STATE ROUTE SYSTEM

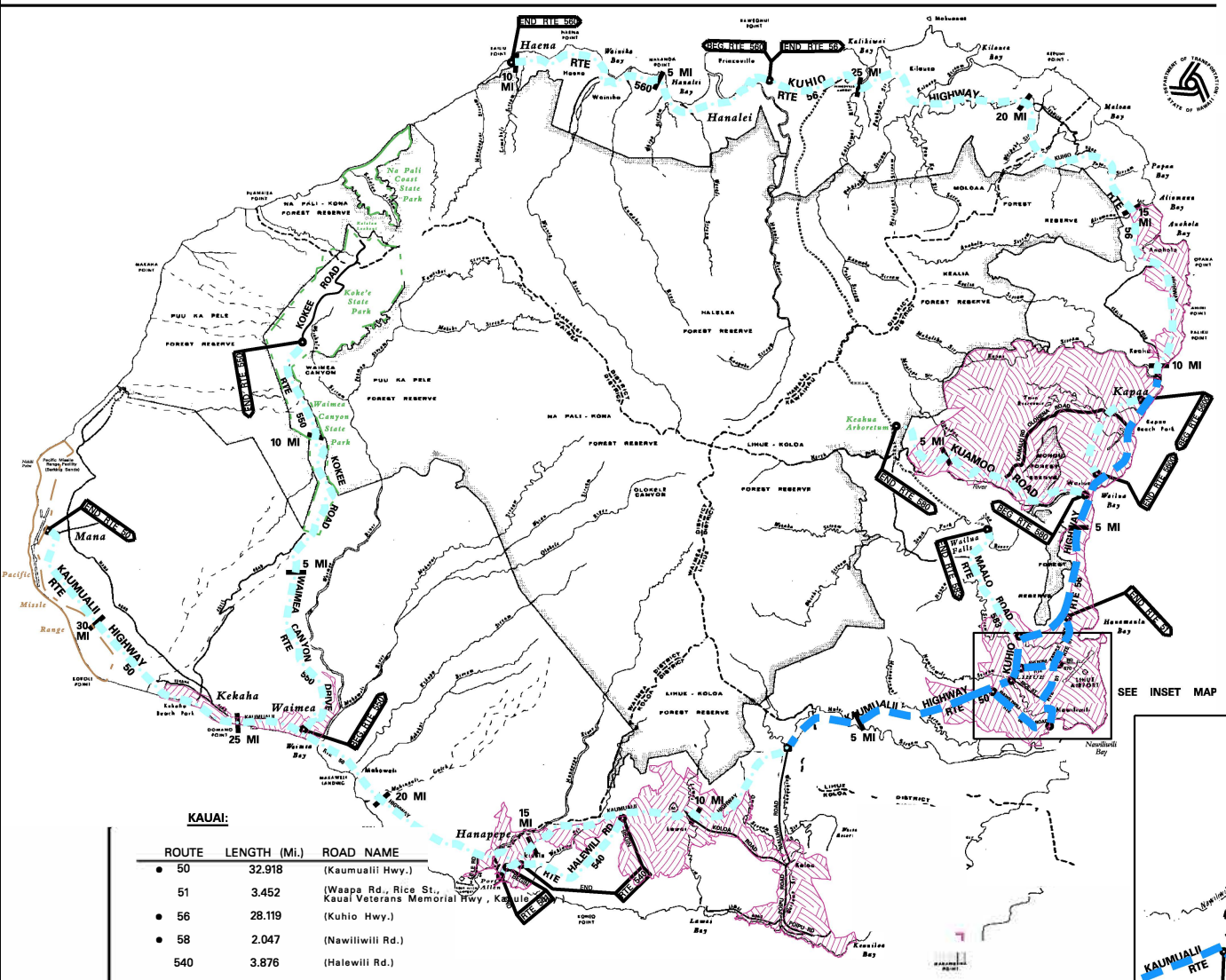
COUNTY OF KAUAI

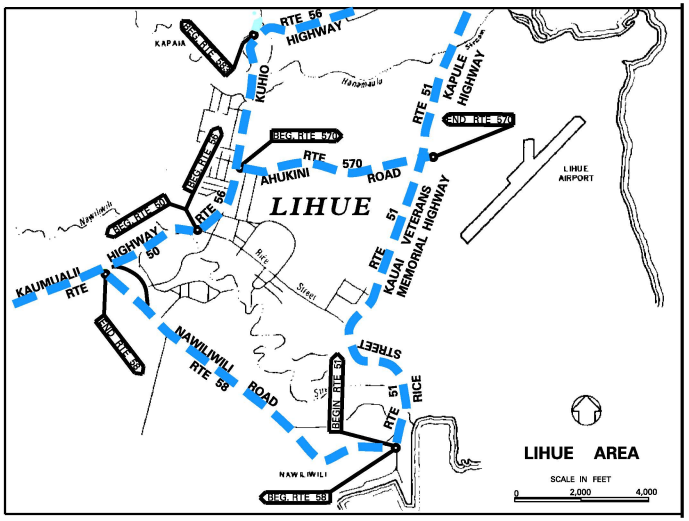
ISLAND OF KAUAI

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 2020





SCALE

MILES

KILOMETERS

LEGEND

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

KAUAI:

ROUTE	LENGTH (Mi.)	ROAD NAME
• 50	32.918	(Kaumualii Hwy.)
51	3.452	(Waapa Rd., Rice St., Kauai Veterans Memorial Hwy , Kapule
• 56	28.119	(Kuhio Hwy.)
• 58	2.047	(Nawiliwili Rd.)
540	3.876	(Halewili Rd.)
541	0.370	(Waialo Rd.)
550	14.072	(Waimea Canyon Drive, Kokee Rd.)
560	10.003	(Kuhio Hwy.)
570	1.122	(Ahukini Rd.)
580	6.68	(Kuamoo Rd.)
583	3.91	(Maalo Rd.)
5600	3.085	(Temporary Kapaa By-Pass Rd.)

TOTAL = 109.654

• Please Refer to Hwy System Changes List for Route Changes

Date Released
Dec 2002, JK
Revised
Apr. 04 DB
May 06 DB
Jun. 07 DB
Feb. 11 DB
Feb. 12 DB
Feb. 13 EPJ
Dec. 13 EPJ
Dec. 14 EPJ
Jan. 16 EPJ
Jan. 17 EPJ
Feb. 18 DB
Nov. 18 DB

ROAD INVENTORY

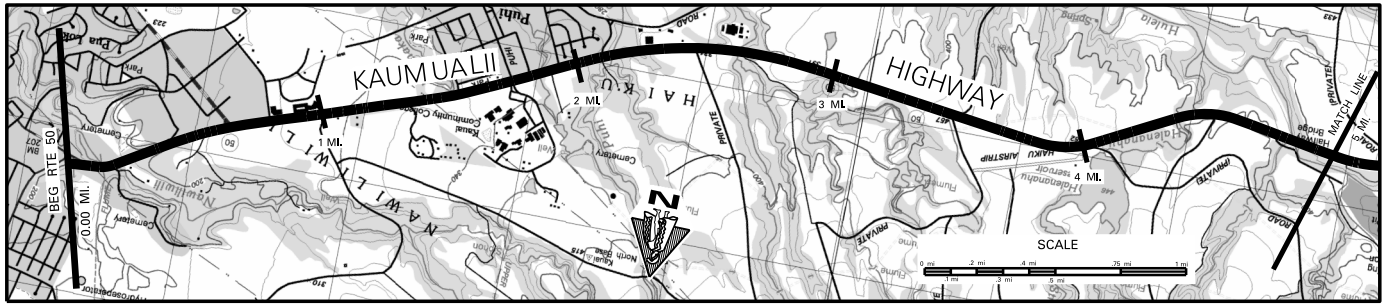
KAUAI RTE 50
KAUMUALII HIGHWAY

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:	32.918	MILES	MILES (a+b)
a. Existing Length:	32.918	MILES	
b. Proposed Length:	0.00	MILES	
Total Travel Way Length:	32.918		MILES (a+b, less c)
a. Existing Length:	32.918	MILES	
b. Temporary Length:	0.00	MILES	
c. Length used as T.W. for another Route:	0.00	MILES	(–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

END 50E – SAME AS BEGIN RTE 56. | 50E (1.74 MI.) | BEG 50E – END 50D ON KAUMUALII AT THE CENTERLINE INTER. w/ PUHI RD. | 50D (8.63 MI.)

Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

? RC FLAT SLAB ON I STRG. (STR), 1936 ? | RC TWIN BOX CULVERT (STR) 1950, H20 | PRESTRESSED CONC. GIRDER HS–20–44, 1990

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

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

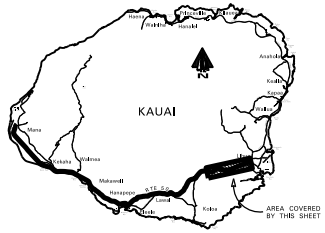
W/W 30' FEP

NONE | (HWY–K–03–04M, RESURF., 2008) | (STP–050–1(039), PREVENTIVE MAINTENANCE, 2017)

STATE

50DE–01–05M (R) 2006 | 50D–01–10M, RESURF., 2012 | 50D–01–11MR, RESURFACE, 2017

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. | Hoomana Rd. Spur to Rice St. | Lihue Mill Br. | Uahi Road | Nawiliwili Road (Rte 58) | Kalepa Street | Hokulei Village Lane | Nuhou Street | Nawi Street Telem. Sta. 50015 | Puhi Rd. L&R Driveway 1.71 mi. | Puhi Rd. End Divided Hwy | Kikowaena St. | Anonui St. | Kaua Community College | Hoihakaumahua Str. Culvert | Rd. to Nursery | Cane Haul Rd. | Beg Divided Hwy | End Divided Hwy Kapaa Rd. 2.366 mi. | Beg Divided Hwy | Paved Rd. | End Divided Hwy Cane Haul Rd. | Gated Dirt Rd. Cane Haul Rd. | Begin Divided Hwy | Rd. from Quarry (R) | Hulele Bridge Halehaw Bridge | End Divided Hwy

KAUMUALII HIGHWAY

CONTINUED ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

Undivided

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

Divided Highway

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

3'–5' PCC | 2'–13' PCC | 6'–8' AC | 4' AC | 6'–8' AC | 5' AC | 8' AC

22' PCC | 23'/24' AC | 12' AC | 23'/24' AC | 12'/13' AC

2'–6' PCC | 6'–8' AC | 0 | 6'–8' AC | CENTERLINE MILLED RUMBLE STRIP

(7'–8' Raised Grass) (10'–29' Painted PCC) | 6'–12' Raised Grass | 5'–27' Raised Grass | 10'–27' Raised Grass | 7'–20' Grass | 0'–9' Painted AC | 0'–12' Painted AC | CENTERLINE MILLED RUMBLE STRIP | 0'–12' Painted AC

1'–5' PCC | 0 | 0 | 0

22' PCC | 11' PCC | 11'/12' AC | 11'/12' AC | 12' AC

2'–6' AC | 4'–8' AC | 8' AC

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number — Conc. w/ Metal — C/M; Metal w/ Metal — M/M

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)

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:

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

Speed: 1–Design, 2–Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2019

HPMS Sections – AADT 2018

HPMS Sections – AADT 2017

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

None

Small Urban (99999) | Rural (99999)

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

25 MPH | 40 MPH | 50 MPH

3 Phase

B73 0050 00009 | P73 0050 00151 | B73 0050 00478

34,000	28,600	28,400
34,782	29,000	29,500
34,100	28,400	26,700

Principal Arterial (3)

On NHS (1)

HWY–K–03–96, 1997 Inter.Imprv. | STP–050–1(15) (R), 1996 | STP–050–1(5), 1990 (BRDG & APPRCH) | STP–050–1(8) 1993 GUARDRAIL & SHOULDER IMPRV. | STP–050–1(15) (R) 1996 | 50 DE–01–88M (R), 1986 | 50D–01–87M (R), 1987 | 50 DE–01–86M, 1986 | HWY–K–01–76M (R) 1976 | D–50–01–65, 1965 | F12 (17), 1951 | FAP 12–G, 1935 | FAP 12 I, 1937 | FAP 12 F, 1937 | F–24(2) 1950 | HWY–K–01–78M (R) | D–50–01–63, 1965 | Lihue Plantation Project, 1964

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Sept. 06	D.B.
Mar. 09	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan. 16	C.R.
Aug. 16	D.B.
Jan. 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

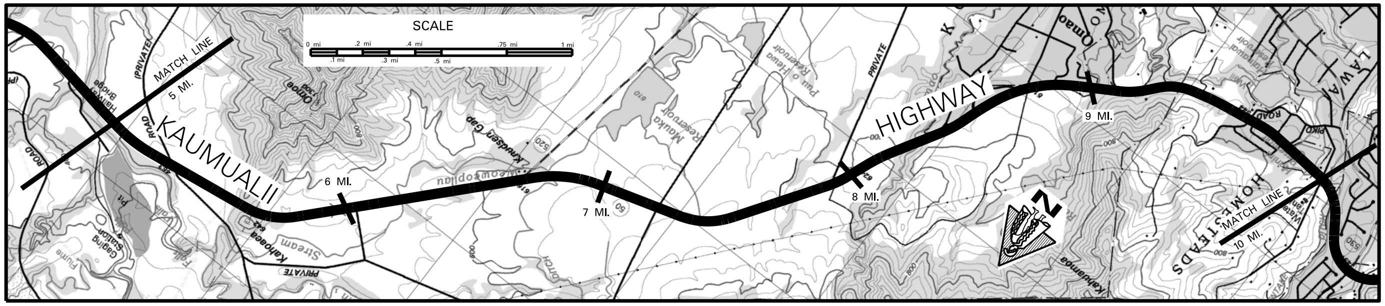
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

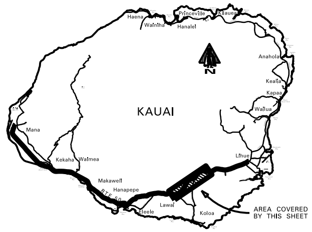
Total Designated Route Length: 32.918 MILES (a + b)
a. Existing Length: 32.918 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.918 MILES (a + b, less c)
a. Existing Length: 32.918 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. ________ FUNCTIONAL CLASSIFICATION ________



SCALE: (In Miles) 4" = 1 mile — 5, 6, 7, 8, 9, 10

Item	Mileposts 5–10
Maintenance Control Sections: Length and Description	50D (8.63 MI.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC FLAT SLAB, H–15 (STR) 1937, 39' (6.23); RC FLAT SLAB, H–15 (STR) 1934, 22' (6.81); CONT. CONC. TEE, H–15 (STR) 1934, 140' (8.28)
Structure Carrying Road — Vertical Clearance	6.23; 6.81; 8.28
Structure Carrying Road — Horizontal Clearance	24' (6.23); 24' (6.81); 24' (8.28)
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60' 5.45 100' 5.76 60' 6.36 65' 6.56 60' 7.54 (100') 7.56 60' 7.83 (100') 7.87 60' 8.16 (200') 8.22 80' 8.52 60' 8.85 (80') 8.87 100' 9.00 60' 9.14 90' 9.42 100' 9.57 (130') 9.63 (60') 70' 9.77 80' 9.93 (100') 9.95 (120')
Available Right of Way Width (Needs Study)	Trees 5.33 Sugar Cane 7.96 Bushes & Trees 9.59 9.73
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	(STP–050–1(24), GUARDRAIL/SHOULDER IMPRV., 2005); 241+00 STP–050–1(039), PREVENTIVE MAINTENANCE, 2017
Project No., Type of Construction, and Year Constructed	STP–050–1(22), 2002 Guardrail & Shldr. Imprv. 5.42 5.56 STP–050–1(22), 2002 Guardrail & Shldr. Imprv. 7.00 7.19 (HWY–K–01–91M (R), 1991) STP–050–1(038), MARKINGS AND SIGNAGE, 2017

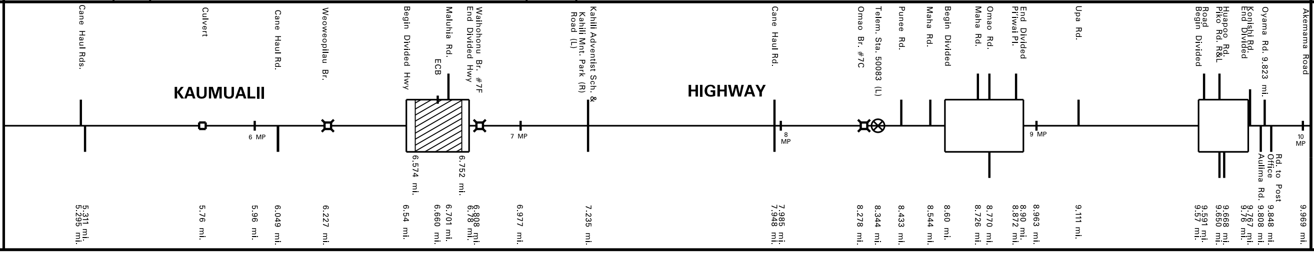


▨ Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2 — 5.00 mi.



Feature	Location
Cane Haul Rds.	5.311 mi. 5.295 mi.
Culvert	5.76 mi.
6 MP	5.96 mi.
Cane Haul Rd.	6.049 mi.
Weoweopilau Br.	6.227 mi.
Begin Divided Hwy	6.54 mi.
ECB	6.660 mi.
Maluhia Rd.	6.701 mi.
End Divided Hwy Waihohonu Br. #7F	6.78 mi. 6.808 mi.
7 MP	6.977 mi.
Kahili Adventist Sch. & Kahili Mnt. Park (R) Road (L)	7.235 mi.
Cane Haul Rd.	7.985 mi. 7.948 mi.
Omao Br. #7C	8.278 mi.
Telem. Sta. 50083 (L)	8.344 mi.
Punee Rd.	8.433 mi.
Maha Rd.	8.544 mi.
Begin Divided	8.60 mi.
Maha Rd. Omao Rd.	8.726 mi. 8.770 mi.
End Divided Pi'iwai Pl.	8.90 mi. 8.872 mi.
9 MP	8.963 mi.
Upa Rd.	9.111 mi.
Road Begin Divided	9.591 mi. 9.57 mi.
Huapoo Rd. Piko Rd. R&L	9.668 mi. 9.650 mi.
Konishi Rd. End Divided	9.767 mi. 9.76 mi.
Aulima Rd.	9.808 mi.
Oyama Rd.	9.823 mi.
Rd. to Post Office	9.848 mi.
Akemama Road	9.969 mi.

CONTINUED ON SHEET #3 — 10 mi.

SCALE: (In Miles) 4" = 1 mile — 5, 6, 7, 8, 9, 10

Item	Mileposts 5–10
Undivided — Shoulder: Width and Type	8' AC 5.42 4' AC 7.85 6' AC 8.25 3' AC 8.71 4' AC
Undivided — Pavement: Width and Type	22' AC; 11' AC (6.54–6.78); 22' AC; 12' AC (8.60–8.90); 24' AC; 12' AC (9.57–9.76); 24' AC
Undivided — Shoulder: Width and Type	(4' AC) 8' AC 5.35 18' AC 4' AC; 0; 4' AC; 0; 4' AC; 0; 4' AC
Divided Highway — Median: Width and Type	CENTERLINE MILLED RUMBLE STRIP .00 (0'–8' Painted AC) .54; 6'–12' Flush Grass .752; .78 (6'–0' Painted AC) CENTERLINE MILLED RUMBLE STRIP .60; 0'–11' Painted AC; .90 CENTERLINE MILLED RUMBLE STRIP .57; 0'–8' Painted AC; .76 .85 CENTERLINE MILLED RUMBLE STRIP
Divided Highway — Shoulder: Width and Type	.574 0; 0; 0
Divided Highway — Pavement: Width and Type	11' AC; 12' AC; 12' AC
Divided Highway — Shoulder: Width and Type	4' AC; 8' AC; 4' AC
Number of Traffic Lanes	.671 2–11' .60 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.528 18' .671; 12' Truck Climb Lane .955 .206; 13' Truck Climb Lane .622 .877; .830 .857 Bus
(Right Side)	12' Truck Climbing Lane .020 Merge .247 .399; .617 12' .701; 11' .696 .726 .742 .770 11' 9' 9' .729 .770 .825; .607 11' .650 9' .700 12' .621 .650; Bus .854 .885
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)	.091 Conc. Gutter .304 .370 .560 .752 .793 .244 .320 .714 .839 .960 .01 .103 .157 .394 .433 .558 .649 .729 .819 .867 .922 .978 .066 .271 .341 .463 .540 .607 4' AC Gutter .965 .089 .460 .515 .555 .597 .645 .886 .973
Protective Devices: Type, Location and Number	ALL METAL RAILS ON METAL POSTS — .095 .375 .567 .751 .794 .208 .247 .191 .249 .411 .581 .710 .833 .945 .002 .086 .129 .556 .627 .718 .773 .853 .894 .978 .052 .203 .312 .703 .757 .963 .001 .086 .319 .516 .552 .876 .976
Illumination: Type, Location and Number	8.44 M.V. 8.55; 9.20; 9.65 M.V. 9.83
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A 5.60 B 5.80 A 7.32 B 7.52 A 9.13 B A 9.25 B 9.39 A 9.70 B 9.76 A 9.97 (B)
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 5.68 A 5.83 B 6.43 C 6.68 B 7.06 C 7.39 A 7.53 C 8.37 A 8.56 C 8.66 D 8.98 B 9.08 C 9.52 D 9.68 B 9.97 (A)
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999) 8.278 Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2) 7.97 Mountainous (3)
Speed: 1–Design, 2–Posted	50 MPH ② 9.47 45 MPH ② 9.48 9.47 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0050 00478; P73 0050 00835
HPMS Stations – AADT 2019	28,400 6.69 15,400
HPMS Stations – AADT 2018	29,500 15,600
HPMS Stations – AADT 2017	26,700 15,200
DOD Sections	
Census Tracts	
Functional Classification	Principal Arterial (3) 6.69 Minor Arterial (4)
National Highway System (NHS)	On NHS (1) 6.70 Not on NHS (0)
Previous Projects: Project No., Date and Limits	
Previous Projects: Project No., Date and Limits	STP–050–1(22), 2002 Guardrail & Shldr. Imprv. 7.00
	5.42 50D–01–99M (R), 2000 6.81
	STP–050–1(19), 1998 5.44 7.17 50D–01–00M, Resurf., 2002 8.54
	(BR–F–050–1(7) (BRIDGE & APPROACH), 1990) 5.42 (50D–01–98, Accel. Ln., 2000) 6.39 6.70 6.81 HWY–K–01–91M (R), 1991 (50CD–01–87M (R), 1987) 8.27 8.45 50 D–01–86 (GUARDRL., SHLDRS.) 1986 9.84
	HWY–K–03–82 (GUARDRAILS & SHOULDER IMPROVEMENTS), 1983 8.31
	(LT–K–02–79, 1980) 5.01 5.41 50 D–02–88M (R), 1988 6.81 (50 CD–01–75M, 1975) 8.30 8.55 STP–050–1(11), R, 1993
	HWY–K–01–76M (R), 1976 6.53 6.57 50 CD–01–75M, 1975 7.86 8.54 50D–02–76, R, 1976 8.95
	50–D–03–69, 1971 5.36 D–50–01–64, 1964 5.88 K–01–72, 1972 6.39
	269+00 WHP–12H, 1935–1937 6.65 7.86 50D–01–67, 1968 8.27 102+92 164+08 124+55
	(FAP 12 I, (1937)) 5.06 6.53 353+03 0+00 NRH–12B, 1933 (67+04) 7.92 50 CD–01–70, 1974 8.29 NRH–128, 1933 8.55 8.59 50D–01–90M, 1990 8.92 8.96 50CD–01–75M, 1975
	179+70 (50D–01–67, 1968)

SCALE: (In Miles) 4" = 1 mile — 5, 6, 7, 8, 9, 10

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
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.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Jan 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY

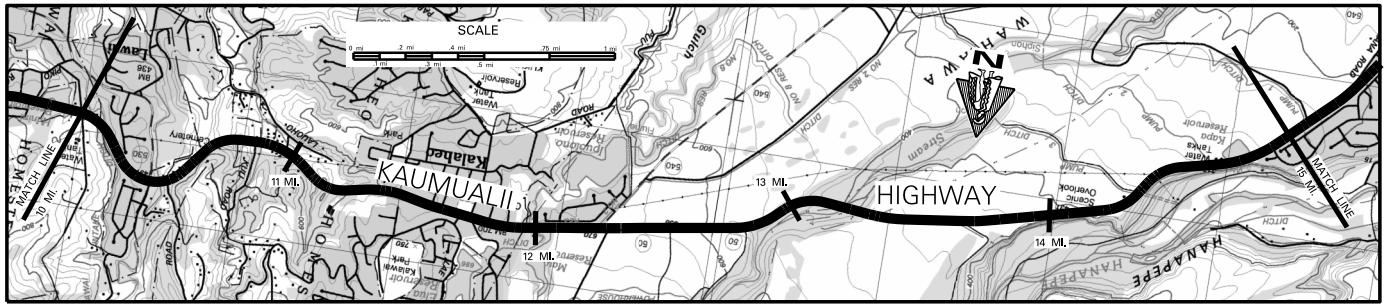
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	32.918	MILES (a+b)
a. Existing Length:	32.918	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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

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

Vertical Clearance: 112"; 180"

Horizontal Clearance: 60'; 24'

Structure Over Road — Vertical Clearance

Horizontal Clearance

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

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

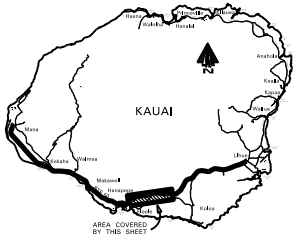
Right of Way Fence: Type – Right and Left: (Chain Link); W/W

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

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

Project No., Type of Construction, and Year Constructed: 98-00; 94-75; STP-050-1(038), MARKINGS AND SIGNAGE, 2017; 99-44

Project No., Type of Construction, and Year Constructed: STP-050-1(039) PREVENTIVE MAINTENANCE, 2017; 50C-01-15M, RESURFACE, 2017; 50C-01-07M, (R), 2009; STP-050-1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #2 — 10 mi.

Akamama Rd. — Begin Divided — Koloa Rd. (Old Hwy 530) — Lawai Br. — Waiwai Rd. — End Divided — Kuli Rd. — Lauoho Rd. — Anuhea Pl. — End Divided — Begin Divided — Papalina Rd. — End Divided — Begin Divided — Halehaili Rd. (Hwy 540) — End Divided — Cane Haul Rds. — Road — Wahiawa Br. — Hanapepe Valley Lookout — Road to Water Tank — Road to Water Tank — Begin Divided — Lauiea St. — CONTINUED ON SHEET #4 — 15 mi.

KAUMUALII HIGHWAY

Koloa Rd. 10.5 MP; 11 MP; 11.5 MP; 12 MP; 13 MP; 14 MP; 15 MP

.470 mi.; .750 mi.; 12.276 mi.

Puuwai Rd.; Ono Rd.; Road to Olu Pua Gardens

10.003 mi.; 10.25 mi.; 10.358 mi.; 10.451 mi.; 10.485 mi.; 10.493 mi.; 10.583 mi.; 10.849 mi.; 10.971 mi.; 10.986 mi.; 11.245 mi.; 11.451 mi.; 11.40 mi.; 11.51 mi.; 11.701 mi.; 11.68 mi.; 11.762 mi.; 11.81 mi.; 11.968 mi.; 12.12 mi.; 12.40 mi.; 12.524 mi.; 12.969 mi.; 13.092 mi.; 13.192 mi.; 13.963 mi.; 14.10 mi.; 14.327 mi.; 14.706 mi.; 14.83 mi.; 14.928 mi.; 14.975 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

Pavement: Width and Type: 24' AC; 12' AC; 24' AC; 24' AC; 12' AC; 24' AC; 12' 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: CENTERLINE WELDED RUMBLE STRIP; 0–10' Painted AC; (0'–6' Painted AC); 0'–11' Painted AC; 0'–13' Painted AC; 0'–10' Painted AC

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

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

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

Number of Traffic Lanes: 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' Truck Climbing Lane; 12' Truck Climbing Lane

(Right Side)

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): Conc. Gutter

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

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

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)

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: 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, 3 PHASE; TRAFFIC LIGHT, 4 PHASE

Traffic Stations (Current Year): P73 0050 00835; B73 0050 01096; B73 0050 01227

HPMS Sections – AADT 2019: 15,400; 20,900; 15,067

HPMS Sections – AADT 2018: 15,600; 21,012; 14,892

HPMS Sections – AADT 2017: 15,200; 20,600; 14,600

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(17) WIDENING 2003); STP-050-1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005; 50C-03-09M RESURF 2002; STP-050-1(17) WIDENING 2003; 50C-01-01M 2004 RESURFACE; 50C-01-07M, (R), 2009; STP-050-1(9); 50C-01-00M (R) 2000; STP-050-1(11), (R), 1993; 50C-01-00M (R), 1991; 50C-01-87M (R), 1987; HWY-K-01-91M (WIDENING), 1996; STP-050-1(9), 1995; HWY-K-01-91M (R), 1991; STP-050-1(12) (GUARDRAIL & SHLDR. IMPRV.), 1996; 50C-03-87M (R), 1987; 50C-03-00M (R), 1991; STP-050-1(11), (R, 1993); 50C-01-87M (R), 1987; HWY-K-01-87 SECTION 1 (GUARDRAIL & SHLD. IMPRV.), 1987; HWY-K-01-91M (R), 1991; HWY-K-01-77M (R), 1977; 50C-01-87M (R), 1987; 50 CD-01-75M, 1975; CD-01-67, 1968; 50 CD-01-75M, 1975; 50-3-07-67, 1967; 50-3-07-67, 1967; 50A-01-71, 1970; 50C-01-75M, 1975; 50C(D-01-70, 1974); NRH-128, 1935; 50 CD-01-70, 1974; NRH-128, 1935; FAP 12(), 1938

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Dec. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Aug. 12	E.P.J.
June 13	D.B.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Jan. 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

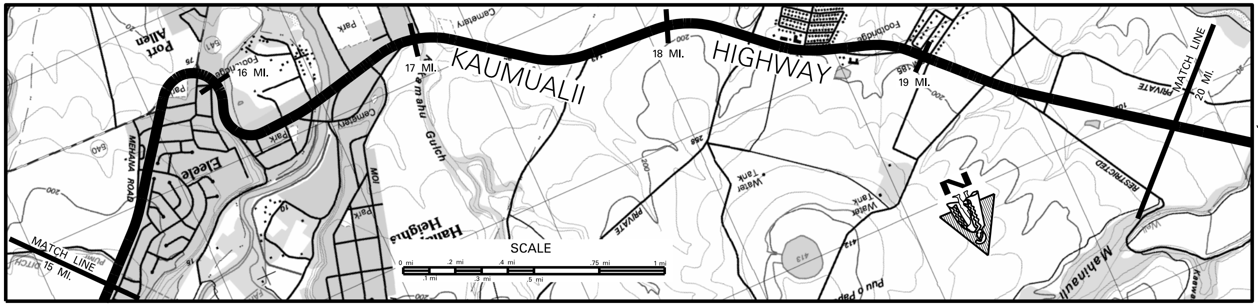
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

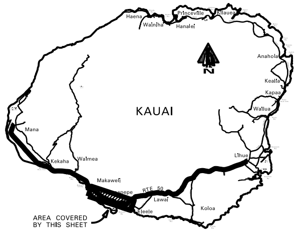
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 32.918 MILES (a + b)
a. Existing Length: 32.918 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.918 MILES (a + b, less c)
a. Existing Length: 32.918 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 ______

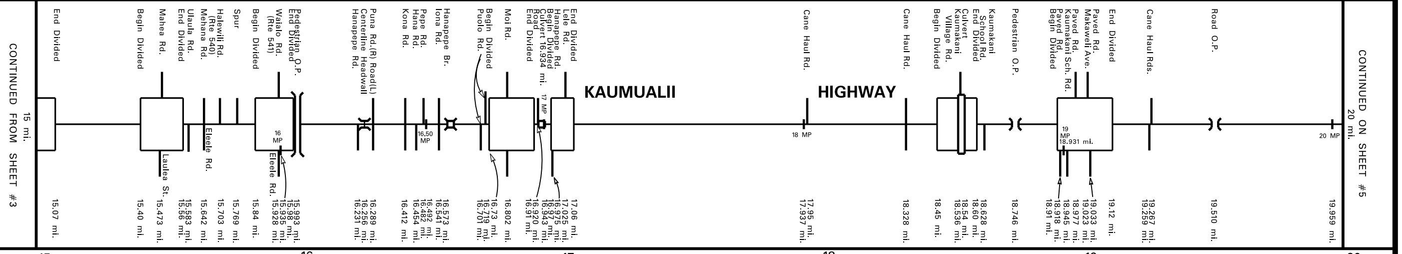


SCALE: (In Miles) 4" = 1 mile	15 · 16 · 17 · 18 · 19 · 20
Maintenance Control Sections: Length and Description	50 C (6.65) · 17.02 ← END OF 50 B AND BEGIN 50 C ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH LELE RD. · 50 B (7.46 MI.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	TEE BEAM 1939, H15 44' (16.26) · TEE BEAM 1938, H20 277' (16.57)
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	38' · 24'
Structure Over Road — Vertical Clearance	RC FLAT SLAB ON STEEL (PED. O.P.), 1939 (15.98) · RC FLAT SLAB (PED. O.P.), 1948 15'–11" (18.74) · RC DECK GIRDER (RD), 1948 15'–02" (19.50)
Structure Over Road — Horizontal Clearance	(90') 17.07 · 31' · 40'
Right of Way Width (min.–max.) if varies	60' · 15.17 · 80' · 15.87 · 90' · 16.04 · 110' · 16.33 · 80' · 17.05 · 80' · 18.81 · 114' · 18.86 · 80' · 19.45 · 140' · 80' · 19.58 · 100' · 19.70 · 80' · 19.86 · 120' · 80'
Available Right of Way Width (Needs Study)	Clear 1000' Sugar Cane · 15.26 · 15.50 · Commercial/Residential (w/ Sugar Cane) · 17.09 · Clear 1000' – Open Field · 18.42 · Residential · 18.68 · Sugar Cane · 19.51 · 19.92
Right of Way Fence: Type – Right and Left	15.50 Wood 15.61 · 15.26 Wire on Wood
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	212 + 00 · 262 + 50 · 282 + 80 · STP–050–1(038), MARKINGS AND SIGNAGE, 2017
Project No., Type of Construction, and Year Constructed	STP–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005 · 15.68 · 50C–03–07M, REPAVEMENT, 2013 · 16.63 · 50C–02–15M, RESURFACE, 2018 · 17.01 · STP–050–1(040), PREVENTIVE MAINTENANCE, 2016



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile	15 · 16 · 17 · 18 · 19 · 20
Undivided — Shoulder: Width and Type	6' AC · 16.52 · 0 · 16.63 · 6' AC · 18.70 · 8' AC · 19.04 · 6'–14' AC
Undivided — Pavement: Width and Type	12' AC · 23' AC · 12' AC · 23' AC · 12' AC · 23' AC · .57 · 22' AC · 11' AC · 22' AC · 11' AC · 23' AC · 12' AC · 23' AC · 12' AC · 24' AC
Undivided — Shoulder: Width and Type	0 · 6' AC · 0 · 6' AC · 0 · 8' AC · 16.23 · 6' AC · 16.52 · 0 · 16.63 · 6'–14' AC · 0 · 6'–14' AC · 0 · 6'–14' AC · 0 · 6'–14' AC · 0 · 19.18 · 6' AC
Divided Highway — Median: Width and Type	(0'–10' Painted AC) → · .07 · .40 · 0'–9' Painted AC · .56 · .84 · 0'–10' Painted AC · .98 · .73 · 0'–10' Painted AC · .91 · .97 · 0'–9' Painted AC · .06 · 17.06 MILLED CENTERLINE RUMBLE STRIP 18.44 · .45 · 0'–12' Painted AC · .60 · .91 · 0'–12' Painted AC · .12 · MILLED CENTERLINE RUMBLE STRIP
Divided Highway — Shoulder: Width and Type	0 · 0 · 0 · 0 · 0 · 0 · 0
Divided Highway — Pavement: Width and Type	11' AC · 11' AC · 11' AC · 11' AC · 11' AC · 11' AC · 11' AC
Divided Highway — Shoulder: Width and Type	6' AC · 6' AC · 6' AC · 15.94 · 8' AC · 6'–14' AC · 4' AC · 6'–14' AC · 9' AC
Number of Traffic Lanes	1–12' / 1–11' · .57 · 2–11' · .06 · 1–12' / 1–11' · .12 · 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.440 · 10' · .522 · .928 · .94 · .971 · .421 · .449 · Bus · 10' · .828 · .846 · Bus · 10' · 11' · .885 · .001 · 10' · 12' · .945 · .963 · .023 · 13' · .051 · .073
(Right Side)	.416 · 12' · 10' · .473 · Bus · .524 · 12' · .583 · .864 · 12' · .928 · 12' · 12' · .376 · .396 · Bus · .751 · 11' · .802 · 12' · .852 · .878 · Bus · .025 · .490 · 12' · .536 · 12' · 12' · 12' · .033 · .959 · .977 · .984 · .023
Frontage Road: No. of Lanes, and Width (Right and Left)	.485 · .506 · None
Sidewalk: Width and Type (Right and Left)	.013 · 4' Conc. · .283 · .572 · 6' Conc. · .639 · .560 · 6' Conc. · .630 · .454 · 3' Conc. · .019
Curb and/or Gutter: Type (Right and Left)	.046 · .065 · Curb + Gutter · .934 · Conc. · .207 · .576 · .924 · .955 · .042 · .095 · .546 · Conc. Curb · .721 · .357 · .435 · .490 · .532 · .764 · .824 · .980
Protective Devices: Type, Location and Number	All Metal w/ Metal · .876 · .899 · .972 · .317 · .673 · .864 · .965 · .017 · .245 · .312 · .564 · .675 · .938 · .953 · .042 · .062 · .226 · .323 · .221 · .323 · .536 · .555 · .643 · .925 · .726 · .762 · .799 · .861 · .488 · .534 · .734 · .810 · .959
Illumination: Type, Location and Number	15.49 · M.V.
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)	A · 15.75 · D · 16.33 · A · 16.73 · B · 16.75 · 16.98 · A · 17.59 · B · 17.67 · A · 18.47 · B · 18.56 · A
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 · 16.24 · B · 16.56 · A · 16.63 · B · 16.69 · A · 16.77 · B · 17.13 · D · 17.23 · B · 17.48 · C · 17.98 · B · 18.18 · A · 18.38 · B · 18.66 · A · 18.91 · B · 19.29 · C · 19.49 · B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998) · .025 · Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	17.13 · 17.34 · Rolling (2) · 19.08 · 19.23
Speed: 1–Design, 2–Posted	35 MPH ② · 17.12 · 45 MPH ② · 50 MPH ② · 18.09 · 45 MPH ② · 18.26 · 35 MPH ② · 19.07 · 45 MPH ② · 50 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	.928 · 2 PHASE · .802
Traffic Stations (Current Year)	B73 0050 01227 · B73 0050 01569 · B73 0050 01592 · B73 0050 01702 · P73 0050 02237
HPMS Sections – AADT 2019	15,067 · 18,390 · 18,898 · 12,903 · 11,800
HPMS Sections – AADT 2018	14,892 · 18,100 · 18,600 · 12,700 · 11,900
HPMS Sections – AADT 2017	14,600 · 15.69 · 17,800 · 15.92 · 18,600 · 17.02 · 12,600 · 18.53 · 11,500
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	17.00 · STP–050–1(040), PREVENTIVE MAINTENANCE, 2016
	16.95 · ← 17.04 —(HWY–K–02–98 (IMPRV.), 2000) · (HWY–K–02–98 (IMPRV.) 2000)— 18.44 → · 18.57 · 18.94 · ← 19.14 —(HWY–K–02–98 (IMPRV.) 2000)
	STP–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005 · 16.32 · 16.56 · 16.80 · 17.03 · STP–050–1(18), 1997
	50C–02–01M (R) 2004 · 15.67 · 15.69 · STP–050–1(10), 1993 · (HWY–K–01–07M, PAVE. MARK., 2007)
	(STP–050–1(14), 1998)— 16.75 → · 16.90
	STP–050–1(12) (GUARDRAILS & SHLDR. IMPRV.), 1995
	50C–01–90M (R), 1991 · 15.69 · 17.01 · 50B–02–93M (FOG SEALING), 1994
(HWY–K–01–77M (R), 1977) →	15.11 · (50B–01–74, 1974) · 18.99 · HES–050–1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990
	50A–01–71, 1970 · 50A–01–71, 1971 · 15.95 · 50C–01–76 SAFETY IMPRV. 1982 · 16.30 · SD–65–364, 1965 · 17.04 · 17.06 · 17.21 · 50B–01–86M (R), 1986
	FAP 12, 1938 · 289 + 59.6 · 95 + 67.7 · FAP 29B (1), 1938 · 18.47 · 27 + 20 · FAP–F29(4), 1946
SCALE: (In Miles) 4" = 1 mile	15 · 16 · 17 · 18 · 19 · 20

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
July 04	D.B.
Jan. 06	D.B.
Feb. 08	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

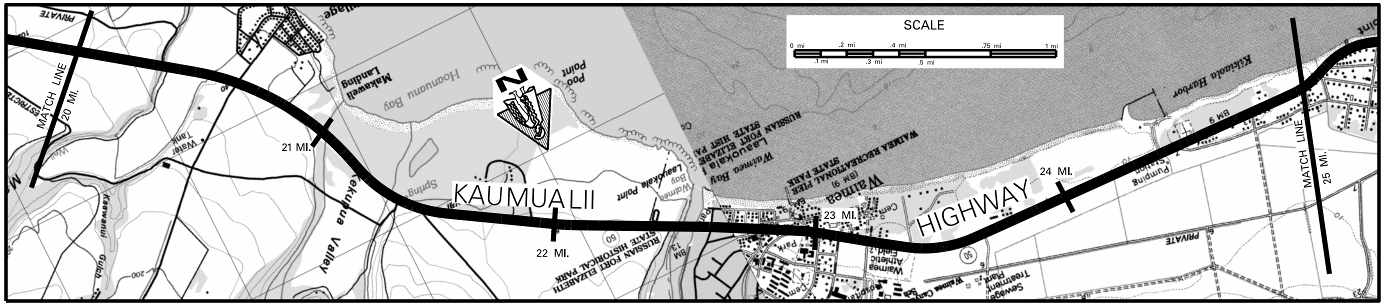
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

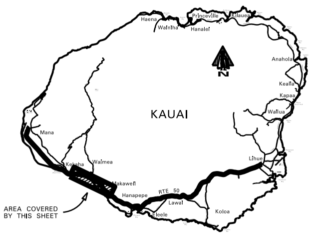
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 32.918 MILES (a+b)
a. Existing Length: 32.918 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.918 MILES (a+b, less c)
a. Existing Length: 32.918 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 ______________

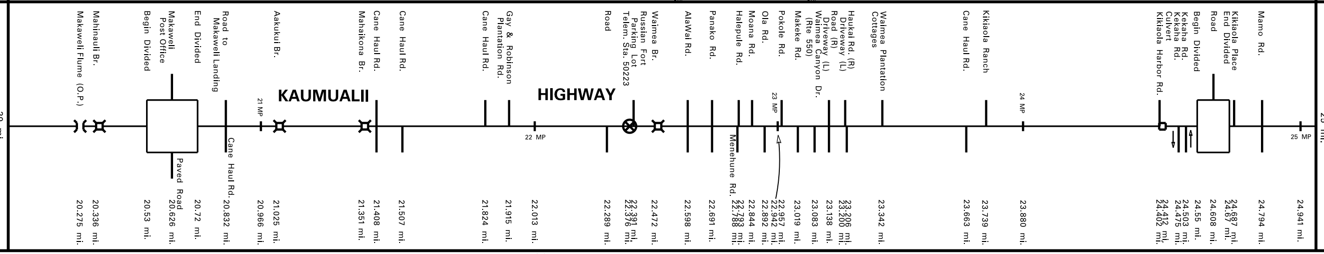


SCALE: (In Miles) 4″ = 1 mile	20 · 21 · 22 · 23 · 24 · 25
Maintenance Control Sections : Length and Description	50 B (7.46 MI.) · END 50 A – BEG 50 B ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH KEKAHA RD. → 24.48 · 50 A (8.45 MI.)
Structure Carrying Road – Bridges (Over 20′): Length, Type, Capacity and Year Constructed	TEE BEAM 1948, H20 115′ · TEE BEAM 1948, H20 50′ · TEE BEAM 1948, H20 75′ · TEE BEAM 1940, H20 365′
Vertical Clearance	20.34 · 21.03 · 21.35 · 22.47
Horizontal Clearance	26′ · 26′ · 26′ · 24′
Structure Over Road – Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80′ · 20.33 · 120′ · 20.41 · 80′ · 20.64 · 120′ · 20.75 · 100′ · 20.90 · 80′ · 20.96 · 90′ · 21.35 · 80′
Available Right of Way Width (Needs Study)	Sugar Cane · 20.76 · 21.06 · Trees + Bushes · 21.50 · Sugar Cane · 22.63 · Residential/ Commercial · 22.96 · Residential · 23.36 · Ranch/Pasture (L), Sugar Cane (R) · 24.01 · Trees & Bushes · 24.83 · (Residential (R) Beach (L))
Right of Way Fence: Type – Right and Left	20.76 W/W 20′ 21.06 · 21.00 W/W 20′ 21.20 · 21.96 – 22.50 · 22.06 – 22.50 · WW / WOOD / WW (23.36 – 24.01)
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	11+9.98 · 190+00 · STP–050–1(038), MARKINGS AND SIGNAGE, 2017
Project No., Type of Construction, and Year Constructed	STP–050–1(040), PREVENTIVE MAINTENANCE, 2016 · 22.55 · 50B–01–15M, RESURFACE, 2017 · 23.06 · STP–050–1(041), PREVENTIVE MAINTENANCE, 2016



Road Diagram
* MP = Milepost Signage

CONTINUED FROM PAGE #4



CONTINUED ON PAGE #6

SCALE: (In Miles) 4″ = 1 mile	20 · 21 · 22 · 23 · 24 · 25
Undivided – Shoulder: Width and Type	6′–14′ AC · 22.44 · 0 · 23.03 · 8′ AC · 23.21 · 23.24 (6′ AC) · 4′ AC
Undivided – Pavement: Width and Type	24′ AC · 12′ AC · 24′ AC · .30 · 23′ AC · .10 · 22′ AC · 11′ AC · 22′ AC
Undivided – Shoulder: Width and Type	6′ AC · 20.51 · 0 · 6′ AC · 0 · 23.05 · 4′ AC · 0 · 4′ AC
Divided Highway – Median: Width and Type	MILLED CENTERLINE RUMBLE STRIP · .53 · 0′–9′ Painted AC · .72 · 20.74 MILLED CENTERLINE RUMBLE STRIP 22.37 · 23.44 MILLED CENTERLINE RUMBLE STRIP · .55 · 0′–13′ Painted AC · .67
Shoulder: Width and Type	0 · 0
Pavement: Width and Type	12′ AC · 11′ AC
Shoulder: Width and Type	6′ AC · 4′ AC
Number of Traffic Lanes	2–12′ · .30 · 1–12′ / 1–11′ · .10 · 2–11′
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12′ .678 · .610 8′ Parking Lanes .074 · .567 .608 .651
(Right Side)	.576 12′ .626 · .238 13′ .289 13′ .340 · 13′ .567 .598 · .619 8′ Parking Lanes .050 · 9′ .179 9′ .206 Bus .242 11′ .269 · 11′ 11′
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	.464 3′ Conc. .259 · 4′ Conc. .202
Curb and/or Gutter: Type (Right and Left)	.464 Conc. Curb .786 Conc. Curb .209 · .464 Conc. Curb .749 Conc. Curb .071 · (Conc. Curb + 2′ Conc. Gutter) · (Conc. Curb + 2′ Conc. Gutter)
Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL	.082 · .026 · .261 – .519 · .258 – .517 · .996 – .075 · .984 – .071 · .157 – .402 · .159 – .402 · .668 – .816 · .667 – .811 · .131 – .214 · .039 – .200 · .442 – .545 · 602 · .399 – .447 · .365 – .419
Illumination: Type, Location and Number	(1) M.V. 20.65 · 22.59 M.V. 22.96 · 23.35 M.V. · 24.54 M.V.
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A · 24.96 · B
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 · 20.36 · A · 20.51 · B · 20.81 · A · 21.35 · B · 22.38 · C · 22.57 · B · 22.65 · A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999) · .472 · Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2) · 22.63 · Flat (1)
Speed: 1–Design, 2–Posted	50 MPH ② · 20.41 45 MPH ② 20.53 35 MPH ② 20.68 · 20.57 · 20.67 45 MPH ② 20.83 · 50 MPH ② · 22.20 · 22.24 · 35 MPH ② · 22.56 · 22.59 · 25 MPH ② · 23.38 35 MPH ② 23.60 45 MPH ② 23.85 · 50 MPH ② · 24.62 45 MPH ② 24.78 · 24.79 · 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	None
Traffic Stations (Current Year)	P73 0050 02237 · B73 0050 02269 · B73 0050 02320 · B73 0050 02568
HPMS Sections – AADT 2019	11,800 · 22.47 · 11,887 · 23.08 · 9,246 · 24.47 · 6,909
HPMS Sections – AADT 2018	11,900 · 11,700 · 9,100 · 6,800
HPMS Sections – AADT 2017	11,500 · 11,300 · 9,700 · 7,200
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	STP–050–1(040), PREVENTIVE MAINTENANCE, 2016 · 22.62
	21.36 · 50B–01–06M, REHABILITATION, 2014 · 22.47
	20.98 · STP–050–1(25), GUARDRAIL/SHOULDER IMPR., 2005
	(HWY–K–02–98 (IMPRV.) 2000)—20.54 → 20.70 · 21.34 · 50B–01–00M, Resurf., 2003 · 23.08
	STP–050–1(18), 1997 · 21.36 · STP–050–1(12) (GUARDRL. & SHLDR. IMPRV.), 1995
	STP–050–1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995 · 22.50 · 22.50 · 23.13 · 50B–01–67, 1967 · 24.34 · (F–050–1(1), 1957)
	50B–02–93M (FOG SEALING), 1994 · STP–050–1(10) (R), 1993 · 23.13 · BD 66–341 (R) 1967 · 24.34 · 24.36 · BD 66–341 (R), 1967
	← 20.36 · (HES–050–1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990) · 50B–01–92M (R), 1992 · 22.50 · 22.50 · 23.04 · STP–050–1(13) (R), 1995
	50B–01–86M (R), 1986 · 21.39 · HW–K–01–78M (R), 1978 · 0+00 · 206+00.1 · 23.12 · LT–K–03–80M (R), 1980 · 492+94
	FAP–F29(4), 1946 · 38+67.4 · 22.04 · FAP 29 A(1), 1938 · 22.78 · FAP 29 D(1), 1940 · 22.96 · 23.12 · FAP 29D (1), 1941 · 135+00 · 24.13 · DAWR 1, 1942 – 1944
SCALE: (In Miles) 4″ = 1 mile	20 · 21 · 22 · 23 · 24 · 25

Date Released	
Nov. 2001	
Revised	
Feb. 04	D.B.
July 04	D.B.
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY

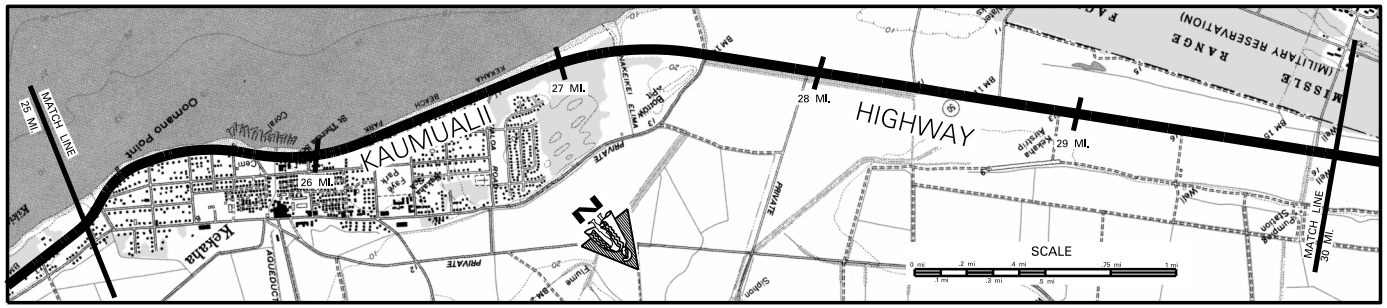
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	32.918	MILES	MILES (a + b)
a. Existing Length:	32.918	MILES	
b. Proposed Length:	0.00	MILES	
Total Travel Way Length:	32.918		MILES (a + b, less c)
a. Existing Length:	32.918	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.)

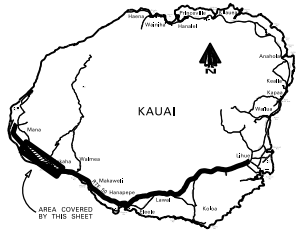
Structure Carrying Road

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

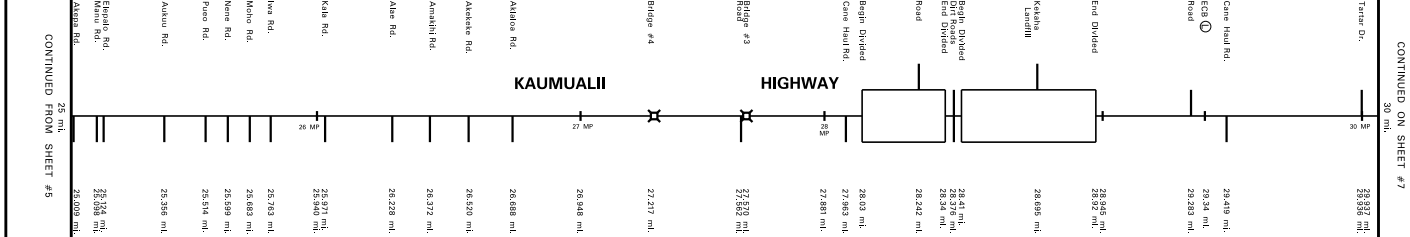
Structure Over Road

- 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	35 Wood 25' FEP; WW 75' FEP; WW 50' FEP; WW 50' 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	STP–050–1(038), MARKINGS AND SIGNAGE, 2017
Project No., Type of Construction, and Year Constructed	STP–050–1(041), PREVENTIVE MAINTENANCE, 2016



Road Diagram
MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	4' AC; 20' AC; 4' (4' AC); 5' AC; 4' (4' AC); 4' AC; 6' AC
Pavement: Width and Type	22' AC; 11' AC; (22' AC); 11' AC; 22' AC
Shoulder: Width and Type	4' AC; 6' AC; 0; (6' AC); 0; 6' AC
Median: Width and Type	MILLED CENTERLINE RUMBLE STRIP; 0'–11' Painted AC; 0'–18' Painted AC; MILLED CENTERLINE RUMBLE STRIP
Shoulder: Width and Type	0; 0
Pavement: Width and Type	11' AC; 11' AC
Shoulder: Width and Type	6' AC; 6' AC

Number of Traffic Lanes	2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	11' 11' 11'
(Right Side)	10'; 11' 11'; 13' 13'
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.; M.V.
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)	B; B; A
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 02668; B73 0050 02668; (B73 0050 02993)
HPMS Sections – AADT 2019	6,909; 4,369; (1,321)
HPMS Sections – AADT 2018	6,800; 3,876; (4,300)
HPMS Sections – AADT 2017	7,200; 5,249; (2,400)
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 65–341 (R), 1967) ER–1(12), 1997 (F–050–1(1), 1957) ER–1(12), ISTORM DAMAGE RECONSTRUCTION), 1984 50E–03–68 (R), 1968 STP–050–1(13) (R), 1995 BD 65–341 (R), 1967 L7–E–03–80M (R), 1980 DAWR \, 1942 – 1944 F–050–1(1), 1957 50E–03–68 (R), 1968 L7–E–03–80M (R), 1980 50 E–03–68 (R), 1968 DAWR \, 1942 – 1944 STP–050–1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005 HWY–K–03–82M (R), 1968 50A–01–08M, Pav't Marking, 2009 STP–050–1(12) (GUARDR\, & SHLDR, IMPRV.), 1995 50A–01–89M (R), 1990

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.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.

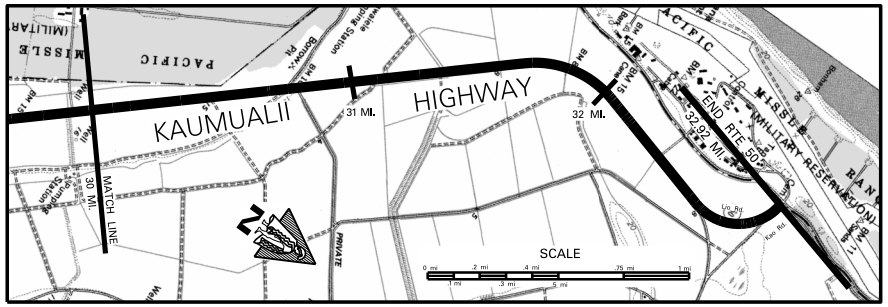
ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY, LIO RD., KAO RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	32.918	MILES (a+b)
a. Existing Length:	32.918	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	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

Horizontal Clearance

42' — 42'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) If varies — 100'

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

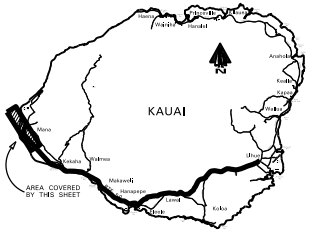
Right of Way Fence: Type – Right and Left — NONE

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — STATE — 0.00

Project No., Type of Construction, and Year Constructed — 0.00–30.00 STP–050–1(038), MARKINGS AND SIGNAGE, 2017

Project No., Type of Construction, and Year Constructed — STP–050–1(041), PREVENTIVE MAINENANCE, 2016 — 30.00–31.00 STP–050–1(26) (GUARDRL. & SHLDR.IMPRV.), 2005 — 31.00–32.92 50A–01–02M 2004 RESURFACE



Road Diagram
* MP = Milepost Signage

30 mi. CONTINUED FROM SHEET #6

Kia Rd. — Cane Haul Rd. — Bridge #2 — Bridge #1 — Imiloa Rd. — ECB — Hwy Spur — Kao Rd.

KAUMUALII HIGHWAY

31 MP — 32 MP — 32.97 MP

LIO RD. — A — KAO RD. — *32.918 mi.

30.747 mi. — 30.799 mi. — 30.946 mi. — 31.142 mi. — 31.570 mi. — 31.990 mi. — 32.323 mi. — 32.428 mi. — 32.571 mi. — 32.918 mi. — 32.969 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE. 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 — 0.01 — 20'–22' AC

Shoulder: Width and Type — 6' AC

Median: Width and Type — MILLED CENTERLINE RUMBLE STRIP — 30.95

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes — 2–11' — 0.01 — 2–(10'–11')

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

(Right Side)

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

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

Curb and/or Gutter: Type (Right and Left) — NONE — 31.01 — 31.14 — 31.56 — 31.57 — 31.97 — 32.00

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

Illumination: Type, Location and Number — NONE — 31.14 — 31.56 — 31.57 — 31.97 — 32.00

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62) — A — 32.23 — 32.24 — 32.25 — B — 32.92 — A

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) — 32.23 — 32.24 — 35 MPH (2)

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

Traffic Stations (Current Year) — B73 0050 02993 — B73 0050 03232

HPMS Sections – AADT 2019 — 1,321 — 528

HPMS Sections – AADT 2018 — 4,300 — 520 — 30.14

HPMS Sections – AADT 2017 — 2,400 — 530

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(25), (GUARDRL.& SHLDR.IMPRV.), 2005 — 31.00
STP–050–1(12) (GUARDRL.& SHLDR.IMPRV.), 1995 — 30.94
50A–01–02M 2004 RESURFACE
STP–050–1(12) (GUARDRL.& SHLDR.IMPRV.), 1995 — 30.94
50A–01–99M (R), 1990
31.17 — F–050–1(1), 1967 — 31.47 — 50A–0–70 (R), 1970 — F–050–1(1), 1967 — 32.04
DAWR 1, 1942 – 1944 — 31.40 — 31.89 — 132.00

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

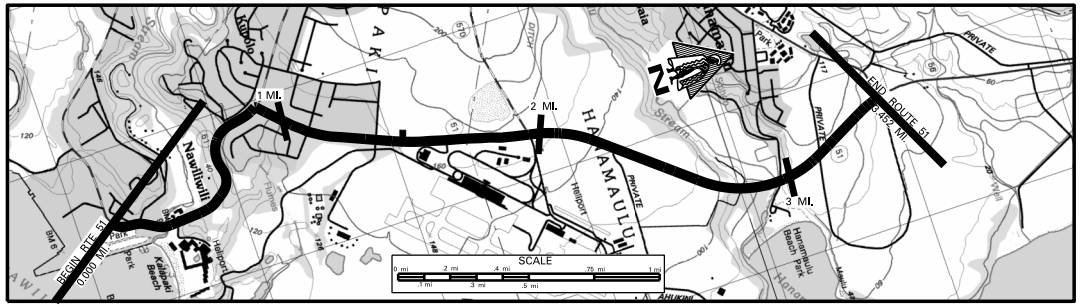
Date Released	
Nov. 2001	
Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY
KAUAI RTE 51
WAAPA RD., RICE ST., KAUAI VETERANS MEMORIAL HWY., 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: 3.452 miles
- a. Survey Length: 3.452 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: Begin 51A Same as Begin Rte 51 — 51A (0.91 MI.) — End 51A on Rice St. 830' N.W. of Mokul St. Center Line. — 51B (1.04 MI.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: SS–CONC. TEE 1933 H–15, 50' (12') — PRESTRESSED CONC. GIRDER, 1988 HS–20–40, 1140' (40')
- Vertical Clearance
- Horizontal Clearance: 24' — 40'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) If varies: 80' 50' 60' 60' 50' 100' 160' 150'–155' 180' 190' 120'–165' 205'–285' 120'–195' 180'–210' 150'–165'

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

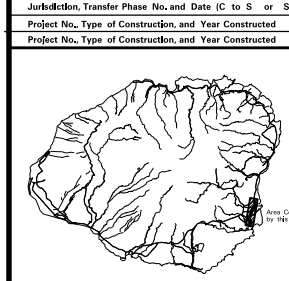
Right of Way Fence: Type – Right and Left

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

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

Project No., Type of Construction, and Year Constructed: NH–051–1(10), R, 2002 — 51B–01–17M, 2019, PAVE, REPAIR

Project No., Type of Construction, and Year Constructed: STP–0700(38), 1998 — STP–051–100, Impr., 2000 — DF–F–051–(3), 1975 — STP–051–020, Impr., 2000 — NH–051–1(011), RESURFACE, 2014



Road Diagram
* MP = Milepost Signage

Begin Rte 51 on Waapa Road at the Centerline of Waapa Road Intersection, (Rte 58).

0.000 mi. — ECB — 0.088 mi. — Waapa Rd. — 0.027 mi. — 0.027 mi. — 0.121 mi. — 0.184 mi. — 0.248 mi. — 0.292 mi. — 0.329 mi. — 0.374 mi. — 0.408 mi. — 0.478 mi. — 0.583 mi. — 0.810 mi. — 0.914 mi. — 0.979 mi. — 1.01 mi. — 1.099 mi. — 1.20 mi. — 1.361 mi. — 1.460 mi. — 1.51 mi. — 1.635 mi. — 1.764 mi. — 1.970 mi. — 1.992 mi. — 2.218 mi. — 2.268 mi. — 2.471 mi. — 2.787 mi. — 3.037 mi. — 3.006 mi. — 3.235 mi. — 3.235 mi. — 3.452 mi.

Rice St. — Hoea St. — Kauai Veterans Memorial Hwy — Kapule Hwy

Begin Rte 51 (Rice St.) — Begin Divided — Hoea St. — End Divided — Begin Divided — Kaana St. — Cane Haul Rd. — Begin Divided — Kauai Vet. Center — Nawiliwili Rd. — Kalapaki Rd. — Nawiliwili Br. Driveway (R) — Nawiliwili Br. Driveway (L) — Kalapaki Beach Driveway — End Divided — Begin Divided — Totem Sta. 51007 — Mokul St. — End Divided — Rice St. — Begin Divided — Nawiliwili Road — Nawiliwili Rd. — Kalapaki Rd. — Begin Divided — End Divided & Median Divided — Nawiliwili Road — Nawiliwili Rd. — Kalapaki Rd. — Begin Divided — Nimitz Point St. (R) — Road to Vidinha Stadium (L) — Begin Divided — Kaana St. — Cane Haul Rd. — Ahukini Rd. (Rte 570) — End Divided — Cane Haul Rd. — Hanamaulu Viaduct — Begin Divided

End Rte. 51 on Kapule Hwy at the South East Edge of Pavement of Kuhio Hwy (Rte 56), *3.452 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "GIS TOPOLOGY & GIS FEATURES" DATABASE.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

	Undivided	Divided
Shoulder: Width and Type	8' AC; 4'–8' Grs.	4'–6' AC; 2' AC/4' Grass; 10' AC; 10' PCC; 8' PCC; 8' AC; 8' UTW; 8' PCC; 8' UTW; (8' AC)
Pavement: Width and Type	(23'/24' AC) (11'/12' AC); 11'/12' AC; 23'/24' AC; (11–12' AC); 23'/24' AC; 11'/12' AC; 23'/24' AC; 11' AC; 12' PCC; 22' PCC; 11' PCC; 11' AC; 12' AC; 5' Bike Lane; (12' UTW); 24' UTW; 24' PCC; 24' UTW; 12' UTW; (12' AC)	
Shoulder: Width and Type	8' AC; 0; 8' AC; 0; 2'–4' AC; 0; 9' AC; 0; 8'–10' PCC; 0; 8' UTW; 8' PCC; 8' UTW; 0	
Median: Width and Type	(0'–33' Paint); 0'–9' Paint; (0'–21' Paint); (0'–0' Painted AC); 0'–11' Painted; 0'–11' Painted PCC; 0'–18' Painted AC; 0'–27' Painted AC; (0'–18' Painted UTW); 0'–4' Painted UTW; (0'–8' Painted AC)	
Median Barriers:		
Shoulder: Width and Type	0; 0; 0; 0; 0; 0; 0; 0	
Pavement: Width and Type	12' AC; 12' AC; 12' AC; 11' AC; 11' AC; 11' PCC; 11' PCC; 11' AC; 12' AC; (12' UTW); 12' UTW; (12' AC)	
Shoulder: Width and Type	8' AC; 8' AC; 8' AC; (4'–8' AC); 10' AC; 10' PCC; (5' Bike Lane); 8'–10' PCC; 8'–10' AC; (8' UTW); (5' Bike Lane); 8' UTW; (8' AC)	

Number of Traffic Lanes: 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' Truck Climb Lane; 11' AUX LANE

(Right Side)

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

Sidewalk: Width and Type (Right and Left): (8' Conc.)

Curb and/or Gutter: Type (Right and Left): 6" Conc. Curb; (Curb); (Conc. Curb); Conc. Gutter; Conc. Curb; (Curb); (Conc. Curb); AC Curb; Conc. Gutter; Conc. Curb; (8' Conc. Gutter); Conc. Gutter; Conc. Curb; (AC Curb)

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

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

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): D C A C A C D A D A

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 D B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (1998)

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

Speed: 1–Design, 2–Posted: (Not Posted); 25 MPH (2); 35 MPH (2); 40 MPH (2); 35 MPH (2); MS2012 (–) slide; 50 MPH (2); (Not Posted); 35 MPH

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

Traffic Stations (Current Year): P73 0051 00079; B73 0051 00137; B73 0051 00198

HPMS Sections – AADT 2019: 14,300; 14,800; 22,900

HPMS Sections – AADT 2018: 13,600; 15,400; 24,200

HPMS Sections – AADT 2017: 13,600; 14,500; 22,400

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

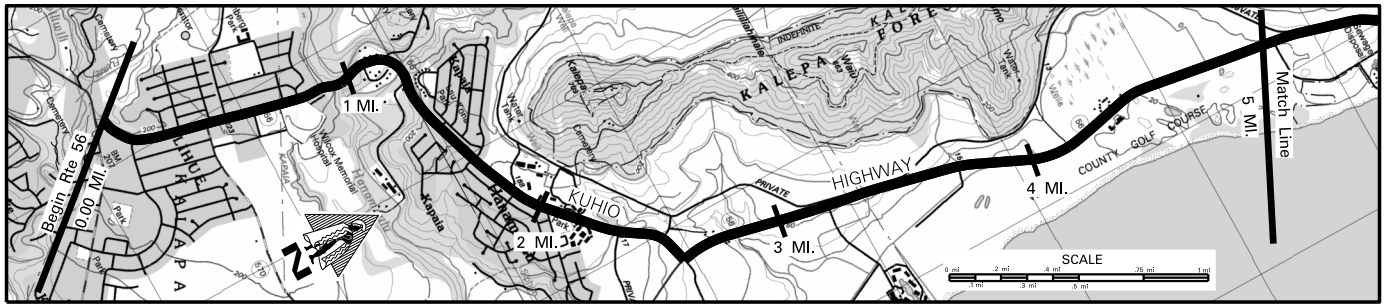
National Highway System (NHS): On NHS (1)

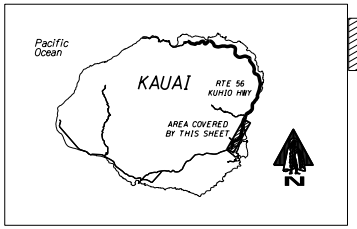
Previous Projects: Project No., Date and Limits:
- (STP–058–(2), Realign, 1993)
- County 0.09 FAP E–13–A, 1932
- 50E–(5–69), 1969, Resurf. & Truck Climb; 0.84 — 0.78 — 0.80 — 50A–(1–68)M, (R) 1988 — 0.88 — (FAP–E–(2)–A, 1932)
- 50E–(5–69), 1969 — 0.88 — DF–F–051–(3), 1975 — DF–F–051–(3), 1974
- (570A–(1–15M, 2017) — 1.95 — 2.13 — 51B–01–32M, (R) 1993 — 1.50 — 1.74 — F–051(7), 1988 — 2.00 — 2.09 — 51B–01–00M, 2001, Impr. — 2.78 — F–051–1(8), 1988 — 2.99 — F–051–1(7), 1988

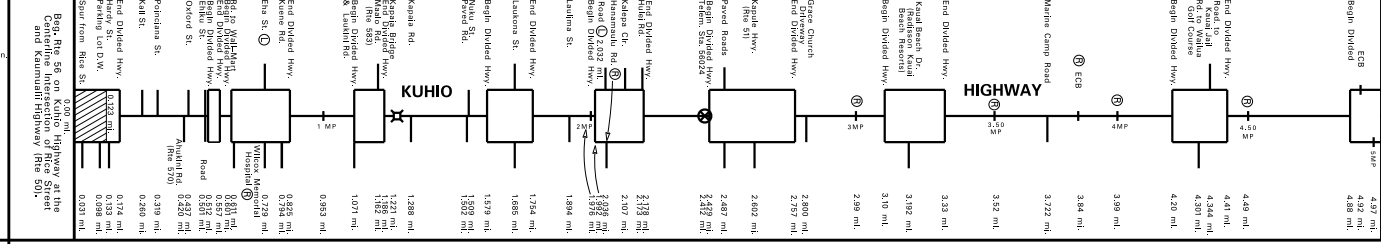
SCALE: (In Miles) 4" = 1 mile

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.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.
Dec. 19	D.B.







ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 28.119 MILES (a + b)
a. Existing Length: 28.119 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.119 MILES (a + b, less c)
a. Existing Length: 28.119 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

	0 – 5 mi.
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; 157'
Vertical Clearance	1.22
Horizontal Clearance	27'
Structure Over Road – Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	85' 0.14 50' 0.92 70' 0.98 80' 1.06 60' 1.29 120' 1.38 80' 1.43 65' 1.72 70' 1.80 60' 4.18 100'
Available Right of Way Width (Needs Study) (FEP = From Edge of Pav't)	Commercial / Residential 2.24 Clear 1000' – Sugar Cane 20' FEP
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't)	Chain Link 50' FEP 0.80 0.85
Control of Access: 1–None, 2–Partial, 3–Full	(56A–01–04M, RESURF., 2005); None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	133+47.30; 139+00; 144+50; State 238+00
Project No., Type of Construction, and Year Constructed	(50E–01–98, 2001 (REALIGNMENT)) 0.12 56A–01–00M 2004 RESURFACE 0.80 0.91 1.01 56A–01–04M, RESURF., 2005 223+82.59 2.42 HSIP–056–1(54) INTER. IMPRV. 2014 2.75 250+00 250+00 NH–056–1(058), RESURFACE, 2019
Project No., Type of Construction, and Year Constructed	0.13 97+75.91 144+50 1.02 2.02 56A–01–90M (R) 1991 2.39 2.42 2.80 2.98 HSIP–056–1(53), 2012, SAFETY IMPROVEMENTS

SCALE: (In Miles) 4" = 1 mile

		0 – 5 mi.
Undivided	Shoulder: Width and Type	2'–8' AC 0.10 0' (40' AC) 2' AC 0.78 2'–5' AC 1.16 4' AC 1.82 6'–10' AC 2.17 4' AC 2.40 6'–8' AC 2.79 40' AC 2.87 6' AC
Undivided	Pavement: Width and Type	24' AC (20' AC) 40' AC (20' AC) 20' AC 30' AC .000 22' AC 11' AC 22' AC 11' AC 22' AC 11' AC 22' AC 12' AC .602 10' AC 30'/33' AC 10'/11' AC 30'/33' AC 10'/11' AC 30'/33' AC 10'/11' AC
Undivided	Shoulder: Width and Type	0' 0.14 0' 0' 0' 0' 0' 1.03 4' AC 0' 2'–4' AC 1.52 4' AC 0' 7' AC 0' 4' AC 2.38 0' (8' AC) 2.80 6' AC .10 0' .33 6' AC .20 0' .41 6' AC .88 0'
Divided Highway	Median: Width and Type	6' Raised Conc. .123 .174 (0'–10' Painted AC) 0'–13' Painted AC 0.51 .557 .601 0'–13' Painted AC .825 .071 0'–11' Painted AC .186 .579 0'–12' Painted AC .754 .992 0'–10' Painted AC .178 (8'–10' AC) .429 0'–6' Painted AC .757 .75 Milled C/L Rumble Strip .10 0'–11' Painted AC .33 .20 0'–11' Painted AC .41 .88 0'–11' Painted AC
Divided Highway	Shoulder: Width and Type	0' 0' 0' 0' 0' 0' 0' 0' 0' 0'
Divided Highway	Pavement: Width and Type	24' AC (20' AC) 20' AC 20' AC .662 10' AC 11' AC 11' AC 11' AC 12' AC .646 20'/21' AC 20'/22' AC 20'/22' AC 20'/22' AC
Divided Highway	Shoulder: Width and Type	0' 0.14 0.23 0' 0' 4' AC 1.15 (2–4" AC) 4' AC 1.73 (7' AC) (7' AC) 2.02 4' AC 8'–10' AC 2.53 8' AC 6' AC 6' AC 6' AC
Number of Traffic Lanes		4–12' .140 4–10' .662 2–10' 1–10' .000 2–11' .059 .107 .429 1–12' .602 1–12' .646 1–10'/11' 2–10'/11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		12' 11' 13' .557 .601 .611 12' .671 .729 .768 .794 11' 10' AUX .120 .14 .18 11' 11' .685 11' Bus .733 .757 .779 12' 13' .160 12' (Same as Through Lane) .702 .602 .192 .15 11' 11' .25 .26 .301 .33 11' .96
(Right Side)		.100 .133 .155 .664 10' 12' Bus .662 .748 .768 .045 .071 .112 11' .162 1.30 .458 .563 11' Truck Climbing Lane (R) .629 11' .007 .032 .071 11' .014 .036 .063 .107 .144 (Same as Through Lane) 11' 11' 12' AUX .544 .602 .646 .09 11' 11' .192 .26 11' .27 .301 .32 .344 .37 11' .96
Frontage Road: No. of Lanes, and Width (Right and Left)		None
Sidewalk: Width and Type (Right and Left)		13' Conc. .107 6' Conc. .350 4' Conc. .803; .031 4'–6' Conc. .790 4' AC .027; .008 6' Conc. .171; .666 4' Conc. .029; .088
Curb and/or Gutter: Type (Right and Left)		Conc. Curb .800 AC Curb .931; Conc. Curb Conc. Curb & Gutter AC Curb .027; .168 .261; .666 Conc. Curb .029; .889 (Type 2 Conc. Gutters); .015; .960 (Conc. Curb)
Protective Devices: Type, Location and Number (All Metal Rail on Metal Post)		.107 .150 0.50 0.78 .912 .039 .175 .276 .324 .429 .594 .662 .746 .805 .885 .894 .900 .984 .050 .917
Illumination: Type, Location and Number		0.13 Mercury Vapor 2.16; 4.27 Mercury Vapor
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)		C 0.09 A 0.11 D 0.17 A 0.78 B 0.86 A 0.92 D 1.01 C 1.29 A 1.71 B 1.74 A 2.41 C 2.54 A F 2.62 A 4.41 B 4.53 A (2.58)
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 0.14 B 0.23 A 0.77 C 1.24 E 1.42 C 1.54 B 1.96 C 2.29 B 3.14 A 3.31 B 3.58 C 3.71 A 4.89 B
Contra–Flow Lane		2.60 Contra–Flow 5:53–8:30 AM ← Traffic Flow
Area and Development:		Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		0.78 Mountainous (3) 1.51 Rolling (2) 2.94 Flat (1)
Speed: 1–Design, 2–Posted		25 MPH Not Posted .477 25 MPH (2) .328 35 MPH 25 MPH .701 40 MPH 35 MPH .909 40 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		0.00 3 Phase .319 3 Phase .420 2 Phase .501 .611 3 Phase .729 3 Phase .685 .036 2 Phase .602 .700
Traffic Stations (Current Year)		B73 0056 00003; B73 0056 00049; B73 0056 00150; P73 0056 00240; B73 0056 00260
HPMS Sections – AADT 2019		28,200 0.42 22,100 1.16 18,600 2.04 15,600 2.60 30,800
HPMS Sections – AADT 2018		49,184 20,196 20,000 15,300 32,232
HPMS Sections – AADT 2017		47,333 19,800 18,600 15,100 31,600
DOD Sections		
Functional Classification		Principal Arterial (3)
National Highway System (NHS)		On NHS (1)
Previous Projects: Project No., Date and Limits		3.98 STP–0700(58), GUARDRAILS, 2008 4.92
		(HWY–K–03–00, Improvements, 2003) 4.88
		2.59 STP–056–(41) (R) 1999
		56A–01–89M (R) 1989 0.79 56A–01–93M (R) 1994 2.02; 3.04 STP–056–1(40) 1998
		(56A–02–72, 1976) (56A–01–75M (R)) 0.79 56A–01–75M (R) 1975 1.27 56A–02–67, 1967 1.53 1.67 HWY–K–01–82M (R) 1982 2.02 56A–01–90M (R) 1991
		0.10 56A–02–88 1988 0.41 0.53 0.60 0.79 (56A–01–85, (IMPRV.) 1987) (56A–02–72, 1976) 2.39 F–051–1(7) 1988 3.01 4.20 56A–01–80, 1981 (IMPRV.) 4.57
		(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; 2.60 2.81 HWY–K–01–78M (R) 1978 3.60 56A–01–72, 1976 3.81 HWY–K–01–78M, 1978 (R) 4.20 4.39 A–56–02–64 1968
		(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 (A–56–01–64, (R) 1965)
		(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 (LT–K–02–79 (SHLDR. & GUARDRAIL IMPRV.) 1980)
		(F–12(18), 1950)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	*D.B.*
July 04	*D.B.*
Jan. 06	*D.B.*
Mar. 09	*D.B.*
Sept. 10	*D.B.*
Feb. 11	*D.B.*
Feb. 12	*D.B.*
Sept. 12	*E.P.J.*
May 13	*D.B.*
Dec. 13	*E.P.J.*
July 14	*D.B.*
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Feb. 18	*D.B.*
Nov. 18	*D.B.*

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KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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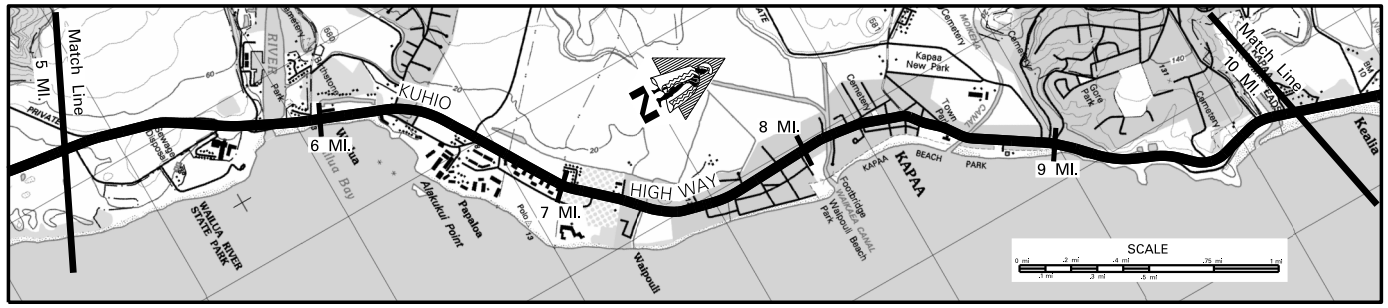
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 28.119 MILES (a + b)
a. Existing Length: 28.119 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.119 MILES (a + b, less c)
a. Existing Length: 28.119 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 — 5, 6, 7, 8, 9, 10

Maintenance Control Sections: Length and Description: 56A (9.86 MI.); End 56A – Begin 56B on Kuhio Hwy. 100′ North of Centerline Inersection with Mailihuna Rd. 9.86; 56B (3.68 MI.)

Structure Carrying Road

Bridges (Over 20′): Length, Type, Capacity and Year Constructed: Tee Beam (RIV) 425′ (5.77); Cont. Conc. Slab HS20 1963 56′ (Widened in 1993) (7.32); Prestressed Conc. Plank HS–20–44 81′ (Widened in 2001) (8.10); Tee Beam H20 (CNL) 1948 81′ (8.64); Tee Beam (STR) 1953 152′ (9.90)

Vertical Clearance: 5.77; 7.32; 8.10; 8.64; 9.90

Horizontal Clearance: 28′; 46′; 56′; 30′; 28′

Structure Over Road — Vertical Clearance:

Horizontal Clearance:

Right of Way Width (min.–max.) if varies: 100′ 5.14 60′ 5.69 80′ 6.12 60′ 8.16 70′ 8.36 60′ 8.59 Varies 80′–120′ 8.81 50′ 9.09 (Varies 50′–90′) 9.13 50′ 9.22 Varies 50′–80′ 9.52 (70′) 9.54 60′ 9.65 50′ 9.82 80′ 9.86 100′

Available Right of Way Width (Needs Study) (FEP = From Edge of Pav′t): Clear 1000′ – Sugar Cane 20′ FEP 5.85 Residential 6.38 (Sugar Cane – Clear 1000′) 6.52 Resort / Residential 9.03 Open Range 9.74 Residential

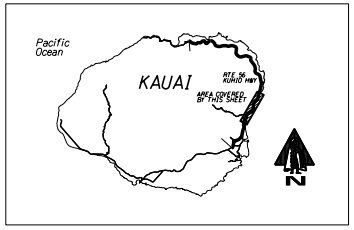
Right of Way Fence: Type – Right and Left: 2′ FEP Chain Link 8.46–8.52; 30′ FEP W/W 9.28–9.39

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

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

Project No., Type of Construction, and Year Constructed: NH–056–1(058) RESURFACE, 2019 5.59 (BR–056–1(51), Bridge Widening 2020) 6.59 (441+00) 56A–01–12M RESURFACE 2015 (518+36) 8.08 8.23 (5+10) 56A–01–05M, RESURF., 2010 (46+00) 9.00 (568+50) ARR–056–1(52), RESURF., 2010 (3+10) 9.92

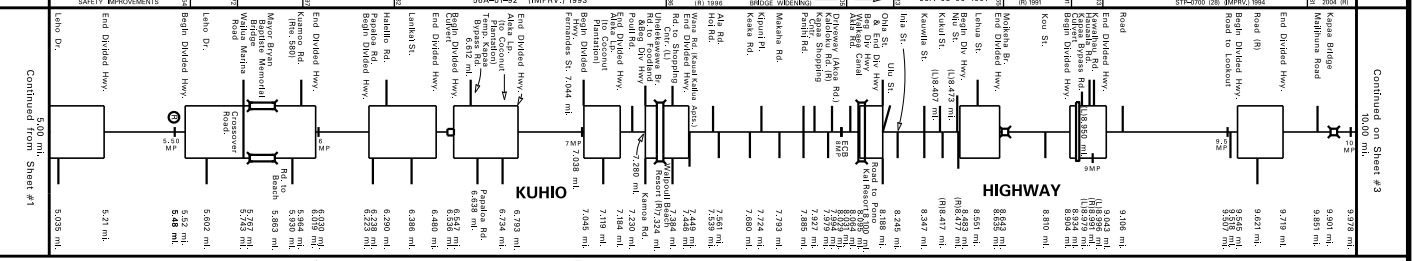
Project No., Type of Construction, and Year Constructed: HSIP–056–1(53), 2012, SAFETY IMPROVEMENTS 5.54 5.72 5.97 6.32 56A–01–92 (IMPRV.) 1993 7.36 STP–056–1(37) (R) 1996 (BR–STP–056–1(35), 2001 BRIDGE WIDENING) 8.05 8.23 56A–08–90 1991 8.65 56A–03–90M (R) 1991 8.91 9.03 (56A–01–97 ((L) TURN LANE) 1998) STP–0700 (28) (IMPRV.) 1994 9.81 56B–01–01M 2004 (R)



Road Diagram

* MP = Milepost Signage

Continued from Sheet #1 5.00 mi.



Continued on Sheet #3 10.00 mi.

SCALE: (In Miles) 4″ = 1 mile — 5, 6, 7, 8, 9, 10

Divided Highway — Undivided

Shoulder: Width and Type: 6′AC 5.71 4′AC 5.91 6′ AC 6.21 4′AC 7.21 2′ AC 8.06 (22′ AC) 0 8.99 4′–6′ AC 9.70 10′ AC 9.82 4′ AC 9.94 8′ AC

Pavement: Width and Type: 10′/11′ AC .21 30′/33′ AC 10′/11′ AC .59 11′ AC | 33′ AC | 11′ AC | 33′ AC | 11′ AC | 33′ AC | 11′ AC | 33′ AC | 11′ AC | 22′ AC | 11′ AC .230 27′ AC | 14′ AC | 26′ AC .800 24′ AC | 12′ AC | 24′ AC | 11′ AC | 23′ AC

Shoulder: Width and Type: 0 | 6′ AC .59 0 | 4′ AC 6.05 6′ AC | 0 | 4′ AC | 0 | 4′ AC | 0 | 4′ AC | 0 | 6′ AC 7.56 4′ AC 8.07 0 | 0 | 0 | 0 | 0 8.68 12′ AC | 0 | 6′ AC 9.35 4′–6′ AC | 0 | 6′ AC

Median: Width and Type: Milled C/L Rumble Strip; 0′–11′ Painted AC .21 .52; 0′–11′ Painted AC .696 0′–105′ Grass .754 105′–0′ Guard–Rail .900 0′–7′ Painted AC .019; .223 0′–10′ Painted AC .480; .547 0′–12′ Painted AC .793; .045 0′–12′ Painted AC .184 .280 0′–14′ Painted AC .446; (0′–13′ Painted AC) .100 .188; .483 0′–10′ Painted AC .635 .904; 0′–9′ Painted AC .043; .545 0′–11′ Painted AC .719

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

Pavement: Width and Type: 20′/22′ AC | 20′/22′ AC .59 22′ AC | 22′ AC | 22′ AC | 22′ AC | 22′ AC .384 (11′ AC) | 11′ AC | 13′ AC | 12′ AC | 12′ AC

Shoulder: Width and Type: 6′AC (6′ AC) 4′ AC | (6′ AC) 6.23 4′ AC | 4′ AC | 4′ AC | 4′ AC 7.33 6′ AC | 0 | 0 | 12′ AC 8.99 (6′ AC) (4′–6′ AC) 9.61 (6′ AC)

Number of Traffic Lanes: 1–10′/11′ 2–10′/11′ .59 1 – 11′ 2 – 11′ .666 .384 12′ 2–11′ .897 .910 .230 1–14′ .800 1–13′ .635 1–12′ .545 1–12′ 1–11′

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .035 11′ .11 .560 .602 .655 11′ 11′ .634 Aux .964 11′ .007 .900 10′ .964 10′10′ .235 .290 .356 .386 .413 .563 .562 13′ 12′ 11′ .612 .638 .665 .700 .734 .769 13′ 12′ 10′ .961 Bus .990 11′ 12′ 11′ .311 .384 .414 .427 .446 12′ .885 .927 Bus 10′ 2–Way (L) TL .100 .142 .188 .218 8′ Parking .902 .236 10′ .375 .417 .496 14′ .589 10′10′10′ .916 .950 .979 .996 .106 11′ .157 .580 13′ 13′ .672 .851 13′ .886

(Right Side): 11′ 11′ .035 .07 .891 10′ .930 .942 .290 .356 .081 .119 .171 .184 2–Way (L) TL .253 .280 10′ .316 .342 .384 11′ 12′ .439 2–Way (L) TL 12′ .892 11′ 11′ .230 Bus 10′ .218 .258 8′ Parking .551 .623 .556 12′ 12′ .621 .699 .953

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

Sidewalk: Width and Type (Right and Left): .290 Conc .356; .240 Conc .422; .187; 322 Conc .561; 5′ Conc. .993; .091 6′ Conc. .683; .964 6′ CONC.

Curb and/or Gutter: Type (Right and Left): (Conc. Curb); .290 C. C. .356; .240 Conc. Curb .422; .187; 322 Conc. Curb 561; Conc. Curb .993; .091 Conc. Curb .683; .964 2′ CONC. CURB & GUTTER

Protective Devices: Type, Location and Number (All Metal Rail on Metal Post): .042 .429 .596 .639 .760 .863 .937 .956 .223 .234 .257 .509 .521 .540 .567 .319 .320 .336 .342 .084 .097 .131 .150 .643 .647 .660 .665 .057 .075 .349 .478 .509 .512 .546 .616 .650 .768 .861 .882 .953

Illumination: Type, Location and Number: Mercury Vapor

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62): A 5.35 B 5.43 A 5.66 C 5.71 D 5.78 A 5.87 B 5.91 A 6.98 B 7.06 A B 7.10 A 7.35 CAB 7.43 C 7.49 A 8.23 B 8.26 A 8.38 D 8.45 A 8.54 B 8.59 A 8.64 C 8.7 A 8.96 B 9.00 A 9.38 B 9.49 A 9.55 C 9.69 A 9.81 C 9.91 A

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) 5.02 C 5.12 A 6.52 A 8.74 B 9.13 A 9.43 B 9.87 A

Contra–Flow Lane: Contra–Flow 5:53–8:30 AM ← Traffic Flow 6.60

Area and Development: Small Urban (99998)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) 8.99 Rolling (2)

Speed: 1–Design, 2–Posted: 40 MPH (2) .524 25 MPH / 35 MPH .023 25 MPH (2) .403 .399 35 MPH (2) .959 25 MPH (2) .052 35 MPH (2) / 25 MPH (2) .232 .231 40 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 2 Phase .964; 3 Phase .290; .399; 3 Phase .280; .384 3 Phase; 3 Phase .927; 3 Phase .417

Traffic Stations (Current Year): B73 0056 00260 | B73 0056 00596 | B73 0056 00880 | B73 0056 00899 | (B73 0056 01022)

HPMS Sections – AADT 2019: 30,800 | 27,900 | 21,700 | 15,700 9.95 (16,500)

HPMS Sections – AADT 2018: 32,232 | 29,784 | 8.18 22,300 | 15,708 (17,000)

HPMS Sections – AADT 2017: 31,600 5.96 | 29,200 | 22,500 8.99 | 15,950

DOD Sections

Functional Classification: Principal Arterial (3) 9.96 (Minor Arterial (4))

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

Previous Projects: Project No., Date and Limits:
(388+32.20) 5.59 5.86 (STP–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005) 5.88
5.54 STP–056–1(41) (R) 1999 5.77 56A–01–91 (Imprv.)1993 6.32
(HWY–K–03–00 Imprv. 2003) 5.24
STP–056–1(41) (R) 1999
STP–056–1(40) 1998 5.77 5.84 STP–056–1(37) (R) 1996 8.07
56A–01–90M (R) 1991 5.54 56A–01–91 (IMPRV.) 1993 6.34 7.32 56A–08–90 (IMPRV.) 1991 8.65 8.99 STP–0700 (28) (IMPRV.) 1994 (56B–01–89M 1989 (R))
(56C–01–87M 1987) LT–K–02–79 (SHLDR. & GUARDRAIL IMPRV.) 1980 8.01 8.09 56A–03–90M (R) 1991 9.89
56A–01–90M (R) 1991 5.84 56A–02–72 1976 6.01 A56–02–65 (R) 1967 6.18 56A–02–72 1976 6.31 HWY–K–01–77M (R) 1977 9.75 56A–01–72 1976 9.90 9.93 (HWY–K–01–77M 1977)
A–56–02–64 1968 5.54 HWY–K–01–78M (R) 1978 7.51 A56–02–65 (R) 1967 56A–01–74 1976 8.98 (56A–01–67 (R) 1967) (56A–01–67 (R) 1967)
F–12(18) 1950 5.76 .86 F–12(18) 1950 County .63 8.65 County 9.00 F–12(18) 1950 9.72 F–12(20) 1951
(F–12(15) 1948) (F–12(14) 1945) 8.01 8.12 (F–12(14) 1945)

SCALE: (In Miles) 4″ = 1 mile — 5, 6, 7, 8, 9, 10

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.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
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KUHIO HIGHWAY

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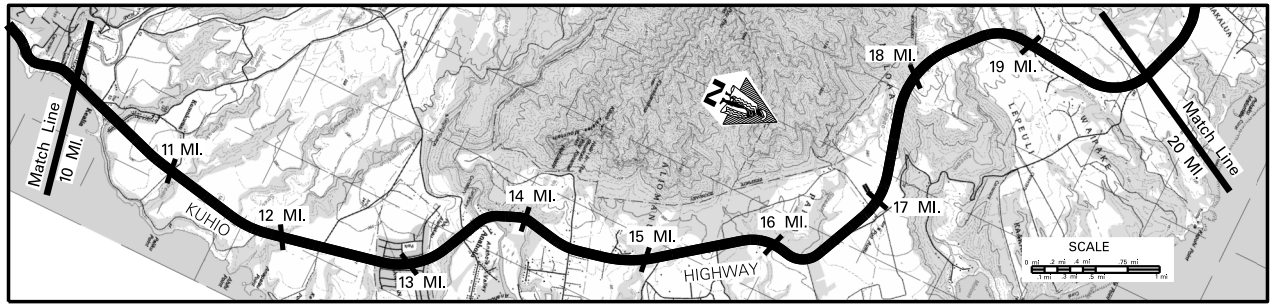
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 28.119 MILES (a+b)
a. Existing Length: 28.119 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.119 MILES (a+b, less c)
a. Existing Length: 28.119 MILES
b. Temporary Length: None MILES
c. Length used as T.W. for another Route: None MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____

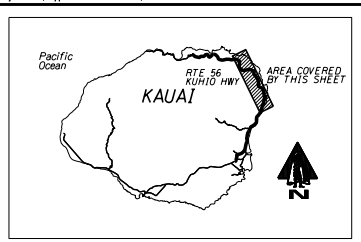


SCALE: (In Miles) 2" = 1 mile

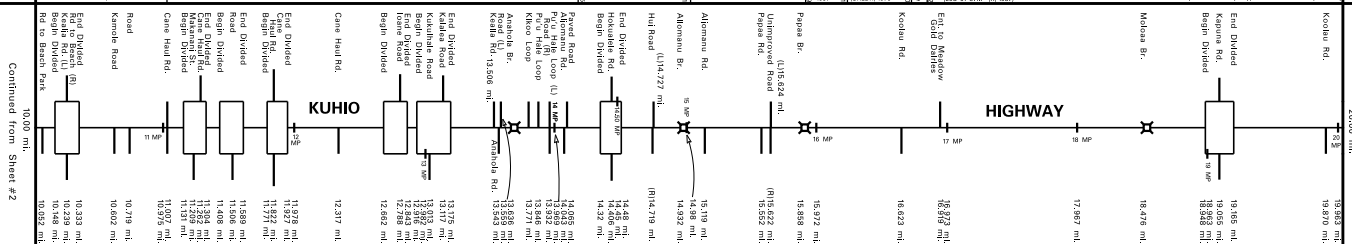
Maintenance Control Sections : Length and Description: 56 B (3.68 MI.) — End 56B and Begin 56C on Kuhio Hwy. at the Centerline Intersection with Anahola Rd. — 56 C (9.82 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC Box Girder (STR) 1960 214'; RC RGD FM FL SL (STR) 1960 20'; RC Deck Girder (GTR) 1957 68'; Prestressed Conc. Girder (STR) 1965 240'
Vertical Clearance: 13.5; 14.5; 14.5; 13.5
Horizontal Clearance: 28'; 28'; 40'; 28'
Structure Under Road — Vertical Clearance
Horizontal Clearance

Right of Way Width (min.–max.) if varies: Varies 80' to 160'; Varies 80' to 260'.
Available Right of Way Width (Needs Study): Residential; Clear 1000' – Sugar Cane; Residential; Clear 1000' – Pineapple / Sugar Cane; Bushes and Trees
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't.): C.L. (25' FEP); C.L. (15' FEP); None; C.L. (20' FEP); Wire on Wood 35' FEP; Wire on Wood 35' FEP
Control of Access: 1–None, 2–Partial, 3–Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State
Project No., Type of Construction, and Year Constructed: 56B–01–01M 2004 (R); 56C–01–15M, (R), 2019; STP–056–1(057) (Resurf.) 2020
Project No., Type of Construction, and Year Constructed: STP–0700(28) (SHLDR, & G.R. IMPRV.) 1994; 56 BC–01–99M, RESURF., 2000; STP–056–1(38) (R) 1996; 56C–02–07M, (R), 2008; 56C–01–87M (R) 1987; STP–056–1(42) (R) 1999; (STP–0700(58), GUARDRAILS, 2008)



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes: 2–11'; 2–12'; 2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left): None
Sidewalk: Width and Type (Right and Left): None
Curb and/or Gutter: Type (Right and Left) (All Gutters 2' Concrete): Type 2 Conc. Gutter
Protective Devices: Type, Location and Number (All Metal Rail on Metal Post)
Illumination: Type, Location and Number
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)
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)
Contra Flow Lane
Area and Development: Small Urban (99998); Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling (2); Flat (1); Rolling (2); Mountainous (3); Rolling (2); (Flat (1))
Speed: 1–Design, 2–Posted: 50 MPH (2); (45 MPH (2)); 35 MPH (2); 50 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing: None
Traffic Stations (Current Year): B73 0056 01022; B73 0056 01121; B73 0056 01355; B73 0056 01906; (B73 0056 02156)
HPMS Sections – AADT 2019: 16,500; 17,475; 15,748; 13,310; (14,123)
HPMS Sections – AADT 2018: 17,000; 17,200; 15,500; 13,100; (13,900)
HPMS Sections – AADT 2017: 15,950; 16,300; 14,400; 12,200; (13,029)
DOD Sections
Functional Classification: Minor Arterial (4)
National Highway System (NHS): Not on NHS (0)
Previous Projects: Project No., Date and Limits

Date Released
Nov. 2001

Revised	
Aug. 04	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.
July 14	D.B.
Jan. 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.
Dec. 19	D.B.

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

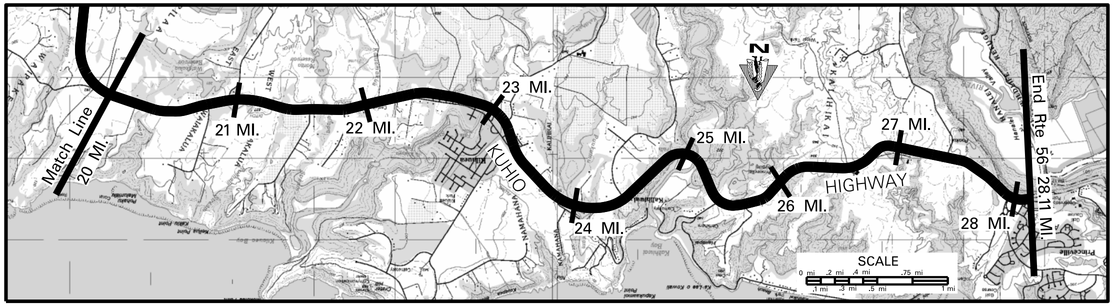
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

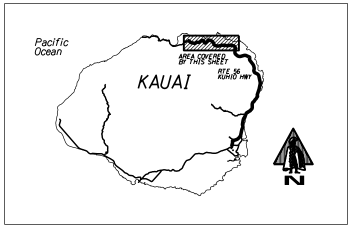
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

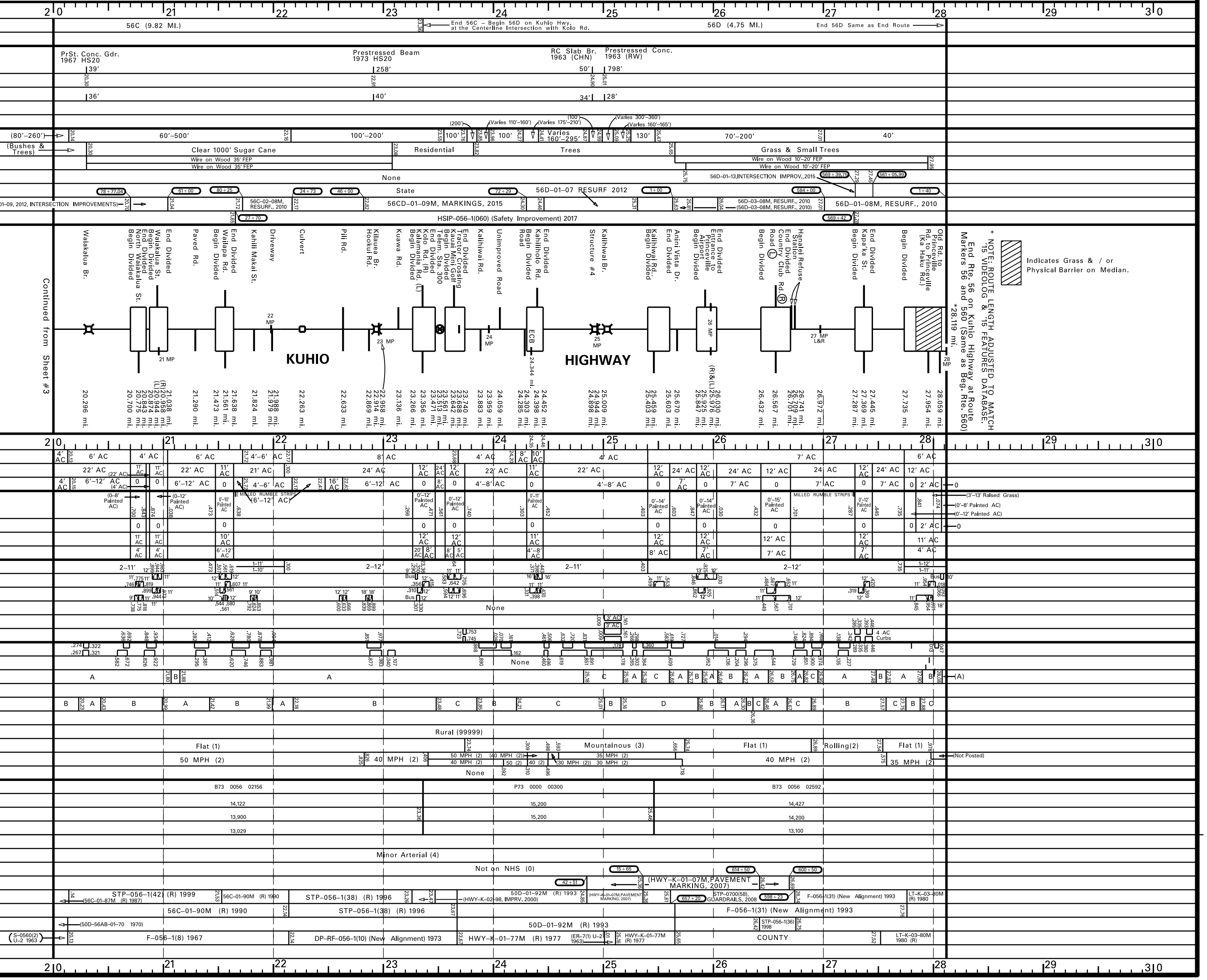
Total Designated Route Length: 28.119 MILES (a+b)
a. Existing Length: 28.119 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.119 MILES (a+b, less c)
a. Existing Length: 28.119 MILES
b. Temporary Length: None MILES
c. Length used as T.W. for another Route: None MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______





Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile — 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

Maintenance Control Sections : Length and Description	56C (9.82 MI.); 23.36 ← 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' (20.30); Prestressed Beam 1973 HS20, 258' (22.91); RC Slab Br. 1963 (CHN), 50' (24.90); Prestressed Conc. 1963 (RW), 798' (25.01)
Vertical Clearance	
Horizontal Clearance	36'; 40'; 34'; 28'
Structure Over Road — Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	(80'–260') → 20.14; 60'–500'; 22.16; 100'–200'; 23.55; 100'; (200'); 23.76; 23.85; (Varies 110'–160'); 23.96; 100'; 24.27; (Varies 175'–210'); 24.41; Varies 160'–295'; (100'); 24.87; 24.99; (Varies 300'–360'); 25.09; (Varies 160'–165'); 25.25; 130'; 25.47; 70'–200'; 27.01; 40'
Available Right of Way Width (Needs Study)	(Bushes & Trees) → 20.30; Clear 1000' Sugar Cane; 23.08; Residential; 23.82; Trees; 25.65; 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; 25.75; 27.95
Control of Access: 1–None, 2–Partial, 3–Full	None; 56D–01–13, INTERSECTION IMPROV., 2015; 569+39.75; 27.29; 27.45; 561+05.99
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	78+77.04; 61+00; 80+25; 24+73; 46+00; State; 72+29; 56D–01–07 RESURF 2012; 1+00; 584+00; 1+40
Project No., Type of Construction, and Year Constructed	(56C–01–09, 2012, INTERSECTION IMPROVEMENTS) 20.70 →; 21.04; 21.72; 56C–02–08M, RESURF., 2010; 22.17; 22.82; 56CD–01–09M, MARKINGS, 2015; 24.30; 24.46; 25.31; 25.63; 25.81; 26.04; 56D–03–08M, RESURF., 2010; (56D–03–08M, RESURF., 2010); 27.01; 56D–01–08M, RESURF., 2010
Project No., Type of Construction, and Year Constructed	21.65; 27+70; HSIP–056–1(060) (Safety Improvement) 2017; 569+42; 27.28

Road diagram features:

Continued from Sheet #3

Waiakalua Br. — 20.296 mi.
Begin Divided; North Waiakalua St.; End Divided; Begin Divided; Waiakalua St.; End Divided — 20.700 mi.; 20.775 mi.; 20.843 mi.; 20.874 mi.; (L) 20.944 mi.; (R) 20.958 mi.; 21.038 mi.
21 MP
Paved Rd. — 21.290 mi.
Begin Divided; Wailapa Rd.; End Divided — 21.473 mi.; 21.561 mi.; 21.638 mi.
Kahili Makai St. — 21.824 mi.
Driveway — 21.979 mi.; 22 MP 21.988 mi.
Culvert — 22.263 mi.
Pili Rd. — 22.633 mi.
Hookui Rd.; Kilauea Br. — 22.869 mi.; 22.914 mi.; 23 MP 22.958 mi.
Kuawa Rd. — 23.136 mi.
Begin Divided; Kalamania Rd. (L); Kolo Rd. (R); End Divided; Telem. Sta. 300; Begin Divided; Kauai Mini Golf; Tractor Crossing; End Divided — 23.266 mi.; 23.356 mi.; 23.471 mi.; 23.513 mi.; 23.561 mi.; 23.642 mi.; 23.688 mi.; 23.740 mi.
Kalihiwai Rd. — 23.883 mi.
24 MP — 23.959 mi.
Unimproved Road — 24.059 mi.
Begin Divided Road; Kahiliholo Rd.; End Divided — 24.285 mi.; 24.303 mi.; 24.398 mi.; 24.452 mi.
ECB 24.344 mi.
Structure #4; Kalihiwai Br. — 24.898 mi.; 24.944 mi.; 25.009 mi.; 25 MP
Begin Divided; Kalihiwai Rd.. — 25.403 mi.; 25.459 mi.
End Divided — 25.603 mi.
Anini Vista Dr. — 25.670 mi.
Begin Divided; Airport Entrance to Princeville; End Divided — 25.847 mi.; 25.925 mi.; 25.976 mi.; (R)&(L) 26.030 mi.; 26 MP
Begin Divided — 26.432 mi.
Country Club Road (L) Rd. (R) — 26.567 mi.
End Divided — 26.701 mi.
Hanalei Refuse Station — 26.709 mi.; 26.741 mi.
27 MP L&R — 26.972 mi.
Begin Divided; Kapa'ka St.; End Divided — 27.287 mi.; 27.369 mi.; 27.445 mi.
Begin Divided — 27.735 mi.
Old Rd. to Princeville Rd. to Princeville (Ka Haku Rd.) — 27.954 mi.
28 MP — 28.059 mi.

KUHIO HIGHWAY

End Rte. 56 on Kuhio Highway at Route Markers 56 and 560 (Same as Beg. Rte. 560) *28.119 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

▨ Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 2" = 1 mile — 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

Undivided Highway — Shoulder: Width and Type	4' AC; 20.13; 6' AC; 4' AC; 6' AC; 21.72; 4'–6' AC; 22.17; 8' AC; 23.68; 4' AC; 24.20; 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; 21' AC; .100; 24' AC; 12' AC; 24' AC; 12' AC; 22' AC; 11' AC; 22' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC
Shoulder: Width and Type	4' AC; 20.15; 6'–12' AC; (4' AC); 0; 0; 6'–12' AC; 0; 21.72; 4'–6' AC; 22.17; 22.47; 16' AC; 22.63; 6'–12' AC; 0; 8' AC; 0; 4'–8' AC; 0; 4'–8' AC; 0; 7' AC; 0; 7' AC; 0; 7' AC; 0; 7' AC; 0; 2' AC; ← 0
Divided Highway — Median: Width and Type	(0–8' Painted AC); (0–12' Painted AC); 0'–10' Painted AC; MILLED RUMBLE STRIPS (6'–12' AC); 0'–12' Painted AC; 0'–12' Painted AC; 0'–11' Painted AC; 0'–14' Painted AC; 0'–14' Painted AC; 0'–15' Painted AC; MILLED RUMBLE STRIPS; 0'–12' Painted AC; ← (3'–13' Raised Grass); ← (0'–8' Painted AC); ← (0'–12' Painted AC)
Shoulder: Width and Type	0; 0; 0; 0; 0; 0; 0; 0; 0; 0; 0; 2' AC; ← 0
Pavement: Width and Type	11' AC; 11' AC; 10' AC; 12' AC; 12' AC; 11' AC; 12' AC; 12' AC; 12' AC; 12' AC; 11' AC
Shoulder: Width and Type	4' AC; 4' AC; 6'–12' AC; 20' AC; 8' AC; 8' AC; 5' AC; 4'–8' AC; 8' AC; 7' AC; 7' AC; 7' AC; 4' AC
Number of Traffic Lanes	2–11'; 1–11'; 1–10'; 2–12'; 2–11'; 2–12'; 1–12'; 1–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	11'; 12'; 12'; 11'; 9' Bus; 12'; 11'; 11'; 16'; 16'; 11'; 13'; 12'; 11'; 12'; Bus 10'
(Right Side)	9'; 11'; 11'; 10'; 12'; 9' 10'; 12' 12'; 18' 18'; Bus 12'; 12' 11'; 11' 11'; 12'; 11'; 12'; 11'; 18'
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	3' AC; 3' AC
Curb and/or Gutter: Type (Right and Left) — All 2' Conc. Gutters.	4 AC Curbs
Protective Devices: Type, Location and Number — M/M = Metal Rails on Metal Posts	
Illumination: Type, Location and Number	None
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A; 21.80; B; 21.88; A; 25.18; C; 25.18; A; 25.35; C; 26.60; A; 25.77; B; 25.90; A; 26.04; B; 26.27; A; 26.50; B; 26.75; A; 26.82; C; 26.95; A; 27.48; B; 27.57; A; 27.90; B; 28.08; ← (A)
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; 20.23; A; 20.43; B; 20.99; A; 21.42; B; 21.99; A; 22.18; B; 23.48; C; 23.85; B; 24.21; C; 25.01; B; 25.16; D; 25.86; B; 26.11; A; 26.30; B; C; 26.46; A; 26.67; C; 26.89; B; 27.57; C; 27.75; B; 27.88; C
Contra Flow Lane	
Area and Development:	Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (1); 23.74; Mountainous (3); 25.74; Flat (1); 26.89; Rolling(2); 27.54; Flat (1)
Speed: 1–Design, 2–Posted	50 MPH (2); 40 MPH (2); 50 MPH (2); 40 MPH (2); (40 MPH (2)); 50 (2); 40 (2); (30 MPH (2)); 35 MPH (2); 30 MPH (2); 40 MPH (2); 35 MPH (2); ← (Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing	None
Traffic Stations (Current Year)	B73 0056 02156; P73 0000 00300; B73 0056 02592
HPMS Sections – AADT 2019	14,122; 15,200; 14,427
HPMS Sections – AADT 2018	13,900; 23.36; 15,200; 25.46; 14,200
HPMS Sections – AADT 2017	13,029; 13,100
DOD Sections	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	42+51; 15+65; 25.36; (HWY–K–01–07M, PAVEMENT MARKING, 2007); 26.42; 614+50; 26.69; 600+50
	.14; ← (56C–01–87M (R) 1987); STP–056–1(42) (R) 1999; 21.53; 56C–01–90M (R) 1990; STP–056–1(38) (R) 1996; 23.26; 23.47; ← (HWY–K–02–98, IMPRV. 2000); 50D–01–92M (R) 1993; 24.85; (HWY–K–01–07M, PAVEMENT MARKING, 2007); 25.36; 25.61; 657+20; STP–0700(58), GUARDRAILS, 2008; 598+23; 26.74; F–056–1(31) (New Alignment) 1993; LT–K–03–80M (R) 1980
	56C–01–90M (R) 1990; 22.14; STP–056–1(38) (R) 1996; 23.67; F–056–1(31) (New Alignment) 1993; 27.76
	← (50D–56AB–01–70 1970); 50D–01–92M (R) 1993; 26.42; STP–056–1(36) 1998; 26.75
	(S–0560(2) U–2 1963) → 20.13; F–056–1(8) 1967; 22.14; DP–RF–056–1(10) (New Alignment) 1973; 23.67; HWY–K–01–77M (R) 1977; (ER–7(1) U–2 1963) → .01; 25.16; HWY–K–01–77M (R) 1977; 25.65; COUNTY; 27.52; LT–K–03–80M 1980 (R)

SCALE: (In Miles) 2" = 1 mile — 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

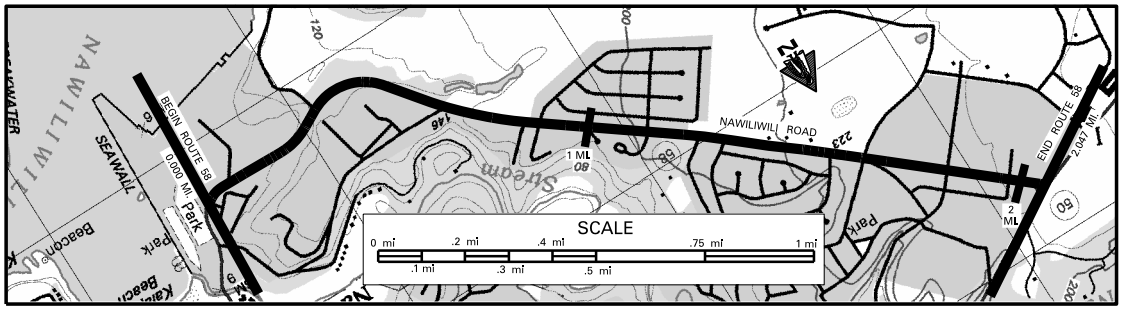
Date Released	
Nov. 2001	
Revised	
Aug 04	*D.B.*
Sept. 06	*D.B.*
Feb. 08	*D.B.*
Mar. 09	*D.B.*
Sept. 10	*D.B.*
Feb. 11	*D.B.*
Feb. 12	*D.B.*
Sept. 12	*E.P.J.*
Dec. 13	*D.B.*
July 14	*D.B.*
Jan 16	*C.R.*
Aug. 16	*D.B.*
Feb. 18	*D.B.*
Nov. 18	*D.B.*

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: 2.047 miles
- a. Survey Length: 2.047 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
Structure Carrying Road: Vertical Clearance
Structure Carrying Road: Horizontal Clearance
Structure Over Road: Vertical Clearance
Structure Over Road: Horizontal Clearance

Right of Way Width (min.–max.) If varies: 80' | 0.04 | 0.03 | 0.20 | 0.26 | 140' | 150' | 0.18 | 110' | 0.24 | 90' | 0.31 | 110' | 0.35 | 100' | 0.39 | 80' | 0.61 | 120'

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

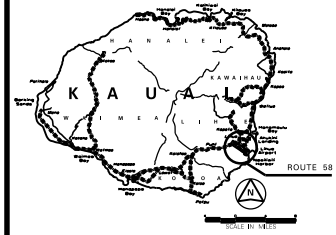
Right of Way Fence: Type – Right and Left: 6' chainlink | 6' chainlink | 6' chainlink | 0.94 | 0.98 | 1.18

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: 0.09 | 58A–01–14M, Resurf., 2020 | 1.07

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN RTE 58 ON NAWILIWILI ROAD AT THE INTERSECTION OF WAAPA ROAD (RTE 51) (L) & KAILIKEA STREET (R) 0.000 mi.

Wilcox Rd. & Dog Ch. Hwy (0.009 mi.) – Niumalu Rd. (0.079 mi.) – Lala Rd. (0.356 mi.) – Elele Pl. (0.682 mi.) – Aipapane St. (0.849 mi.) – Begin Divided (0.931 mi.) – Begin Median Measured (0.974 mi.) – Nokekula St. (L) – Nokekula Ct. (R) (1.138 mi.) – End Divided (1.233 mi.) – Northwill Road (Grove Farm Museum) (1.260 mi.) – Alaeha St. (1.314 mi.) – Begin Divided (1.432 mi.) – Tikkun Sta. 58014 (1.448 mi.) – Kanani St. (1.557 mi.) – Pikake St. (1.634 mi.) – Rd. to Kukui Grove Shopping Ctr. (L) Hardy Rd. (R) (1.827 mi.) – Rd. to Kukui Grove Shopping Ctr. (L) Kukui Grove St. (R) (1.972 mi.) – END RTE 58 ON NAWILIWILI ROAD AT THE SOUTH E.P. OF KAUMUALI HIGHWAY (RTE 50) 2.047 mi.

NAWILIWILI ROAD

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

SCALE: (In Miles) 4" = 1 mile

Undivided — Shoulder: Width and Type: 8' AC | 0.15 | 10' Dirt | 4' AC | 0.66 | 9' AC | 0.88 | 4' AC | 1.58 | 10' AC | 4' PCC BIKE LANE | 2.07 | 0

Undivided — Pavement: Width and Type: 11' AC | 23' AC | 24' AC | 12' AC | 23' AC | 11' AC | 11' PCC | 0.83 | 22' PCC

Undivided — Shoulder: Width and Type: 0 | 10' Dirt | 0.15 | 8'–10' AC | 0.27 | 4'–22' AC | 0 | 14' AC | 9' AC | 4' AC | 0.95 | 0

Divided Highway — Median: Width and Type: 0'–13' Painted AC | 0.09 | 0.24 | 0'–11' Painted AC | 0.33 | 0.35 | 0.44 | 0'–20' Painted | 0.57 | 0'–20' Raised Grass | 0.67 | 0'–20' Raised Conc.

Divided Highway — Shoulder: Width and Type: 0 | 0 | 0.95 | 0

Divided Highway — Pavement: Width and Type: 12' AC | 12' AC | 11' AC | 22' PCC | 2.07

Divided Highway — Shoulder: Width and Type: 8' AC | 4' AC | 10' AC | 4' PCC BIKE LANE | 0

Number of Traffic Lanes: 2–11' | 0.12 | 2–12' | 0.27 | 4 | 0.38 | 3–11' | 0.56 | 0.63 | 2–11' | 2.07

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' (L) T.L. (All 12' T.Lk.)

(Right Side): All 12' T.Lk. (Same as 3–11' Through Lanes)

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

Sidewalk: Width and Type (Right and Left): 8' Conc.)

Curb and/or Gutter: Type (Right and Left): 8' Concrete Gutter | 0.15 | 0.28 | 0.37 | 0.47 | 4' Curb | 0.51 | 0.54 | Concrete Curb | Concrete Curb | 1.48

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

Illumination: Type, Location and Number: None | 0.26 | 61 HPS | 0.95 | 0.96 | 0.97 | 0.98 | 0.99

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): E | 0.05 | A | 0.13 | F | 0.15 | C | 0.23 | A | 0.30 | C | 0.53 | A | 0.95 | C | 0.96 | B | 0.98 | A | 2.07 | F

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 | 0.07 | B | 0.83 | C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) | 0.06 | 0.16 | Rolling (2) | 0.27 | Flat (1) | 0.82 | 2.07

Speed: 1–Design, 2–Posted: 25 MPH (2) | Not Posted | 0.16 | 35 MPH | 0.25 | 40 MPH (2) | 0.71 | 35 MPH (2) | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase | 0.82 | 3 Phase | 0.87 | 3 Phase | 0.97 | 3 Phase

Traffic Stations (Current Year): B73 0058 00008 | B73 0058 00034 | P73 0058 00144 | B73 0058 00183

HPMS Sections – AADT 2019: 10,300 | 0.34 | 10,700 | 12,500 | 7,327

HPMS Sections – AADT 2018: 10,000 | 10,400 | 0.60 | 12,300 | 0.93 | 7,242

HPMS Sections – AADT 2017: 10,200 | 12,200 | 7,100

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits:
- NH–051–2(10) Resurf., 2002 — NH–058–1(3), Resurface, 2002
- STP–058–(2) Rehabilitation, 1992 — 0.31 — HWY–F–01–87 Improvements, 1987 — 0.88 — S8A–01–3BM, Resurface, 1988 — 58–01–8 (Reconstruction) 1971 — S–354(1) 1954, 56 — 1.32 — 2.12 — HW–F–058–2(1), 1991 — 1.32 – 2.12

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. 13	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.

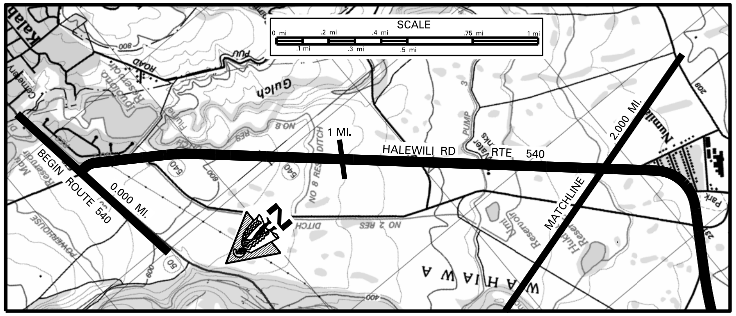
ROAD INVENTORY

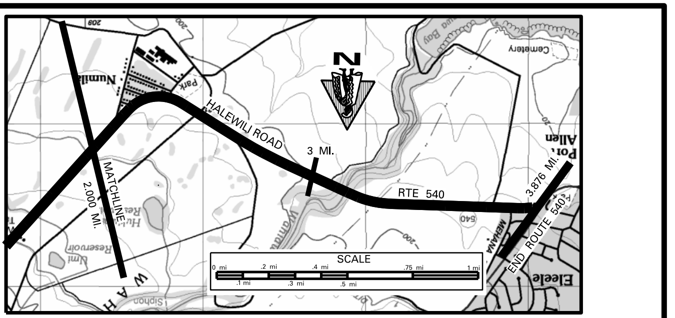
KAUAI RTE 540
HALEWILI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

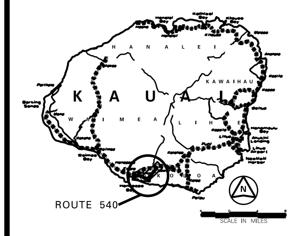
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 3.876 miles
a. Survey Length: 3.876 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles





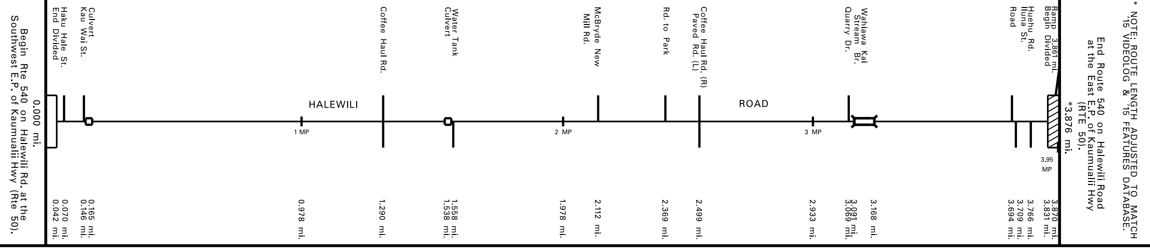
	0 – 5 miles (SCALE: (In Miles) 4" = 1 mile)
Maintenance Control Sections : Length and Description	0.01 Begin 540A on Halewili Rd. 30' S.W. of centerline of Kaumualii Hwy. (Rte 50); 540 A (3.90 mi.); End 540A on Halewili Rd. 220' N.E. (Measured along the S.W. Spur) of the Centerline Intersection w/ Kaumualii Hwy 3.91
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Prestressed Beam 1950 (1974) H–20 408'
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	48'
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60'; 1.02; 65'; 1.06; 60'; 2.47; 80'; 3.65; 130'; 3.69; 65'
Available Right of Way Width (Needs Study)	Clear 1000' – Sugar Cane 20' from E.P.; 2.14; Residential; 2.43; Clear 1000' – Sugar Cane 20' from E.P.
Right of Way Fence: Type – Right and Left	None
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	126 + 15; 0.03; 200 + 68; STP–0540(3), (R), 2007; 72 + 10; 1.05
Project No., Type of Construction, and Year Constructed	(STP–050–1(9) (Realignment), 1996); 0.06; 0.13; (STP–0700–(35) SHLDR & GRD. RL. IMPROV. 1997); STP–0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS; (540A–01–02M 2004 RESURFACE); 12 + 00; 3.71



▨ Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

	0 – 5 miles (SCALE: (In Miles) 4" = 1 mile)
Undivided — Shoulder: Width and Type	6' AC; 12' AC; 3.22; 6' AC
Undivided — Pavement: Width and Type	(12' AC); 24' AC; 2.97; .069; (12' AC)
Undivided — Shoulder: Width and Type	0; 6' AC; 2.86; 12' AC; 6' AC; 12' AC; 6' AC; 0
Divided Highway — Median: Width and Type	(AC Curb (0'–53') & Flush Grass (0'–40') w/ AC Fringe (No Shoulder))
Divided Highway — Median Barriers:	(0'–15' Painted AC); .831
Divided Highway — Shoulder: Width and Type	0; .042; 0
Divided Highway — Pavement: Width and Type	(12' AC); (12' AC)
Divided Highway — Shoulder: Width and Type	(20' Grass); (10' Grass)
Number of Traffic Lanes	2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.865; (Same as Through Lane)
(Right Side)	.667; .709
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)	.160; .217; .469; .589; .868; .912; .529; .573; .077; .111; .197; .361; .269; .718
Protective Devices: Type, Location and Number — Metal Rails on Metal Posts	.079; .073; .541; .542
Illumination: Type, Location and Number	0.01; .141; .177; .836; .026; .491; .546; .160; .201; .257; .309; .235; .677
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	(F); D; 0.06; A; 2.20; C; 2.44; A; 3.85; D
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; D; 1.15; C; 2.14; B; 2.51; A; 2.68; B; 2.76; C; 2.97; B; 3.66; C
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2)
Speed: 1–Design, 2–Posted	35 MPH (2); (Not Posted); 35 MPH (2); .049; .197; 50 MPH (2); .027; .033; 35 MPH (2); .573; .563; 50 MPH (2); .505; 45 MPH (1); .633; 35 MPH (1); .766; (Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0540 00014
HPMS Sections – AADT 2019	2,946
HPMS Sections – AADT 2018	2,900
HPMS Sections – AADT 2017	3,100
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	0.06; STP–0700–(35) (Shoulder and Guardrail Improvements), 1997
	0.07; 1.03; 540A–01–02M 2004 RESURFACE
	(STP–050–1(9) (Realignment), 1996); HWY–K–01–91M (Resurface), 1991; 3.11; 3.18; HWY–K–01–91M (Resurface), 1991
	540A–01–72 (Resurface), 1972; 3.09; 3.25; 540A–01–72 (Resurface), 1972
	FAS 5A(1), 1939; 1.50; S–5(2), 1950; (RS–540(1), 1974); 3.95
	127 + 84.80; –1 + 55.07; 79 + 44.07; 0 + 55.15 (Spur – Port Allen Leg)

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.*
July 14	*D.B.*
Jan 16	*C.R.*
Aug. 16	*D.B.*
Feb. 18	*D.B.*
Feb. 19	*D.B.*

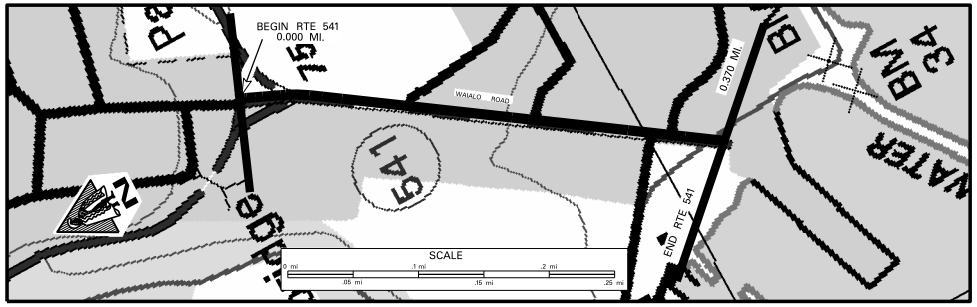
ROAD INVENTORY
KAUAI RTE 541
WAIALO ROAD

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

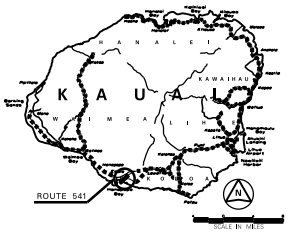
Total Route Length: 0.370 miles
a. Survey Length: 0.370 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

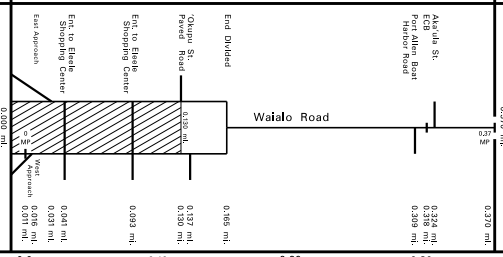
0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description	Begin 541 A on Waialo Road at Centerline of Kaumualii Hwy. — 541 A (0.37 mi.) — End 541 A Same as End Route.
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.-max.) if varies	Varies 0.000 — R/W is 40' from Centerline of Approaches — 100' 0.047 — 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	0.000 — 541A–01–04M, Resurf., 2008 — 0.370
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



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.
End Rte 541 on Waialo Road at the "End State Highway" Sign at Port Allen. "0.370 mi."

SCALE: (In Miles) 20" = 1 mile

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

Divided Highway, Undivided: Shoulder: Width and Type	5'–12' AC — 0.131 — 6'–8' AC
Divided Highway, Undivided: Pavement: Width and Type	16' AC — 0.053 — 20' AC — 0.131 — (30' AC) 25'–26' AC
Divided Highway, Undivided: Shoulder: Width and Type	0 — 10' Dirt — 0.053 — 6' AC — 0.185 — 10' AC
Divided Highway: Median: Width and Type	4'–15' Raised Grass — 0.041 — 4' Raised Grass — 0.126 — 0'–5' Paint — 0.185
Divided Highway: Shoulder: Width and Type	0
Divided Highway: Pavement: Width and Type	15'–18' AC — 0.055 — 22' AC — 0.132 — 10' AC
Divided Highway: Shoulder: Width and Type	10' Dirt — 0.053 — 4' AC — 0.126 — 10' Dirt
Number of Traffic Lanes	L-10' — 0.053 — (L-10'–18') — 0.055 — (L-21') — 0.132 — L-10' — 0.126 — L-12' — L-13'/14'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	L-10' — 0.055
(Right Side)	R-11' — 0.039 — R-14' — 0.137 — R-10' — 0.370
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)	
Protective Devices: Type, Location and Number	None
Illumination: Type, Location and Number	None
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	C — 0.032 — B — 0.072 — A
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 — 0.321 — B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2) — 0.247
Speed: 1–Design, 2–Posted	Not Posted — 0.000 — 35 MPH (2) — 0.247 — Not Posted
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0541 00014
HPMS Sections – AADT 2019	3,048
HPMS Sections – AADT 2018	3,000
HPMS Sections – AADT 2017	3,434
DOD Sections	
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.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

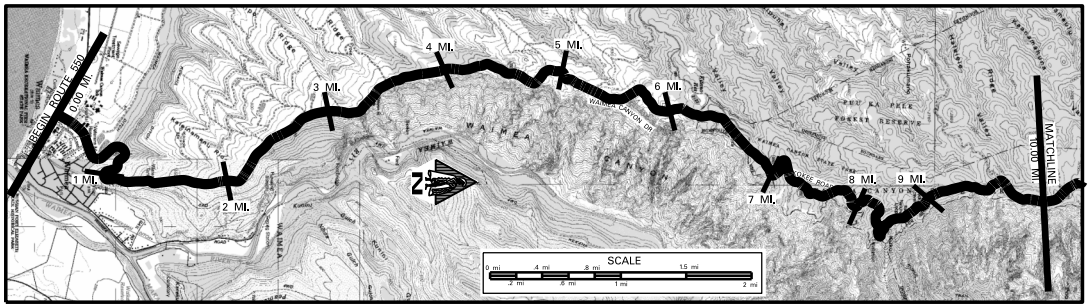
ROAD INVENTORY
KAUAI RTE 550
WAIMEA CANYON DRIVE & KOKEE RD.

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: 14.072 miles
a. Survey Length: 14.072 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 KAUMUALI HWY (RTE 50) — 550 A (6.73 MI.) — END 550A & BEG 550 B ON WAIMEA CANYON DR.50' S.E. OF THE CENTERLINE INTERSECTION WYH KOKEE RD. — 550 B (7.37 MI.)

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

Right of Way Width (min.-max.) if varies: 40' (0.00–1.66), 80' (1.66–4.94), 40' (4.94–6.78), 80' (6.78–10.00)

Available Right of Way Width (Needs Study): RESIDENTIAL (0.00–0.07); CLEAR 1000' BUSHES AND GRASS (0.07–7.00); TREES (7.00–10.00)

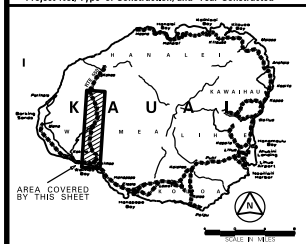
Right of Way Fence: Type – Right and Left: NONE; SILT FENCE (4.38–4.42)

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

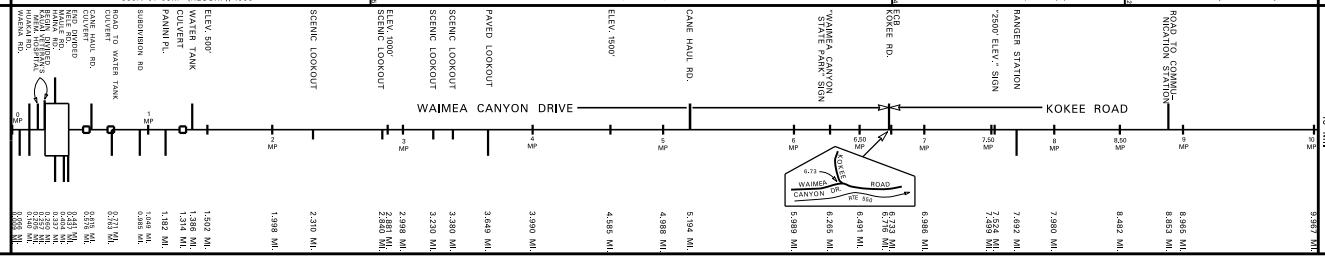
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STP–0550(004),(R),2015

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



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided:

- Shoulder: Width and Type: 4'–6' GRAVEL; 4' GRAVEL; 6' GRAVEL; 2'–4' GRASS; 2'–6' DIRT; VARIES 2'–6' GRAVEL; 2'–6' GRASS
- Pavement: Width and Type: 18' AC; 9' AC; 18' AC; 16' AC; 16'–24' AC
- Shoulder: Width and Type: 0; 6' GRASS; 3'; 6' GRASS; 4' AC; 6' DIRT; 4' GRASS; 2'–6' GRASS; 4'; 6'–8'; 10'; 3' GRAVEL; 4' DIRT; 0'–2' DIRT
- Median: Width and Type: (10' PAINTED ACI); CRIMILLED RUMBLE STRIP
- Median Barriers:
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 9' AC
- Shoulder: Width and Type: 1' GRASS

Number of Traffic Lanes: 2–9'; 2–8'; 2–(8'–12')

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

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

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

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

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

Illumination: Type, Location and Number: MV

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)

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 00118; B73 0550 00672

HPMS Sections – AADT 2019: 3,048; 1,100; 1,700

HPMS Sections – AADT 2018: 3,000; 1,400; 1,632

HPMS Sections – AADT 2017: 2,900; 1,111; 1,600

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits

HWY-K-0-82M (R) 1982 (0.02); RS–0550(2) RESURFACE, SAFETY & IMPROV., 1982 (3.48); 550B–01–74, (RESURF), 1974 (6.74); 550A–01–73, (R), 1973 (8.78)
HWY-K-0-70, 1970 (R) (1.25); LAND AND NATURAL RESOURCES (CONST. & MAINT. BY D.O.T.) 1963 (6.27); 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.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

ROAD INVENTORY
KAUAI RTE 550
KOKEE ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

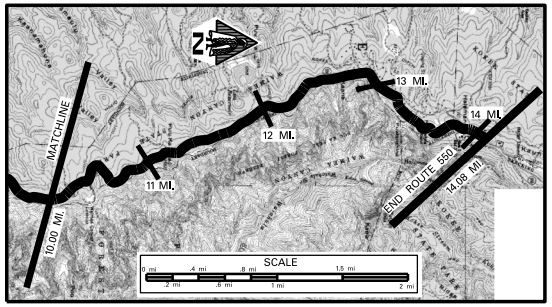
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 14.072 **miles**

a. Survey Length: 14.072 **miles**

b. Proposed Length: 0.00 **miles**

c. Other Length: 0.00 **miles**



SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Maintenance Control Sections : Length and Description
550 B (7.37 MI.)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) 8' varies
80'

Available Right of Way Width (Needs Study)
TREES – MOUNTAINS

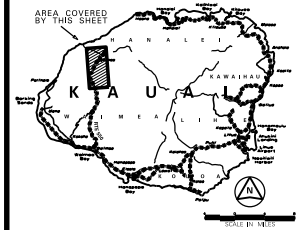
Right of Way Fence: Type – Right and Left
NONE

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

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

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

CONTINUED FROM SHEET #1 10.00 MI.

SPUR WAIMEA CANYON LOOKOUT (10.330 mi.; 10.378 mi.)
DIRT ROAD DIRT ROAD
CULVERT
KOKEE ROAD
RD. TO CAMP HALE KOA
RD. TO KOKEE METHODIST CAMP
ELEVATION 3600' PUU NINAHINA LOOKOUT
MAKAHA ROAD
11 MP
12 MP
ECB (L)
13 MP
14 MP
ROAD TO PACIFIC MISSILE RANGE FACILITY – HAWAIIAN AREA
10.883 MI.
11.073 MI.
10.964 MI.
11.314 MI.
11.963 MI.
12.832 MI.
12.961 MI.
13.102 MI.
13.632 MI.
13.621 MI.
13.957 MI.
13.867 MI.
14.072 MI.

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

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "TS VIDEOLOG & "TS FEATURES DATABASE."

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

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

VARIES 2'–8' GRASS
16'–22' AC
0'–2' DIRT | 4'–6' GRASS | VARIES 2'–6' GRASS

Number of Traffic Lanes
2–(8'–11')

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

(Right Side)
NONE

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

Sidewalk: Width and Type (Right and Left)
NONE

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

Protective Devices: Type, Location and Number ALL METAL RAILS ON METAL POSTS

Illumination: Type, Location and Number
NONE

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)

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
MOUNTAINOUS (3)

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
873 0550 00672

HPMS Sections – AADT 2019
1,700

HPMS Sections – AADT 2018
1,632

HPMS Sections – AADT 2017
1,600

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–01–13 (R) 1973 | 550 COUNTY | 550B –01–14 (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.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

ROAD INVENTORY

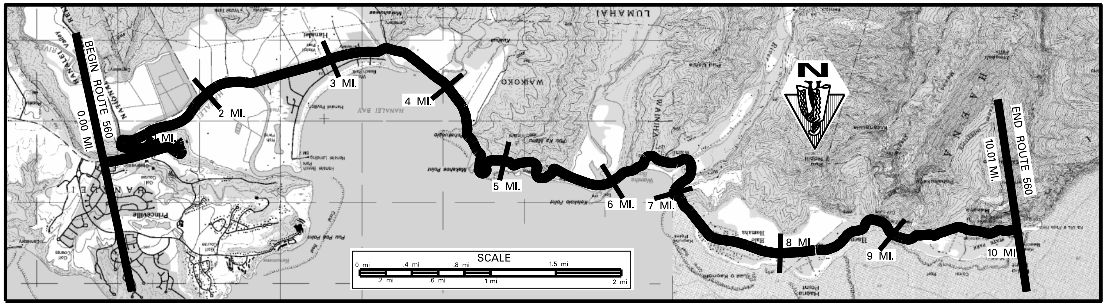
KAUAI RTE 560
KUHIO HIGHWAY

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: 10.003 miles
a. Survey Length: 10.003 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections: Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

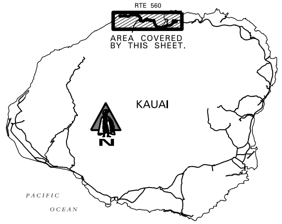
Right of Way Fence: Type – Right and Left (Footage indicates how far away from the edge of pavement the fence is.)

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP=Milepost Signage

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number — All Metal on Metal unless otherwise noted.

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)

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:

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

Speed: 1–Design, 2–Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Stations – AADT 2019

HPMS Stations – AADT 2018

HPMS Stations – AADT 2017

DOD Sections

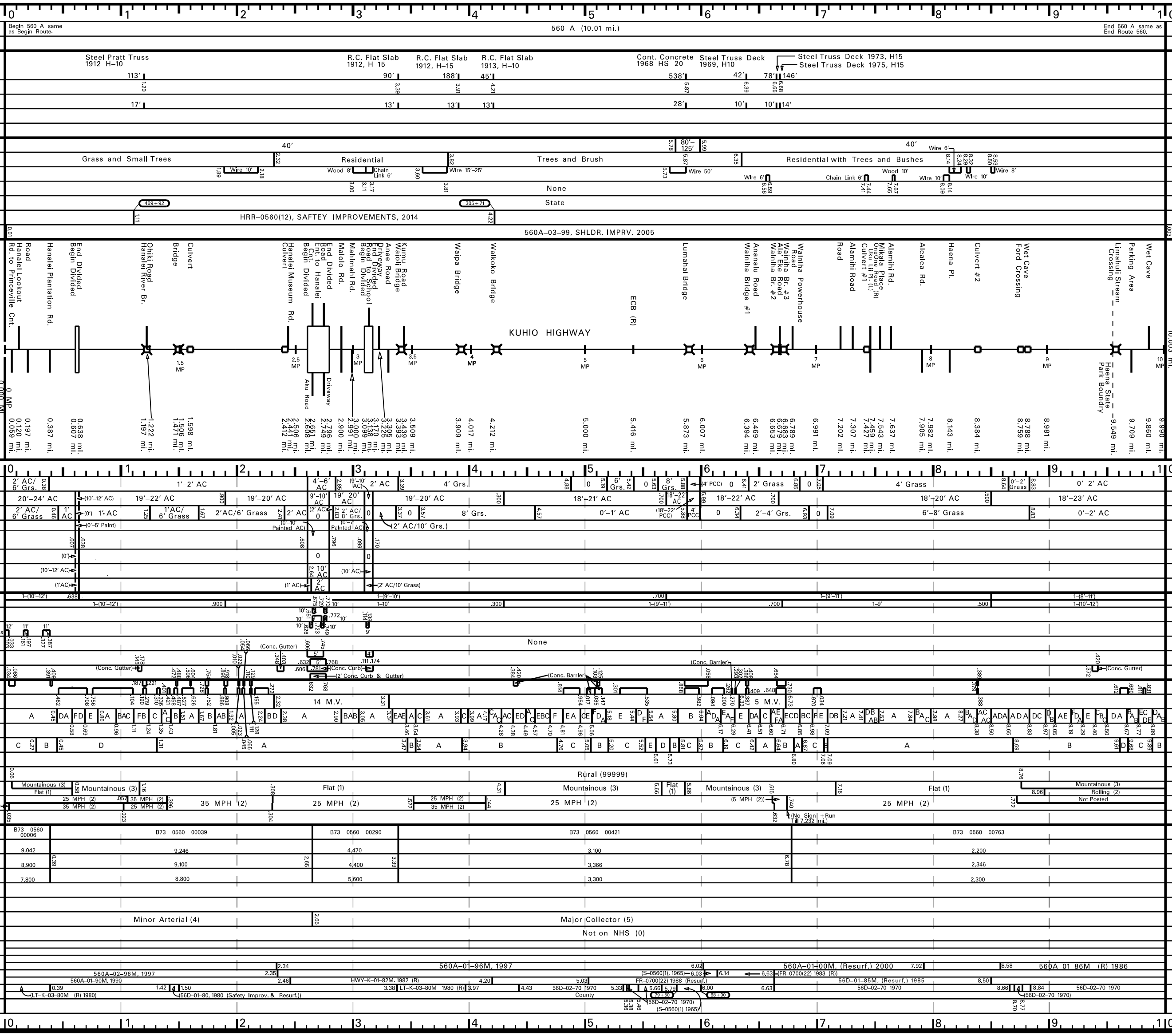
Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile



Date Released
Dec 2003, D.B.

Revised	
Jan. 06	D.B.
Sept. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

Sheet 1 of 1 KAUAI RTE 560

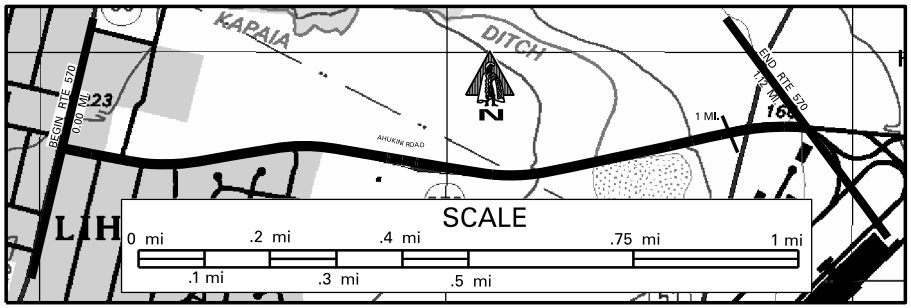
ROAD INVENTORY

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: 1.122 miles
- a. Survey Length: 1.122 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles



SCALE: (In Miles) 10" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road:
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study): RESIDENTIAL (0.00) CLEAR 1000' – SUGAR CANE

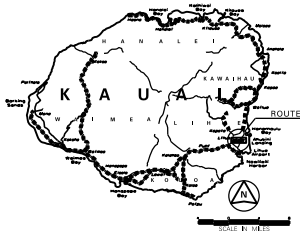
Right of Way Fence: Type – Right and Left: NONE

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (0.00 S/W) (1.122 S/W)

Project No., Type of Construction, and Year Constructed: 570A–01–11MR, RESURFACE, 2016 (0.00–1.122)

Project No., Type of Construction, and Year Constructed: HWY-4-02-08 IMPRV, 2000 (0.00); 570A–01–92M (R), 1993 (0.00–1.122); 570A–01–15M, 2017 (1.122)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP – Milepost Signage

BEGIN RTE 570 ON AHUKINI RD. AT THE S.E. EDGE OF PAVT. OF KUHIO HIGHWAY (RTE 56).

END DIVIDED (0 MP) 0.000 MI. – AKAHI ST. 0.001 MI. – ENT. TO WALMART 0.061 MI. – BEG. DIVIDED ELIA ST. 0.095 MI. – UMI ST. 0.129 MI. 0.178 MI. – END DIVIDED 0.126 MI. – TELEM. STA. 570003 0.295 MI. – PALAI ST. 0.313 MI. 0.362 MI. – DRIVEWAY TO HELICOPTER TOURS 0.505 MI. – CANE HAUL ROADS (0.5 MP) 0.522 MI. 0.555 MI. – AHUKINI ROAD – BEG. DIVIDED 0.925 MI. – KAPULE HWY (RTE 51) (1 MP) 1.001 MI. 1.065 MI.

END RTE 570 ON AHUKINI ROAD 300' FROM THE CENTERLINE INTERSECTION WITH KAPULE HIGHWAY (RTE 51) AS "END STATE HIGHWAY" SIGN. *1.122 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "IS VIDEOLOG" & "IS FEATURES" DATABASE.

END ROUTE DESCRIPTION

SCALE: (In Miles) 10" = 1 mile

Divided Highway — Undivided:
- Shoulder: Width and Type: 6' GRAVEL; 8' AC
- Pavement: Width and Type: 11' AC; 22' AC; 11' AC; 22' AC; 12' AC
- Shoulder: Width and Type: 0; 0; 6' GRAVEL; 0
- Median: Width and Type: (10'–3' PAINTED AC); 0'–12' PAINTED AC; 0'–12' PAINTED AC
- Median Barriers:

Divided Highway — Divided:
- Shoulder: Width and Type: 0; 0; 0
- Pavement: Width and Type: 11' AC; 11' AC; 12' AC
- Shoulder: Width and Type: 0; 0; 6' GRAVEL; 8' AC

Number of Traffic Lanes: 2–11'; 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' (0.032); 16' (0.064); 13' (0.097); 13' (0.133); 11' (0.167); 12' (0.172); 12' (0.917); 12' (0.958); 12' (0.992); 12' (1.022)

(Right Side): SAME AS THROUGH LANE (0.032); 11' (0.172); 12' (0.958); 12' (0.992); 12' (1.022)

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

Sidewalk: Width and Type (Right and Left): 4' CONC. (0.171)

Curb and/or Gutter: Type (Right and Left): (CONC. CURB W/ 2' CONC. GUTTER) (0.171)

Protective Devices: Type, Location and Number: NONE

Illumination: Type, Location and Number: MV

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): A; B (0.30–0.41); A

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 (0.55–1.00)

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: (Not Posted) (0.000–0.032); 35 MPH (2); NOT POSTED (0.925–0.959); 35 MPH (2); 25 MPH (2) (0.959–1.122)

Intersection Control Devices: Type, Location and Cycle Timing: 3 PHASE (0.959)

Traffic Stations (Current Year): P73 0570 000031; B73 0570 00036; B73 0570 00106)

HPMS Sections – AADT 2019: 14,700; 16,662; 10,500

HPMS Sections – AADT 2018: 14,800; 16,400; 11,000

HPMS Sections – AADT 2017: 14,200; 14,900; 9,400

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits: 570A–01–92M (R), 1993 (0.00–0.91); F–02–2(7), 1988 (0.91–1.122); S–0570 (1), 1964

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.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

ROAD INVENTORY

KAUAI RTE 580
KUAMOO ROAD

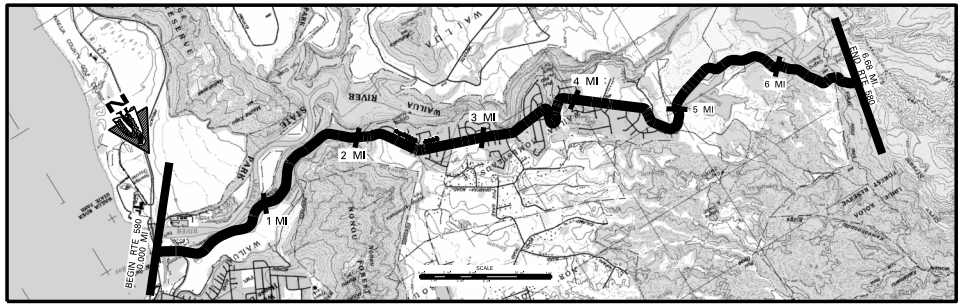
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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. 22'N.W. OF THE CENTER LINE INTERSECTION OF KUHIO HWY. (RTE 56) — 580 A (6.68 MI.) — END 580A SAME AS END RTE 580

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

Vertical Clearance: 53'

Horizontal Clearance

Structure Over Road — Vertical Clearance: 24'

Horizontal Clearance

Right of Way Width (min.–max.) If varies: VARIES 40'–46'

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

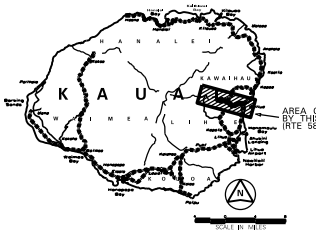
Right of Way Fence: Type – Right and Left: W.W. JEFF | WOOD | VARE ON ROAD | TERF | W.W.

Control of Access: 1–None, 2–Partial, 3–Full: (580A–01–14, SLOPE STABALIZATION, 2016)

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 80.00 | 81.00 | 80.43 | STATE | (STP–0700(58), GUARDRAILS, 2008)

Project No. and Type of Construction: HRRP–0580(4), SAFETY IMPRV., 2011 | 143.00 | 84.00 | 84.00

Year Project Constructed (STP–0700(38), 1998): 84.00 | (STP–0700(8), GUARDRAILS, 2008) | 580A–01–06M, (R) 2007 | 84.00 | 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) — 0.000 MI. — 0.107 MI.

Key points: WAILUA RIVER STATE PARK (EST.) — OHAWA ST. — WAILUA RIVER STATE PARK (WEST) — COLLEGE — WAILUA RIVER — OPAEKAA BRIDGE — POLIHALE HIEHU STATE PARK ROADS — SOUTH FORK OPAEKAA LOOKOUT — KAMAWAI PL. — KAMEALOA HANAMAULU — ECB — 1 MP — KUAMOO ROAD — 2 MP — 3 MP — 4 MP — 5 MP — PAYED ROAD — CULVERT — KUAU RIDGE TRAIL — FOREST RESERVE SIGN — END OF FIEOLOG — 6.68 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE. END RTE 580 ON KUAMOO ROAD AT THE BEG OF FORD CROSSING. *6.68 MI.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

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

Pavement: Width and Type: 21'–22' AC | 20' AC | 18' AC | 15'–16' AC

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

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes: 2 – 10' | 2 – 9'

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): NONE

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

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

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

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)

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) | (RURAL (99999))

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

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

Intersection Control Devices: Type, Location and Cycle Timing: TRAFFIC SIGNAL

Traffic Stations (Current Year): B73 0580 00000 | P73 0580 00228 | B73 0580 00319 | B73 0580 00407

HPMS Sections – AADT 2019: 10,058 | 8,800 | 3,500 | 1,700

HPMS Sections – AADT 2018: 9,900 | 8,900 | 3,672 | 1,700

HPMS Sections – AADT 2017: 9,600 | 8,700 | 3,600 | 1,700

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

Date Released
March 95

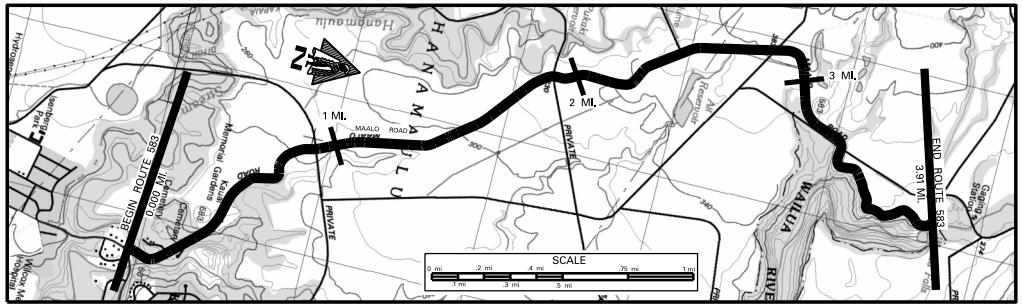
Revised	
Ed Jan	3–95
Ed Jan	6–95
JK	4–96
JK	5–97
DR	2–08
DR	3–09
DR	12–09
DR	6–10
DR	2–11
DR	2–12
EDJ	2–13
EDJ	12–13
DR	7–14
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	DR
Feb. 19	DR

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



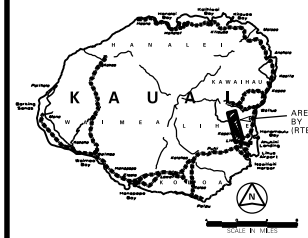
SCALE: (In Miles) 4" = 1 mile

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: STP–0583(002), GUARDRAILS AND SHOULDERS, 2015; 583A–01–01M, RESURFACE, 2005
Project No., Type of Construction, and Year Constructed: (583A–01–71, 1971) ARR–0583(1) RESURF., 2010; 583–01–95M (RESURFACE) 1996; 583A–01–07M, RESURF., 2009; 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) 0.000 mi.

BRIDGE (1927) 0.034 MI. 0.030 MI.; RD TO CEMETERY ROAD 0.165 MI.; TELEM. STA. 5583004 KAUAI MEMORIAL GARDENS ROAD 0.245 MI.; CULVERT 0.470 MI.; CULVERT 0.68 MI.; CANE HAUL RD. (R) 0.822 MI.; QUARRY ROAD (L) 0.96 MI. 0.971 MI.; ECB (L) 1.39 MI.; MAALO ROAD; CULVERT 1.82 MI.; DIRT ROAD 1.91 MI.; CANE HAUL ROAD 2.25 MI.; CANE HAUL ROAD 2.45 MI.; CANE HAUL ROAD CULVERT 2.60 MI. 2.57 MI.; PAVED ROAD 2.81 MI.; CULVERT 2.81 MI. 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.

END RTE 583 ON MAALO RD. AT THE END OF PAVEMENT. *3.91 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "IS VIDEOLOG & "IS FEATURES" DATABASE.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: GRASS 2' 0.05; 6' 0.16; 2'–4' 1.00; 6' 2.04; 0' 2.09; 4' 2.51; 8' 3.53; 4'–6' 3.92; 4' 4.01; 2' 4.04
- Pavement: Width and Type: 20' AC; 18' AC; 17'–20' AC
- Shoulder: Width and Type: GRASS 2'–4' 0.05; 6'–8' 0.96; 4'–6' 2.24; 3' 2.36; 6' 2.84; 2'–4' 3.36; 8' 3.41; 6' 4.04
- 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) 3.36 3.40 3.57
Frontage Road: No. of Lanes, and Width (Right and Left): None
Sidewalk: Width and Type (Right and Left): (STEEL RAILING ON CONCRETE WALL)
Curb and/or Gutter: Type (Right and Left): .101 .222; .666 .672 .676 .812; .141 .151 1.101 1.111; 2.010 2.020; 2.447 2.457 2.487 2.497; 3.141 3.152 3.326 3.336 3.357 3.367 3.395 3.405 3.535 3.545
Protective Devices: Type, Location and Number: ALL METAL ON METAL UNLESS OTHERWISE NOTED
Illumination: Type, Location and Number
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): E 0.00 D 0.16 A 0.51 B 0.57 D 0.69 A 0.73 E 0.78 C 0.89 B 0.93 A 0.96 B 1.03 A 1.11 B 1.15 A 1.33 C 1.45 A 1.55 B 1.65 A 1.85 C A 1.95 D 2.04 A B 2.12 D 2.22 A 2.27 D 2.34 A 2.41 C 2.54 A 2.64 D 2.74 A 2.86 C A 2.95 E 3.08 D E F E F C 3.27 3.37 3.42 3.53
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 .70 D .00 B .51 A .55 B .07 A .24 B .28 A .74 B .26 C .51 B
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: SMALL URBAN (99998) 0.00; RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: ROLLING (2)
Speed: 1–Design, 2–Posted: 25 MPH (2); NOT POSTED 2.59 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): P73 0583 00047
HPMS Sections – AADT 2019: 1,200 0.00
HPMS Sections – AADT 2018: 1,400
HPMS Sections – AADT 2017: 1,200
DOD Sections
Census Tracts
Functional Classification: MINOR COLLECTOR (6) 0.00; LOCAL (7)
National Highway System (NHS): NOT ON NHS (0)
Previous Projects: Project No., Date and Limits: 0.01 PHASE II 583A–01–71, 1971; 583–01–95M (RESURFACE) 1996 0.50; HWY–K–01–70 (PHASE III) 1970 1.39; 2.30; 583A–01–01M, RESURFACE, 2005 2.97; 583A–01–71, 1971

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04	D.B.
Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

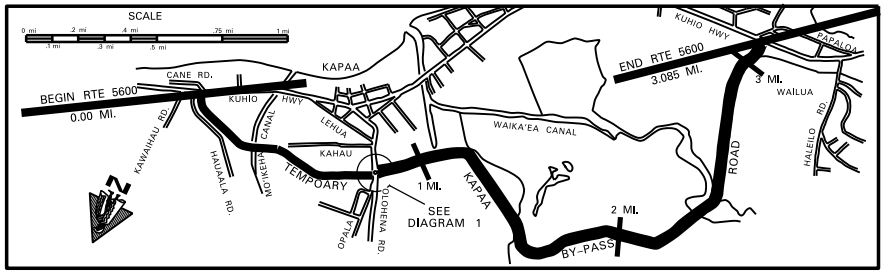
ROAD INVENTORY

KAUAI RTE 5600
TEMPORARY KAPAA BY–PASS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 3.085 miles
a. **Survey Length:** 3.085 miles
b. **Proposed Length:** 0.00 miles
c. **Other Length:** * 0.00 miles
*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: ACROW PANEL TRUSS, HL–93, 2006 — 94'

Vertical Clearance: 12'

Horizontal Clearance: 16'– 4"

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) If varies: 80' | 100' | 60' | 120' | 100' | 60' | 100' | 60'

Available Right of Way Width (Needs Study)

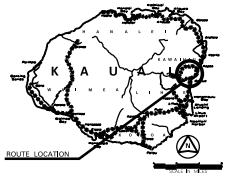
Right of Way Fence: Type – Right and Left: 6' CHAINLINK FENCE 20–30' FROM E.P. / WIRE 30–50' FROM E.P.

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

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

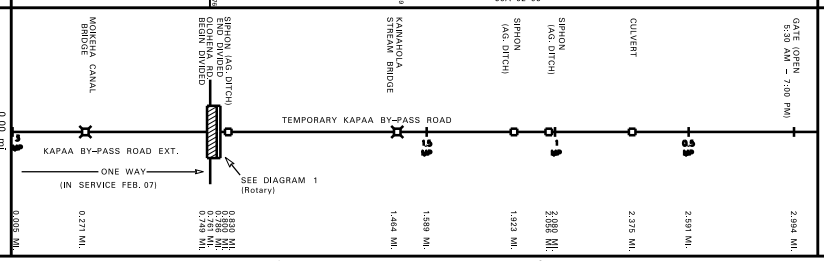
Project No., Type of Construction, and Year Constructed: 56A–03–00, NEW CONSTRUCTION, 2007 | 5600–01–10M, BRIDGE REPAIR, 2012

Project No., Type of Construction, and Year Constructed: 56A–02–95

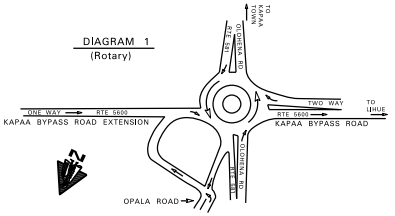


Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '17 MIDELOG & '17 FEATURES DATABASE:
END KAPAA BY–PASS ROAD AT THE NORTH E.P. OF KUHIO HWY (RTE 56).
*3.085 MI.



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

Pavement: Width and Type: 11' AC (ONE WAY (+) DIRECTION) | 22' AC

Shoulder: Width and Type: 5' AC | 2'–4' AC

Divided Highway

Median: Width and Type: (100' CONC. ROUNDABOUT)

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

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

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number — ALL METAL RAILS ON METAL POSTS

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)

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)

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) | ROLLING (2)

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

Intersection Control Devices: Type, Location and Cycle Timing

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

HPMS Sections – AADT 2011: 2,300 | (102) | 5,900 | 5,900 | 6,700

HPMS Sections – AADT 2010: 2,323 | (2,323) | 5,900 | 5,900 | 6,700

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

DOD Sections

Census Tracts

Functional Classification: LOCAL ROAD (7)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released	
May 2006	D.B.
Revised	
Sept. 06	D.B.
Dec. 07	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Feb. 18	D.B.