD. — AINA PONO RD. — UH, AGR. STATION — 5 MP — PAVED ROAD — CULVERT — KUAU RIDGE TRAIL — FOREST RESERVE SIGN — 6.68 MI.

*NOTE: ROUTE LENGTH ADJUSTED TO MATCH '92 VIDEOLOG & '92 FEATURES DATABASE.

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

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type
- 4' AC | 6' AC | 4' AC | 4' – 6' AC | 6' – 12' GRS | 2' – 4' GRS

Pavement: Width and Type
- 22' AC | 20' AC | 18' AC | 16' AC | 14' AC

Shoulder: Width and Type
- (2'–4' AC) | 4' AC | 6' AC (BEGIN C/L & SHLDRS RUMBLE STRIPS) | 4' AC (END C/L & SHLDRS RUMBLE STRIPS) | 4' – 6' AC | 6' – 12' GRS | 2' – 4' GRS

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

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

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

(Right Side)
- NONE

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

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

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

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

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)
- A | B | D | E | C | B | A | B | A C | D | B | C | B | C | B C | C | D | A | A C | D | E C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- SMALL URBAN (99998) (RURAL (99999))

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

Speed: 1–Design, 2–Posted
- 25 MPH (D) / NOT POSTED
- 35 MPH (D) | 25 MPH (D)
- 35 MPH (D)
- 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 2012	8,857	8,400	3,439	2,389	2,477	2,336
HPMS Sections – AADT 2011	8,300	8,300	3,200	2,319	2,000	2,268
HPMS Sections – AADT 2010	8,800	8,200	3,000	2,342	2,000	2,291

DOD Sections

Census Tracts

Functional Classification
- MINOR ARTERIAL (4) | MAJOR COLLECTOR (5) | MINOR COLLECTOR (6)

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

Previous Projects: Project No., Date and Limits
- 0.87 580A-01-01M, (R) SURF ACC, 2008 — 2.38 STP-0700(58), 2008 — 3.98 580A-01-02M (R) 2002 — 4.82 580A-01-99M, (R) 2000
- 0.00 580A-01-03M, (R) SURF ACC (R) 1994
- 0.62 RS-0580(2), (R) SURF ACC AND IMPROVEMENTS, 1980 — 2.27 580A-01-05M, 1998 — 5.84 COUNTY, MAINTAINED BY STATE
- 580A-01-10M, 1971 — 4.82 COUNTY
- A-580-01-64 PHASE 2 1964 0.91 — 1.33 — A-580-01-64 PHASE 1, 1964 — BASE: (R)-1, 1967

SCALE: (In Miles) 2" = 1 mile

Date Released
March 95

Revised

Pat Tom	3–95
Pat Tom	6–95
JK	4–96
JK	5–97
DR	2–08
DR	3–09
DR	12–09
DR	9–10
DR	2–11
DR	2–12
CPJ	2–13
CPJ	12–13

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

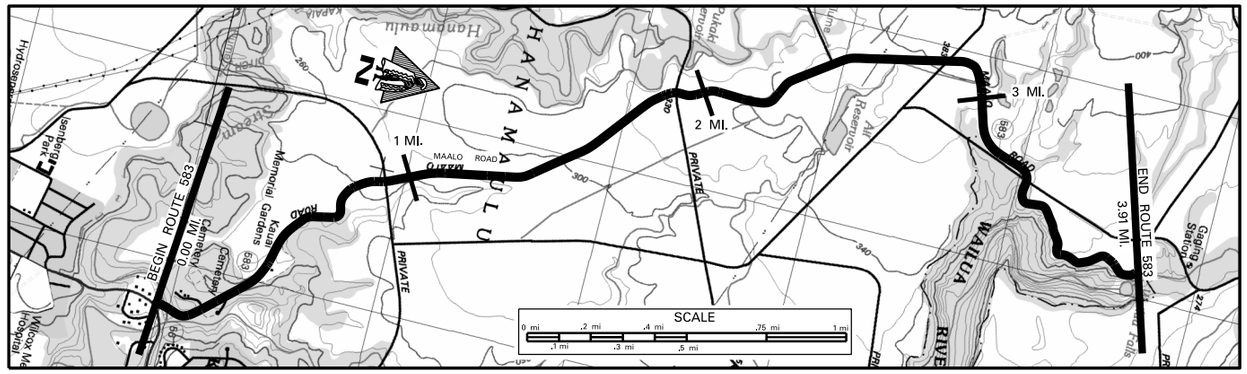
Total Route Length: 3.91 **miles**

a. Survey Length: 3.91 **miles**

b. Proposed Length: 0.00 **miles**

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

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

BEGIN 583A – ON MAALO ROAD 18' N.W. OF KUHIO HIGHWAY (RTE 56). | 583A (3.92 MI.) | END 583A – SAME AS ROUTE END 3.91

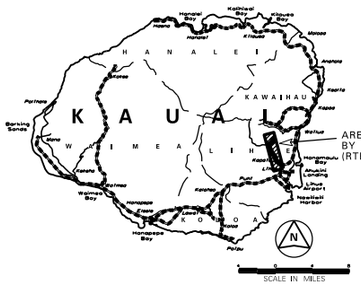
Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

- **Right of Way Width (min.–max.) if varies:** 60'
- **Available Right of Way Width (Needs Study):** CLR 1000' SUGAR CANE 20' FROM EDGE OF PAVEMENT
- **Right of Way Fence: Type – Right and Left:** NONE
- **Control of Access: 1–None, 2–Partial, 3–Full:** NONE
- **Jurisdiction, Transfer Phase No. and Date (C to S or S to C):** STATE
- **Project No., Type of Construction, and Year Constructed:** ARR–0583(1) RESURF., 2010 | 583–01–95M (RESURFACE) 1996 | 583–01–07M, RESURF., 2009 | HWY–K–01–70, 1970 | 583A–01–01M, RESURFACE, 2005 | 583A–01–71, 1971
- **Project No., Type of Construction, and Year Constructed:** (583A–01–71, 1971)



Road Diagram

* MP = Milepost Signage

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

BRIDGE (1927) 0.03 Mi. 0.03 Mi. | RD TO CEMETERY 0.16 Mi. | ROAD (L) 0.24 Mi. | TELEM. STA. 583004 KAUAI MEMORIAL GARDENS ROAD 0.50 Mi. 0.47 Mi. | CULVERT 0.52 Mi. | CULVERT 0.68 Mi. | QUARRY ROAD (L) CANE HAUL RD. (R) 0.82 Mi. | CULVERT 0.96 Mi. | ECB (L) 0.92 Mi. | CULVERT 1.39 Mi. | DIRT ROAD 1.82 Mi. | CANE HAUL ROAD 1.91 Mi. | CANE HAUL ROAD 2.25 Mi. | CANE HAUL CULVERT 2.45 Mi. | CULVERT 2.60 Mi. 2.57 Mi. | PAVED ROAD 2.81 Mi. | CULVERT 2.81 Mi. | CULVERT 2.97 Mi. | HWY OVERPASS CULVERT 3.32 Mi. 3.31 Mi. | CULVERT 3.45 Mi. | DIRT ROAD 3.57 Mi. | CULVERT 3.84 Mi.

MAALO ROAD

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '12 VIDEOLOG & '12 FEATURES DATABASE.
END RTE 583 ON MAALO RD. AT THE END OF PAVEMENT.
*3.91 MI.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway

Undivided

- Shoulder: Width and Type: GRASS — 2' | 6' | 2'–4' | 6' | 0' | 4' | 8' | 4'–6' | 4' | 2'
- Pavement: Width and Type: 20' AC | 18' AC | 17'–20' AC
- Shoulder: Width and Type: GRASS — 2'–4' | 6'–8' | 4'–6' | 3' | 6' | 2'–4' | 8' | 6'

Divided

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

- **Number of Traffic Lanes:** 2–10' | 2–9' | 2–(8.5'–10')
- **Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)**
- **(Right Side):** PARKING APRONS (R)
- **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)
- **Illumination: Type, Location and Number**
- **Curves: Degree of Curvature (Right and Left)**
- **Superelevation (Range)**
- **Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45):** C | D | B | A | B | A | B | A | B | C | B
- **Vertical Curve: Crest or Sag, Curve Limits**
- **Area and Development:** SMALL URBAN (99998) | RURAL (99999)
- **Terrain: 1–Flat, 2–Rolling, 3–Mountainous:** ROLLING (2)
- **Speed: 1–Design, 2–Posted:** 25 MPH (2) | NOT POSTED 25 MPH (2)
- **Intersection Control Devices: Type, Location and Cycle Timing**
- **Traffic Stations (Current Year):** B73 0583 00000 | B73 0583 00092 | B73 0583 00198 | B73 0583 00297
- **HPMS Sections – AADT 2012:** 980 | 1,239 | 835 | 599
- **HPMS Sections – AADT 2011:** 850 | 880 | 840 | 582
- **HPMS Sections – AADT 2010:** 1,000 | 880 | 840 | 588
- **DOD Sections**
- **Census Tracts**
- **Functional Classification:** MINOR COLLECTOR (6) | LOCAL (7)
- **National Highway System (NHS):** NOT ON NHS (0)
- **Previous Projects: Project No., Date and Limits:** PHASE II 583A–01–71, 1971 | HWY–K–01–70 (PHASE II), 1970 | 583A–01–71, 1971

Date Released
Oct. 04, D.B.

Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.