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 2022

N

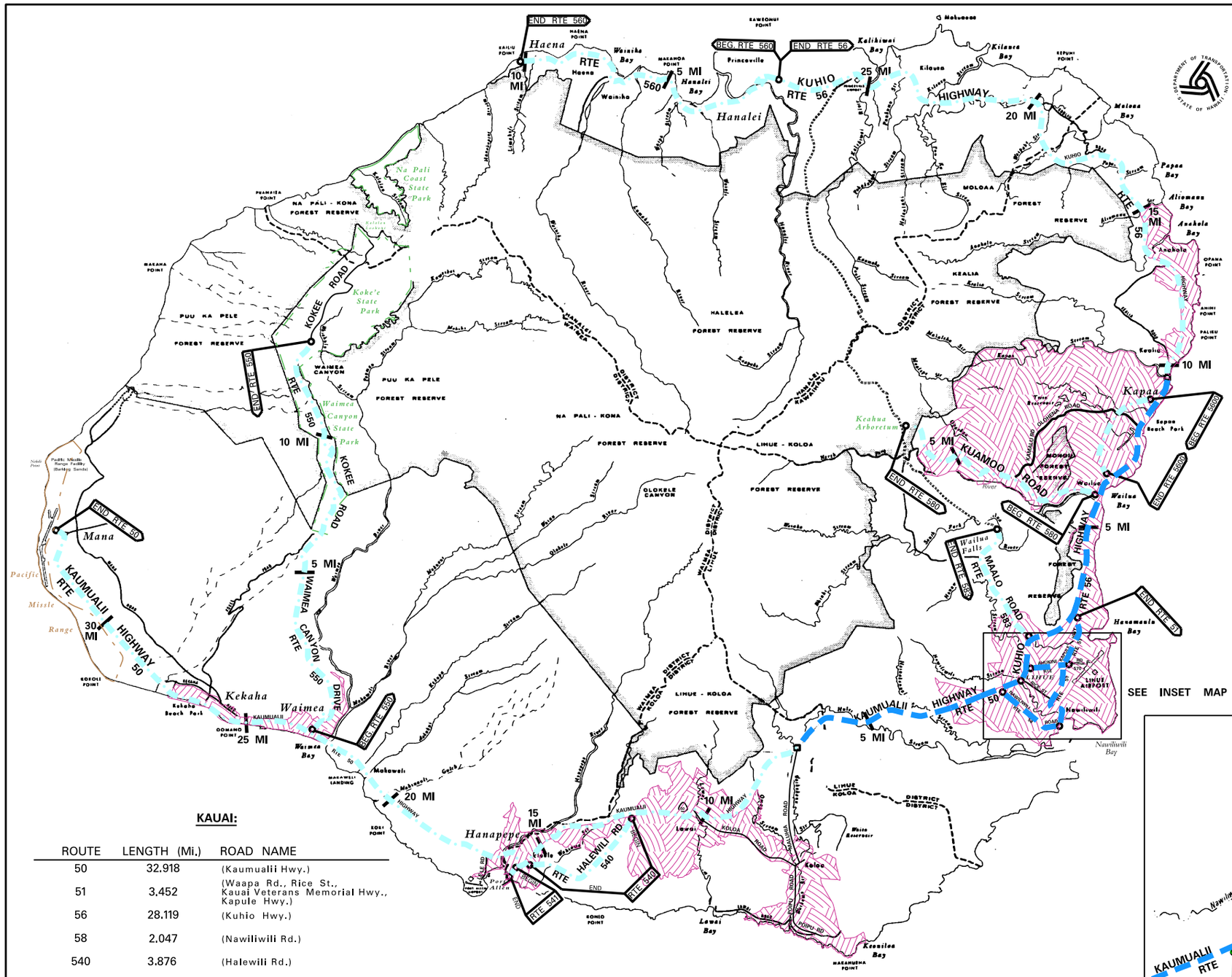
SCALE

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS

LEGEND

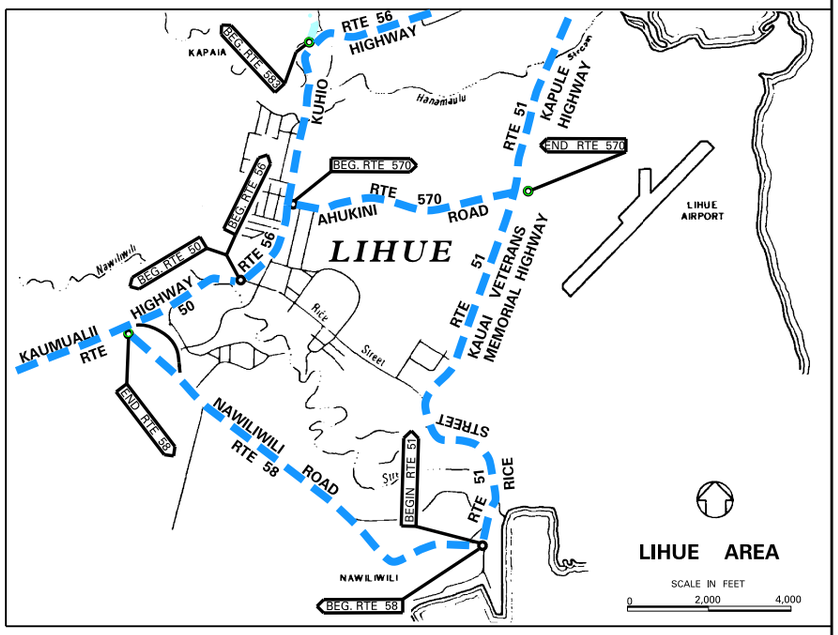
- STATE (NHS)
- STATE (Non–NHS)
- Route termini point
- NHS to non–NHS transition point
- URBAN AREA



KAUAI:

ROUTE	LENGTH (Mi.)	ROAD NAME
50	32.918	(Kaumualii Hwy.)
51	3.452	(Waapa Rd., Rice St., Kauai Veterans Memorial Hwy., Kapule Hwy.)
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
Jan. 07	DB
Feb. 11	DB
Feb. 12	DB
Feb. 13	CPJ
Dec. 13	CPJ
Dec. 14	CPJ
Jan. 16	CPJ
Jan. 17	CPJ
Feb. 18	DB
Nov. 18	DB

DISCLAIMER: This product is for informational purposes only and may not be suitable for legal, engineering, or surveying purposes. This information is provided with the understanding that conclusions drawn from such information are the responsibility of the user.
If you feel the information shown on this product is questionable, please contact the State of Hawaii, Highways Division, Planning Branch, at gishelp.hwyp@hawaii.gov or at (808) 587–1841 to report the issue.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

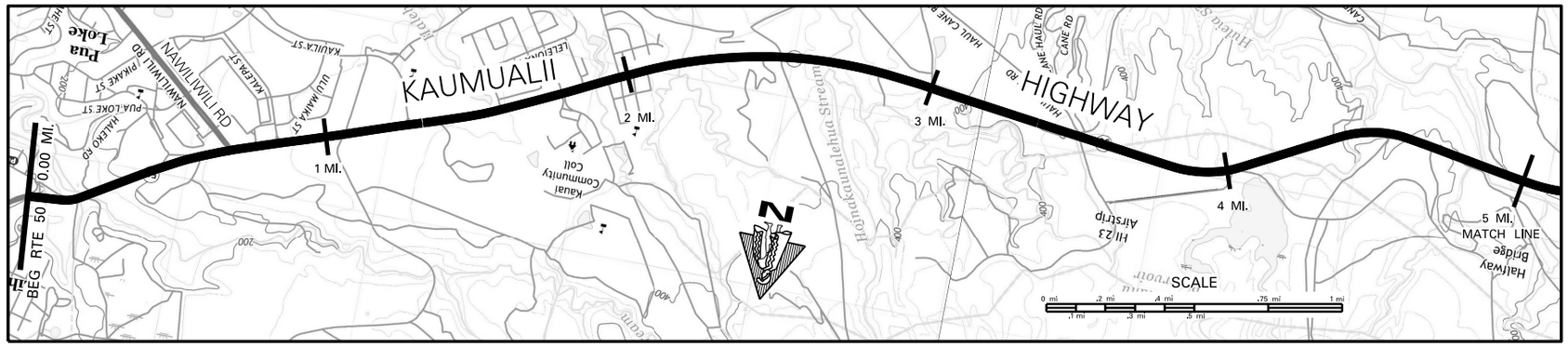
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.918	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

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

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- 359' — ? RC FLAT SLAB ON I STRG. (STR), 1936 ?
- RC TWIN BOX CULVERT (STR) 1950, H20
- PRESTRESSED CONC. GIRDER HS–20–44, 1990

Vertical Clearance: 359' / 25' / 428'

Horizontal Clearance: 37.5 / 39.5 / 40' / 52'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study): Residential + Commercial / Trees + Bushes / Sugar Cane / Residential / Sugar Cane / Trees

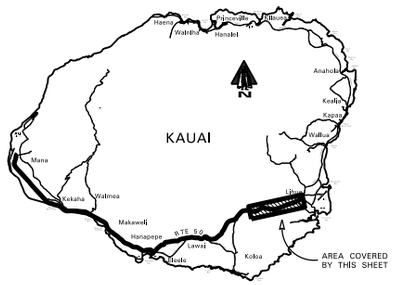
Right of Way Fence: Type – Right and Left: W/W 30' FEP

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–050–1(31) 2020 | 50D–01–10M, RESURF., 2012 | (HWY–K–03–04M, RESURF., 2008) | 50D–01–11MR, RESURFACE, 2017 | (STP–050–1(039), PREVENTIVE MAINTENANCE, 2017)

Project No., Type of Construction, and Year Constructed: (50E–01–08 Realignment 2001) | 50DE–01–05M (R) 2006 | STP–050–1(22), Guardrail & Shoulder Imprv., 2002



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM = Milepost Marker

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

Spur to Rice St. | Hoomana Rd. | Lihue Mill Br. | Uahi Road | Nawiliwili Road (Rte 58) | Kalepa Street | Hokuleli Village Lane | Nuhou Street | Nani Street Telem. Sta. 50015 | Puhi Rd L&R Driveway 1.71 mi. | Kikowaena St. | Anonui St. | Dirt Road End Divided Hwy | Rd. to Nursery | Hanakaumalehua Str. Culvert | Cane Haul Rd. | Kipu Rd. 2.966 mi. Beg Divided Hwy | End Divided Hwy | Beg Divided Hwy | Paved Rd. | End Divided Hwy Cane Haul Rd. | Gated Dirt Rd. Cane Haul Rd. | Begin Divided Hwy | Huleia Bridge (Halfway Bridge) Rd. from Quarry (R) | End Divided Hwy

KAUMUALII HIGHWAY

0.00 mi. | 0.175 mi. | 0.104 mi. | 1.752 mi. | 2.50 MPM | 3 MPM | 3.50 MPM | 4 MPM | 4.50 MPM | 5 MPM

0.086 mi. | 0.130 mi. | End Begin 0.252 mi. 0.184 mi. | 0.538 mi. | 0.652 mi. | 0.813 mi. | 1.022 mi. 0.386 mi. | 1.245 mi. | 1.543 mi. 1.51 mi. | (Kauai Community College) 1.823 mi. | 1.942 mi. | 2.040 mi. | 2.109 mi. 2.087 mi. | 2.484 mi. 2.471 mi. | 2.62 mi. | ECB 2.933 mi. 2.904 mi. | 2.979 mi. | 3.03 mi. | 3.17 mi. | 3.358 mi. | 3.500 mi. 3.470 mi. | 4.032 mi. 3.992 mi. | 4.47 mi. | 4.56 mi. | End Begin 4.895 mi. 4.777 mi. | 5.00 mi. 4.972 mi.

CONTINUED ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type (0.000–2.002 MI. 5' Bike Lane): 3'–5' PCC | 2'–13' PCC | 6'–8' AC | 4' AC | 6'–8' AC | 5' AC | 8' AC | 8' AC

Pavement: Width and Type: 22' PCC | 12' AC | 23'/24' AC | 12' AC | 23'/24' AC | 12'/13' AC

Shoulder: Width and Type: 2'–6' PCC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | CENTERLINE MILLED RUMBLE STRIP

Divided Highway — Median

Median: Width and Type (7'–18' Raised Grass) (10–19' Painted PCC): 6'–12' Raised Grass (7' Conc. Barr.) | 5'–27' Raised Grass | (3'–6' Raised Conc.) 10'–27' Raised Grass | 7'–20' Grass | (0'–16' Painted AC) | CENTERLINE MILLED RUMBLE STRIP | 0'–9' Painted AC | 0'–12' Painted AC | CENTERLINE MILLED RUMBLE STRIP | 0'–12' Painted AC

Divided Highway — Undivided

Shoulder: Width and Type: 1'–5' PCC | 0 | 0 | 0 | 0

Pavement: Width and Type: 22' PCC | 11' PCC | 11'/12' AC | 11'/12' AC | 11'/12' AC | 12' AC

Shoulder: Width and Type (0.000–2.014 MI. 5' Bike Lane): 2'–6' AC | 4' AC | (6'–8') AC | 4'–8' AC | 8' AC | 8' Conc. | 4'

Number of Traffic Lanes: 4–11' | 2–11' | 1–11'/12' | 1–12' | 1–11'/12' | 1–12'/13'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' | 12' | 12' |

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

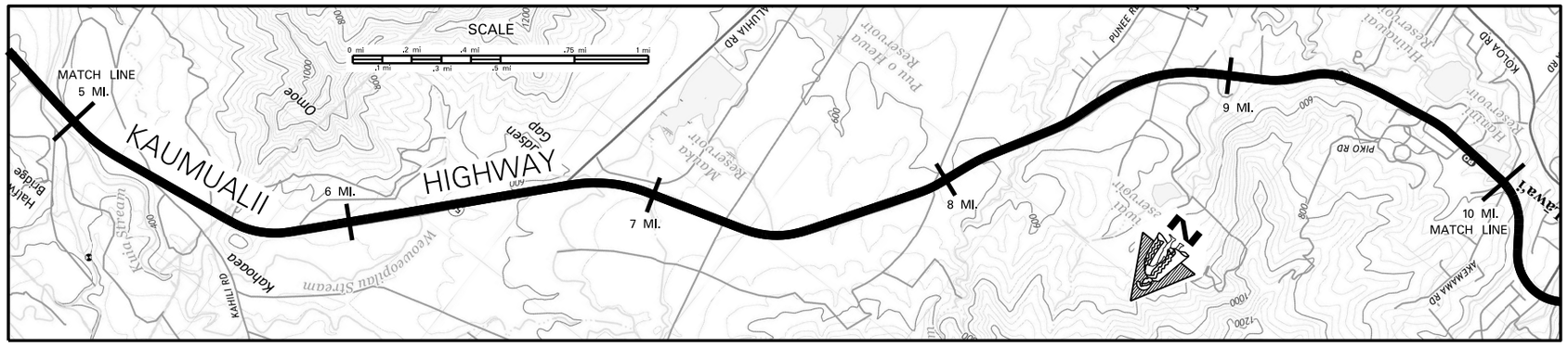
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 (–)

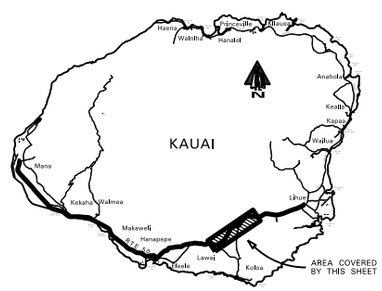
NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC FLAT SLAB, H-15 (STR) 1937; RC FLAT SLAB, H-15 (STR) 1934; CONT. CONC. TEE, H-15 (STR) 1934
	Vertical Clearance	39'; 22'; 14'0"
	Horizontal Clearance	24'; 24'; 24'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		60'; 100'; 60'; 65'; 60'; 60'; 60'; 60'; 80'; 60'; 100'; 60'; 90'; 100'; 70'; 80'; (120')
Available Right of Way Width (Needs Study)		Trees; Sugar Cane; Bushes & Trees
Right of Way Fence: Type – Right and Left		NONE
Control of Access: 1–None, 2–Partial, 3–Full		NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STATE
Project No., Type of Construction, and Year Constructed		(STP-050-1(24), GUARDRAIL/SHOULDER IMPRV., 2005); STP-050-1(039), PREVENTIVE MAINTENANCE, 2017
Project No., Type of Construction, and Year Constructed		STP-050-1(22), 2002 Guardrail & Shldr. Imprv.; STP-050-1(22), 2002 Guardrail & Shldr. Imprv.; (HWY-K-01-91M (R), 1991); STP-050-1(038), MARKINGS AND SIGNAGE, 2017



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM – Milepost Marker

CONTINUED FROM SHEET #2 — 5.00 mi.

KAUMUALII HIGHWAY

Cane Haul Rd.; Culvert; Cane Haul Rd.; Weweopilau Br.; Begin Divided Hwy; Maluhia Rd. ECB; Wailuhonu Br. #7F End Divided Hwy; Kahili Adventist Sch. & Kahili Mont. Park Rd. (L); Cane Haul Rd.; Telem. Sta. 50083 (L); Omao Br. #7C; Punee Rd.; Begin Divided; Omao Rd. Maha Rd.; End Divided Pi'iwai Pl.; Maha Rd.; Upa Rd.; Hunapo Rd. Piko Rd. R&L Road Begin Divided; Oyama Rd. 0.823 mi. End Divided; Konbigi Rd. Begin Divided; Rd. to Post Office Aulima Rd.; Akemama Road

CONTINUED ON SHEET #3 — 10 mi.

Divided Highway – Undivided	Shoulder: Width and Type	8' AC; 4' AC; 6' AC; 3' AC; 4' AC
	Pavement: Width and Type	22' AC; 11' AC; 22' AC; 12' AC; 24' AC; 12' AC; 24' AC
	Shoulder: Width and Type	(4' AC); 8' AC; 4' AC; 0; 4' AC; 0; 4' AC; 0; 4' AC
Divided Highway – Divided	Median: Width and Type	CENTERLINE MILLED RUMBLE STRIP; (0'–8' Painted AC); 6'–12' Flush Grass; (6'–0' Painted AC); 0'–11' Painted AC; 0'–8' Painted AC; CENTERLINE MILLED RUMBLE STRIP
	Shoulder: Width and Type	0; 0
	Pavement: Width and Type	11' AC; 12' AC; 12' AC
	Shoulder: Width and Type	4' AC; 8' AC; 4' AC
Number of Traffic Lanes		2–11'; 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		18'; 12' Truck Climb Lane; 13' Truck Climb Lane; Bus
(Right Side)		12' Truck Climbing Lane; Merge; 12'; Bus
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; 4' AC Gutter
Protective Devices: Type, Location and Number	ALL 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)		A; B; A; B; A; B; A; B; A; B; A; (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; A; B; C; B; C; A; C; A; C; D; B; C; D; B; (A)
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		Rural (99999); Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Rolling (2); Mountainous (3)
Speed: 1–Design, 2–Posted		50 MPH ②; 45 MPH ②; 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Stations (Current Year)		B73 0050 00478; P73 0050 00835
HPMS Stations – AADT 2021		23,600; 14,300
HPMS Stations – AADT 2020		22,700; 13,900
HPMS Stations – AADT 2019		28,400; 15,400
DOD Sections		
Census Tracts		
Functional Classification		Principal Arterial (3); Minor Arterial (4)
National Highway System (NHS)		On NHS (1); 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.; 50D-01-99M (R), 2000; STP-050-1(19), 1998; 50D-01-00M, Resurf., 2002; HWY-K-01-91M (R), 1991; (50D-01-98, Accel. Ln., 2000); (50CD-01-87M (R), 1987); 50 D-01-86 (GUARDRL., SHLDRS.) 1986; HWY-K-03-82 (GUARDRAILS & SHOULDER IMPROVEMENTS), 1983; (BR-F-050-1(7) (BRIDGE & APPROACH), 1990); (LT-K-02-79, 1980); 50 D-02-88M (R), 1988; (50 CD-01-75M, 1975); STP-050-1(11), R, 1993; HWY-K-01-76M (R), 1976; 50 CD-01-75M, 1975; 50CD-03-76, R, 1976; 50-D-03-69, 1971; D-50-01-64, 1964; K-01-72, 1972; WHP-12H, 1935–1937; (FAP 12 I, (1937)); NRH-128, 1933; 50D-01-67, 1968; 50 CD-01-70, 1974; NRH-128, 1933; 50-D-01-90M, 1990; (50D-01-67, 1968); 50CD-01-75M, 1975

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

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

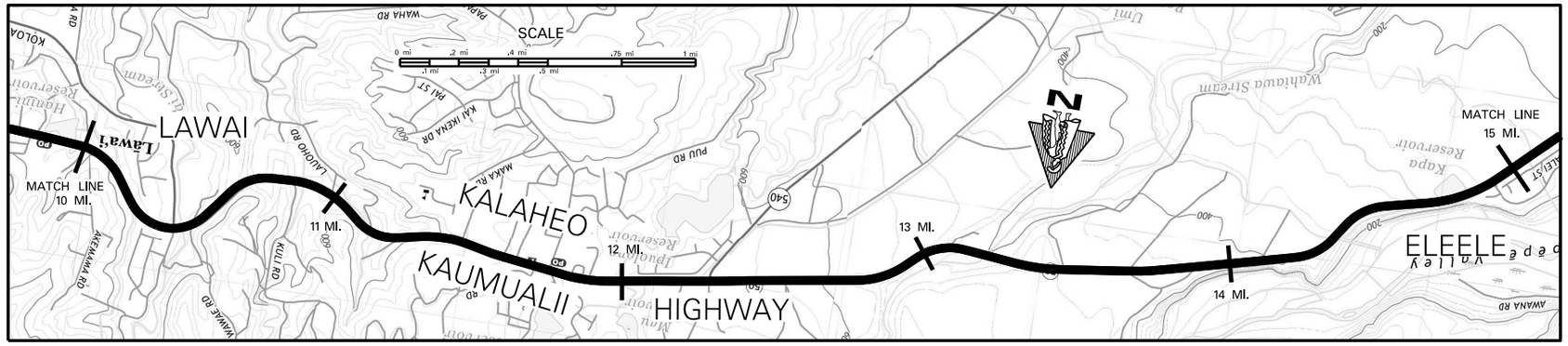
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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 KAUMUALII HWY, 100' EAST OF CENTERLINE INTERSECTION OF KOLOA RD.
- 50 C (6.65MI.)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

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

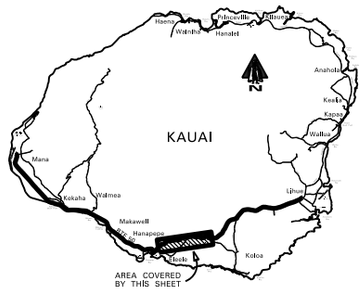
Right of Way Fence: Type – Right and Left: (Chain Link); W/W

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

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

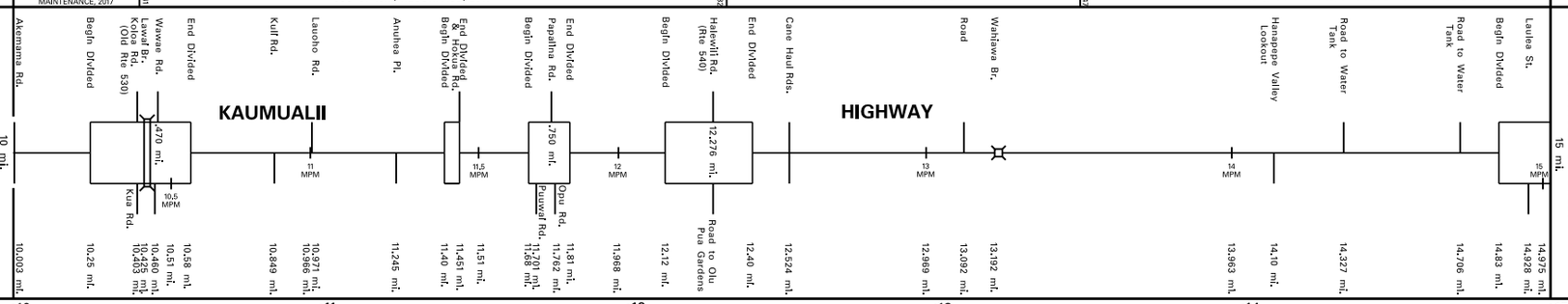
Project No., Type of Construction, and Year Constructed: 56 + 00; 94 + 75; STP-050-1(038), MARKINGS AND SIGNAGE, 2017; 85 + 41

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

* MPM = Milepost Marker



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; 12' 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

Divided
- Median: Width and Type: CENTERLINE MILLED 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
- Pavement: Width and Type: 12' AC; 12' AC; 12' AC; 12' AC
- Shoulder: Width and Type: 4' AC; 4'–5' AC; 7' 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): B A C A C A B A C A B A B A 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 D B C D B A C D A B C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

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

Intersection Control Devices: Type, Location and Cycle Timing: TRAFFIC LIGHT, 3 PHASE; TRAFFIC LIGHT, 4 PHASE

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

HPMS Sections – AADT 2021: 14,300; 18,500; 13,300

HPMS Sections – AADT 2020: 13,900; 17,700; 12,400

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

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)
- 50CD-02-00M RESURF 2002; STP-050-1(17) WIDENING 2003; 50C-01-01M 2004 RESURFACE; STP-050-1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005; 50C-02-01M (R) 2004
- STP-050-1(11) (R), 1993; 50C-01-90M (R), 1991; HWY-K-01-91M, 1991; STP-050-1(9), 1995; (WIDENING), 1996; STP-050-1(12) (GUARDRAIL & SHLDR, IMPRV.), 1995; 50C-01-00M (R), 2000; 50C-01-87M (R), 1987; 50C-01-90M (R), 1991
- STP-050-1(11), R, 1993; (50CD-01-87M (R), 1987); HWY-K-01-87 SECTION 1 (GARDRAIL & SHLD, IMPRV.), 1987; HWY-K-01-91M (R), 1991; HWY-K-01-77M (R), 1977; 50C-01-87M (R), 1987; HWY-K-01-77M (R), 1977
- 50D-01-67, 1968; 50 CD-01-75M, 1975; 50D-01-67, 1968; 50-D-02-67, 1967; 50A-01-71, 1970
- (50CD-01-75M, 1975); (50CD-01-70, 1974); NRH-12B, 1933; NRH-12C, 1935; 50 CD-01-70, 1974; NRH-12D, 1935; FAP 12J, 1938

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Dec. 09	D.B.
Sept. 10	D.B.
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

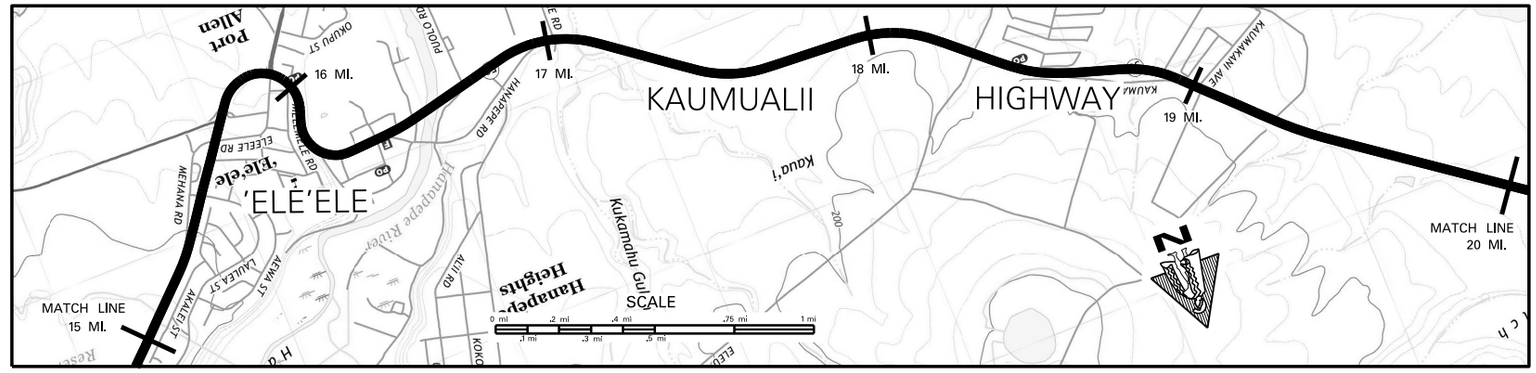
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Maintenance Control Sections : Length and Description: 50 C (6.65); END OF 50 B AND BEGIN 50 C ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH LELE RD. (17.02); 50 B (7.46 MI.)

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1939, H15 — 44' (15.26); TEE BEAM 1938, H20 — 277' (15.57)
- Vertical Clearance: 38'
- Horizontal Clearance: 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" (18.81); RC DECK GIRDER (RD), 1948 — 15'–02" (19.45)
- Horizontal Clearance: (90') (17.05); 31' (18.81); 140' (19.45)

Right of Way Width (min.–max.) if varies: 60' (15.17); 80'; 90' (16.37); 110' (16.04); 80' (16.33); 80' (17.35); 80'; 114 (18.81); 80' (18.96); 140' (19.45); 80' (19.55); 100' (19.70); 80' (19.86); 120' (19.92); 80'

Available Right of Way Width (Needs Study): Clear 1000' Sugar Cane (15.26); Commercial/Residential (w/ Sugar Cane) (16.50); Clear 1000' – Open Field (17.28); Residential (18.72); Sugar Cane (19.68); Wood (15.41); Wire on Wood (15.26)

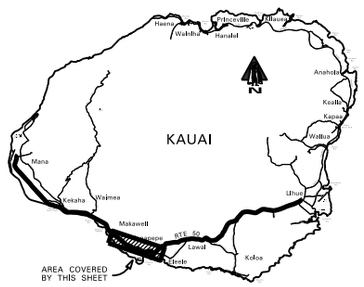
Right of Way Fence: Type – Right and Left: NONE

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

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(24), GUARDRAIL & SHLDR. IMPRV., 2005 (212+00); 50C–03–07M, REPAVEMENT, 2013 (262+50); 50C–02–15M, RESURFACE, 2018 (262+80); STP–050–1(040), PREVENTIVE MAINTENANCE, 2016



Road Diagram

* MPM = Milepost Marker

CONTINUED FROM SHEET #3 — 15 mi.

End Divided; Begin Divided (Mahea Rd.); Laulea St.; End Divided; Hatewili Rd.; Ulaula Rd.; Mehana Rd.; Eleele Rd.; Spur; Begin Divided; Eleele Rd.; Eleele Rd. End Divided (16 MPM); Pouo Rd.; Hanapepe Rd.; Pua Rd. (Rt Road(L)); Centerline Hanapepe Rd.; Hanapepe Br.; Iona Rd.; Pepe Rd.; Hana Rd.; Kona Rd. (16.50 MPM); Begin Divided; Puolo Rd.; Mol Rd.; End Divided; Lele Rd.; Kaumualii Hwy.; Begin Divided; Puolo Rd.; Culvert 16.934 mi.; End Divided (17 MPM); KAUMUALII HIGHWAY; Cane Haul Rd. (18 MPM); Cane Haul Rd.; Begin Divided; Village Rd.; Culvert; Kaumakani; End Divided; Pedestrian O.P.; Kaumakani; Sch. Rd.; Begin Divided; Paved Rd.; Kaumakani Ave.; Paved Rd.; Kaumakani Sch. Rd.; Begin Divided; (19 MPM 18.931 MI.); End Divided; Cane Haul Rds.; Road O.P.; (20 MPM)

15.07 mi. 15.40 mi. 15.473 mi. 15.583 mi. 15.598 mi. 15.642 mi. 15.703 mi. 15.769 mi. 15.84 mi. 15.993 mi. 15.998 mi. 15.928 mi. 16.289 mi. 16.258 mi. 16.231 mi. 16.412 mi. 16.454 mi. 16.482 mi. 16.541 mi. 16.573 mi. 16.708 mi. 16.73 mi. 16.801 mi. 16.931 mi. 16.949 mi. 17.025 mi. 17.06 mi. 17.937 mi. 17.95 mi. 18.328 mi. 18.45 mi. 18.536 mi. 18.54 mi. 18.60 mi. 18.628 mi. 18.746 mi. 18.918 mi. 18.931 mi. 18.945 mi. 18.973 mi. 19.033 mi. 19.12 mi. 19.259 mi. 19.267 mi. 19.510 mi. 19.959 mi.

CONTINUED ON SHEET #5 — 20 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

- Undivided — Shoulder: Width and Type: 6' AC; 8' AC; 6'–14' AC
- Undivided — Pavement: Width and Type: 12' AC; 23' AC; 12' AC; 23' AC; 12' AC; 23' AC; 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; 6' AC; 0; 6'–14' AC; 0; 6'–14' AC; 0; 6'–14' AC; 0; 6'–14' AC; 0; 6' AC
- Median: Width and Type: (0'–10' Painted AC); 0'–9' Painted AC; 0'–10' Painted AC; 0'–10' Painted AC; 4'–9' Painted AC; MILLED CENTERLINE RUMBLE STRIP; 0'–12' Painted AC; 0'–12' Painted AC; MILLED CENTERLINE RUMBLE STRIP
- Shoulder: Width and Type: 0; 0; 0; 0; 0; 0; 0
- Pavement: Width and Type: 11' AC; 11' AC; 11' AC; 11' AC; 11' AC
- Shoulder: Width and Type: 6' AC; 6' AC; 6' AC; 6' AC; 6'–14' AC; 6'–14' AC; 9' AC

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): Bus 10'; Bus 10'; Bus 10'; Bus 10'; 12' Bus; 12' Bus; 12' Bus; 12' Bus; 12'; 12'; 12'

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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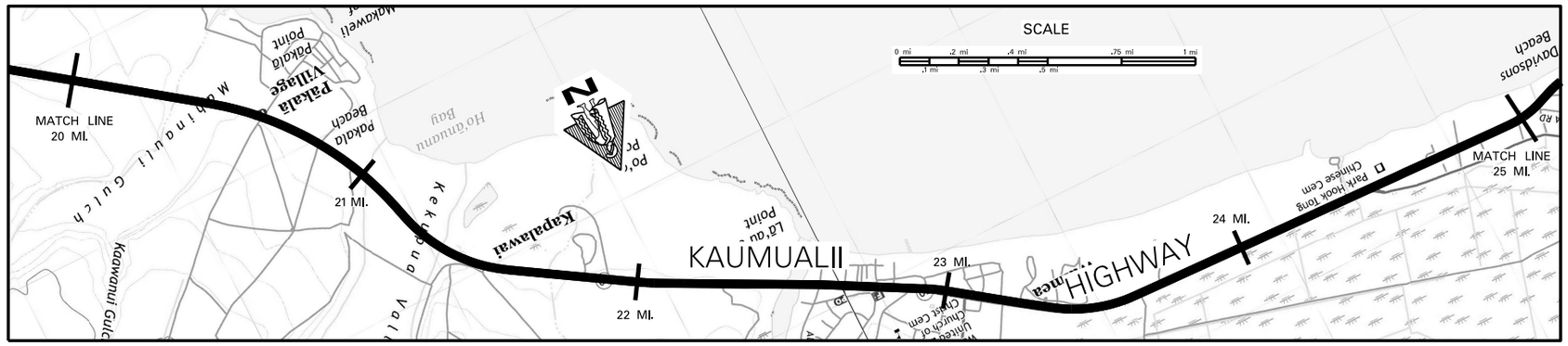
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	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: 50 B (7.46 MI.); END 50 A – BEG 50 B ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH KEKAHA RD.; 50 A (8.45 MI.)

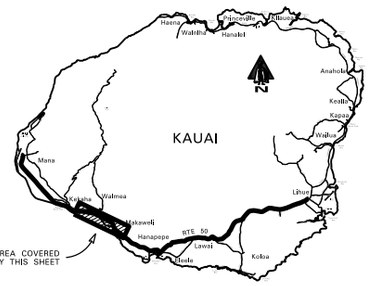
Structure Carrying Road

	20	21	22	23	24	25
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	21.47		
Horizontal Clearance	26'	26'	26'	24'		

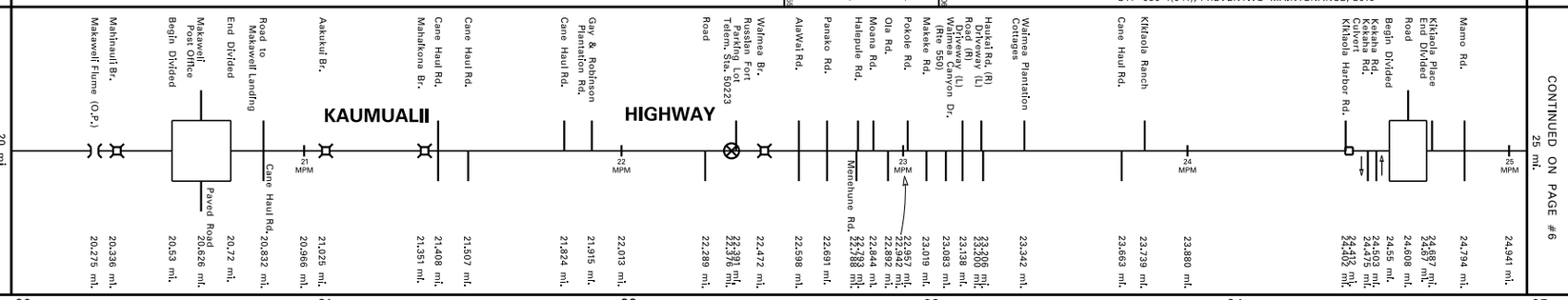
Structure Over Road

Vertical Clearance	
Horizontal Clearance	

Right of Way Width (min.–max.) if varies	80' 120' 80' 120' 100' 80' 90' 80'
Available Right of Way Width (Needs Study)	Sugar Cane; Trees + Bushes; Sugar Cane; Residential/Commercial; Residential; Ranch/Pasture (L), Sugar Cane (R); Trees & Bushes; (Residential (R) Beach (L))
Right of Way Fence: Type – Right and Left	W/W 20' W/W 20'; WW / WOOD / WW
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	STP–050–1(038), MARKINGS AND SIGNAGE, 2017
Project No., Type of Construction, and Year Constructed	STP–050–1(040), PREVENTIVE MAINTENANCE, 2016; 50B–01–15M, RESURFACE, 2017; STP–050–1(041), PREVENTIVE MAINTENANCE, 2016



Road Diagram
* MPM = Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway

	20	21	22	23	24	25
Undivided						
Shoulder: Width and Type		6'–14' AC	0	8' AC (6' AC)	4' AC	
Pavement: Width and Type	24' AC	24' AC	23' AC		22' AC	11' AC 22' AC
Shoulder: Width and Type	6' AC	6' AC	0		4' AC	0 4' AC
Divided						
Median: Width and Type	MILLED CENTERLINE RUMBLE STRIP; 0'–9' Painted AC	MILLED CENTERLINE RUMBLE STRIP		MILLED CENTERLINE RUMBLE STRIP		0'–13' Painted AC
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' 1–12' 1–11' 2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	8' Parking Lanes
(Right Side)	8' Parking Lanes; Bus
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	3' Conc.
Curb and/or Gutter: Type (Right and Left)	4' Conc.; Conc. Curb; (Conc. Curb + 2' Conc. Gutter); (Conc. Curb + 2' Conc. Gutter)
Protective Devices: Type, Location and Number	ALL GUARDRAILS METAL ON METAL
Illumination: Type, Location and Number	(1) M.V.; 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)	A; 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 A B A B C B A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999); Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2); Flat (1)
Speed: 1–Design, 2–Posted	50 MPH; 45 MPH; 35 MPH; 50 MPH; 35 MPH; 25 MPH; 35 MPH; 45 MPH; 50 MPH; 45 MPH; 35 MPH
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 2021	10,500; 9,800; 8,200; 6,300
HPMS Sections – AADT 2020	9,900; 9,900; 6,795; 6,300
HPMS Sections – AADT 2019	11,800; 11,887; 9,246; 6,909
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; 50B–01–06M, REHABILITATION, 2014; STP–050–1(25), GUARDRAIL/SHOULDER IMPR., 2005; (HWY–K–02–88 (IMPRV.) 2000); STP–050–1(18), 1997; STP–050–1(12) (GUARDRL. & SHLDR. IMPRV.), 1995; STP–050–1(12) (GUARDRAIL & SHLDR.IMPRV.), 1995; 50B–01–00M, Resurf., 2003; 50B–01–67, 1967; (F–050–1(1), 1957); 50B–02–93M (FOG SEALING), 1994; STP–050–1(10) (R), 1993; BD 66–341 (R) 1967; BD 66–341 (R), 1967; (HES–050–1(8) (SHLDR.& GUARDRAIL IMPRV.), 1998); 50B–01–92M (R), 1992; STP–050–1(13) (R), 1995; 50B–01–86M (R), 1986; HW–K–01–78M (R), 1978; L1–K–03–80M (R), 1980; FAP–F29(4), 1946; FAP 29 A(1), 1938; FAP 29 D(1), 1940; FAP 29D (1), 1941; DAWR 1, 1942 – 1944

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

Revised	
Feb. 04	D.B.
July 04	D.B.
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
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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
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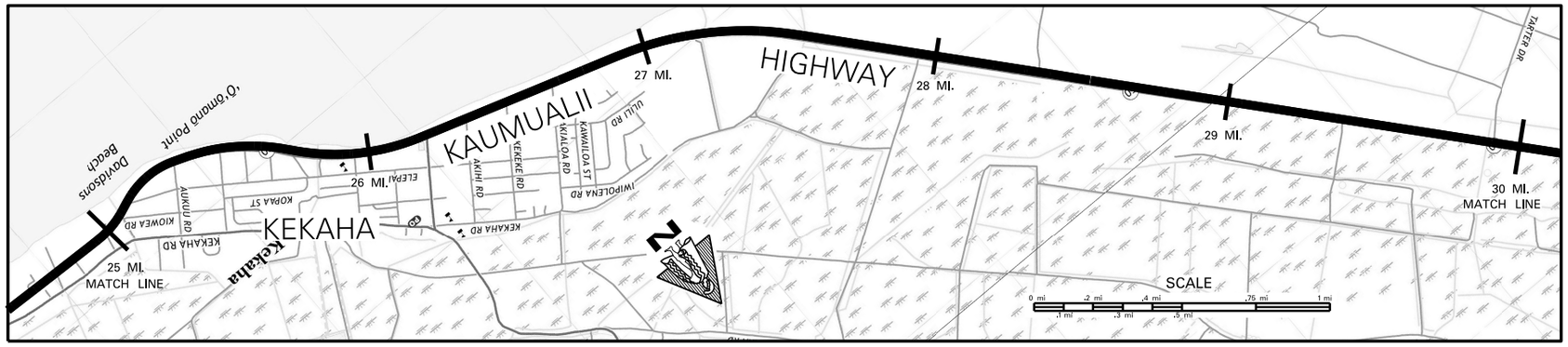
FEDERAL HIGHWAY ADMINISTRATION

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

25 26 27 28 29 30

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

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed — RC CONT. FLAT SLAB (CNL) HS–20, 1957 (68', 27.22); RC FLAT SLAB (CNL) 1957 (33', 13.57)

Vertical Clearance — 27.22; 13.57

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.)

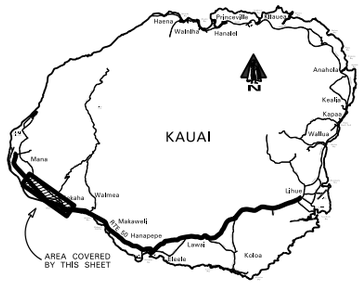
Right of Way Fence: Type – Right and Left — Wood 25' FEP; WW 50' FEP; WW 50' FEP; WW 75' FEP

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

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

Project No., Type of Construction, and Year Constructed — 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
* MPM = Milepost Marker

CONTINUED FROM SHEET #5

25 mi. — KAUMUALII HIGHWAY — 30 mi.

Akapa Rd. (25.009 mi.); Elepaio Rd. / Manu Rd. (25.124 mi. / 25.138 mi.); Aukuu Rd. (25.356 mi.); Puao Rd. (25.514 mi.); Nene Rd. (25.599 mi.); Moho Rd. (25.683 mi.); Iwa Rd. (25.763 mi.); Kala Rd. (25.971 mi. / 25.940 mi.); Alae Rd. (26.228 mi.); Amakihi Rd. (26.372 mi.); Akekeke Rd. (26.520 mi.); Akialoa Rd. (26.688 mi.); Bridge #4 (26.948 mi.); Bridge #3 Road (27.217 mi.); Cane Haul Rd. (27.570 mi. / 27.562 mi.); Begin Divided (27.881 mi.); Cane Haul Rd. (27.963 mi.); Road (28.03 mi.); Begin Divided Dirt Roads (28.242 mi.); End Divided (28.376 mi.); Kekaha Landfill (28.695 mi.); End Divided (28.945 mi. / 28.92 mi.); ECB (1) Road (29.283 mi.); Cane Haul Rd. (29.34 mi.); Tartar Dr. (29.419 mi.); (29.937 mi. / 29.936 mi.)

CONTINUED ON SHEET #7

SCALE: (In Miles) 4" = 1 mile

25 26 27 28 29 30

Divided Highway — Undivided

Shoulder: Width and Type — 4' AC; 20' AC; (4' AC); 5' AC; (34' 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; 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' L; 11' L 11'

(Right Side) — 10'; 11' R; 13' R 13' R

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

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

Curb and/or Gutter: Type (Right and Left) — None

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

Illumination: Type, Location and Number — M.V.; (M.V.); M.V.

Curves 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 02568; B73 0050 02668; (B73 0050 02993)

HPMS Sections – AADT 2021 — 6,300; 3,700; (990)

HPMS Sections – AADT 2020 — 6,300; 3,500; (950)

HPMS Sections – AADT 2019 — 6,909; 4,369; (1,321)

DOD Sections

Census Tracts

Functional Classification — Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits — (F–050–1(1), 1957); (BD 66–341 (R), 1967); ER–10(2) (STORM DAMAGE RECONSTRUCTION), 1984; ER–11(2), 1997; (F–050–1(1), 1957); STP–050–1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005; 50E–03–68 (R), 1968; HWY–K–01–82M (R), 1968; STP–050–1(12) (GUARDRL. & SHLDR. IMPRV.), 1995; STP–050–1(13) (R), 1995; 50A–01–89M (R), 1990; BD 66–341 (R), 1967; LT–K–03–80M (R), 1980; 50E–03–68 (R), 1968; 50 E–03–68 (R), 1968; DAWR 1, 1942 – 1944; DAWR 1, 1942 – 1944

SCALE: (In Miles) 4" = 1 mile

25 26 27 28 29 30

Date Released
Nov. 2001

Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
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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

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FEDERAL HIGHWAY ADMINISTRATION

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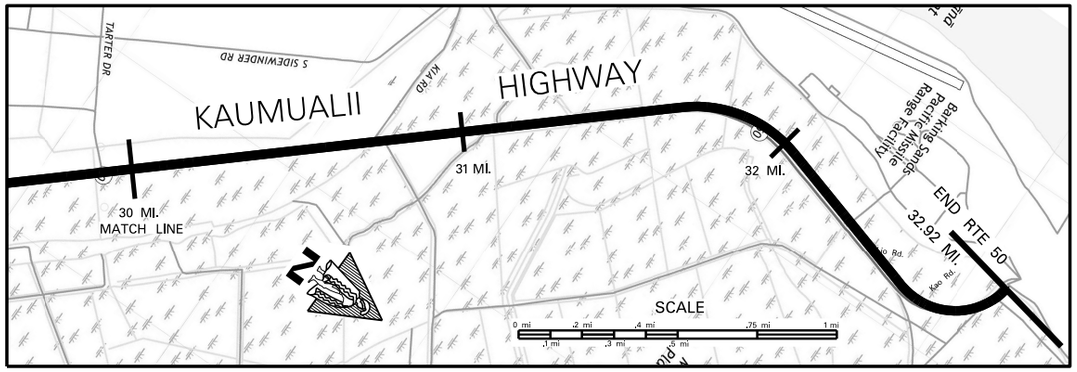
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

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) — 41' (31.57) — RC FLAT SLAB (CNL) HS–20, 1957

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.)

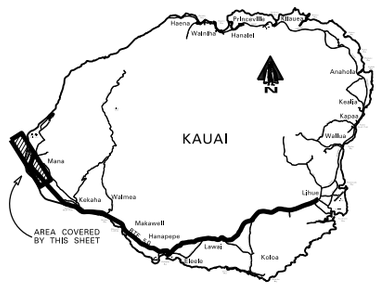
Right of Way Fence: Type – Right and Left — NONE

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 — STP–050–1(038), MARKINGS AND SIGNAGE, 2017 (533+00)

Project No., Type of Construction, and Year Constructed — STP–050–1(041), PREVENTIVE MAINENANCE, 2016 (30.46) — STP–050–1(25), (GUARDRL. & SHLDR. (MPRV.), 2005 (31.00) — 50A–01–02M 2004 RESURFACE



Road Diagram
* MPM = Milepost Marker

CONTINUED FROM SHEET #6

30 mi.

Cane Haul Rd. — Kia Rd. — Bridge #2 — Bridge #1 — Imloa Rd. — ECB (1) — Hwy Spur — Kao Rd.

KAUMUALII HIGHWAY → LIO RD. → KAO RD.

31 MPM — 32 MPM — 32.97 MPM — *32.918 mi.

30.747 mi. — 30.795 mi. — 30.946 mi. — 31.142 mi. — 31.570 mi. — 31.990 mi. — 32.323 mi. — 32.428 mi. — 32.571 mi. — 32.818 mi. — 32.868 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "IS VIDEOLOG & "IS 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 — .57 — 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' — .57 — 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 — .179 .141 — .896 .583 — .536 .511

Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL — .109 .089 — .581 .549 — .555 .506

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 — .47 .42 — B — .70 .66 — 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) — 32.27 — 32.42 — 35 MPH (2)

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

Traffic Stations (Current Year) — B73 0050 02993 — 30.74 — B73 0050 03232

HPMS Sections – AADT 2021 — 990 — 290

HPMS Sections – AADT 2020 — 950 — 240

HPMS Sections – AADT 2019 — 1,321 — 528

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 — 31.60
STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 — 30.94 — 50A–01–02M 2004 RESURFACE
STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995
30.84 — 50A–01–89M (R), 1990
31.07 (31.18) (F–050–1(1), 1957) — 31.61 (31.62) — 50A–02–70 (R), 1970 — (F–050–1(1), 1957) — 32.04 (32.31)
DAWR 1, 1942 — 1944

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Date Released
Nov. 2001

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

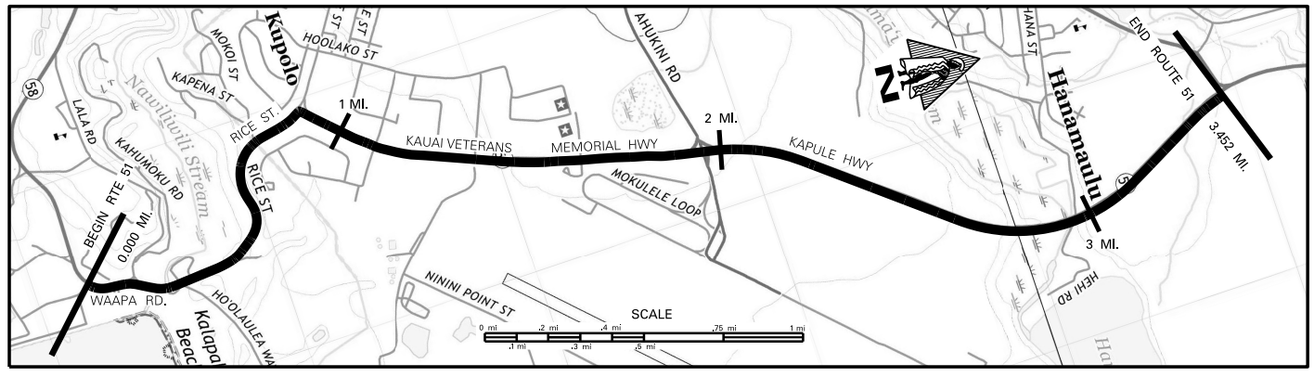
ROAD INVENTORY
KAUAI RTE 51
WAAPA RD., RICE ST., KAUAI VETERANS MEMORIAL HWY., KAPULE HWY

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

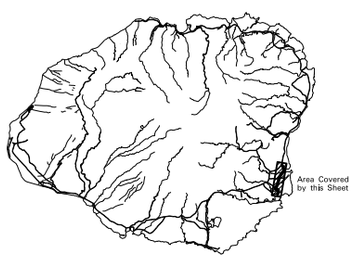
Begin 51A Same as Begin Rte 51 — 51A (0.91 MI.) — End 51A on Rice St. 830' N.W. of Mokoi St. Center Line. (0.91) — 51B (1.04 MI.) (1.95)

Structure Carrying Road

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

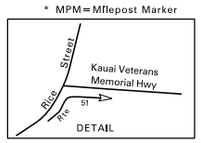
Structure Over Road

Right of Way Width (min.–max.) if varies	80' (0.11), 50' (0.36), 60' (0.77), 70' (1.00), 0.65, 60' (0.77), 50', 100' (1.88), 160' (2.27), 150'–155' (2.49), 180' (2.86), 190' (2.73), 120'–165' (2.81), 205'–285' (2.86), 120'–195' (2.91), 180'–210' (3.02), 3.15, 150'–165'
Available Right of Way Width (Needs Study)	Res./Comm. (0.69), Trees & Bushes (0.93), Res./Comm. (1.77)
Right of Way Fence: Type – Right and Left	Wire (2.28), (2.52)
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State (6 + 85), (56 + 29)
Project No., Type of Construction, and Year Constructed	NH–051–1(10), R, 2002 (0.80); 51B–01–17M, 2019, PAVE. REPAIR (1.95); (66 + 00); (134 + 35)
Project No., Type of Construction, and Year Constructed	STP–0700(38), 1998 (0.43); (0.74); STP–051–1(19), Improv., 2000 (1.01); (1.20); DP–F–051–1(3), 1975 (1.74); (1.77); STP–051–1(20), Improv., 2000 (2.13); NH–051–1(011), RESURFACE, 2014 (3.43)



Road Diagram

* MPM = Mllepost Marker



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

0.000 mi. — Waapa Rd. — Rice St. — Kauai Veterans Memorial Hwy — Kapule Hwy

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

Milepost	Feature
0.000	End Divided
0.098	Begin Divided
0.121	Laila Rd. (L)
0.184	Driveway (R)
0.202	Nawiliwili Br.
0.248	Nawiliwili Br.
0.329	Kalapaki Rd.
0.374	Begin Divided
0.763	End Divided & Rd. to Kauai Marriott Hotel
0.780	Transit Sta. 51007 Mokoi St.
0.810	Begin Divided
0.879	End Divided Rice St.
0.914	Begin Divided
1.01	1 MPM
1.099	Halau St.
1.20	End Divided
1.361	Nininl Point St. (R) Road to Vidrina Stadium (L)
1.460	Kauai Vet. Center
1.51	Begin Divided
1.635	Kaana St.
1.764	Cane Haul Rd.
1.970	2 MPM
1.992	Ahukini Rd. (Rte 570)
2.218	End Divided
2.288	Cane Haul Rd.
2.471	2.5 MPM
2.787	Hanamaulu Viaduct
3.037	3 MPM
3.086	
3.235	Begin Divided
3.235	3.49 MPM

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	8' AC; 4'–6' Grs.; 4'–6' AC; 2' AC/ 4' Grass; 10' AC; 10' PCC; 8' PCC; 8' AC; 8' UTW; 5' Bike Lane; 8' PCC; 8' UTW; (8' AC)
Pavement: Width and Type	(23'/24' AC); (11'/12' AC); 23'/24' AC; (11'–12' AC); 23'/24' AC; 11'/12' AC; 23'/24' AC; 11' AC; 11' PCC; 22' PCC; 11' PCC; 11' AC; 12' AC; (12' UTW); 24' UTW; 24' PCC; 24' UTW; 12' UTW; (12' AC)
Shoulder: Width and Type	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'–13' Paint); 0'–9' Paint; (0'–11' Paint); (0'–10' Painted AC); 0'–11' Painted; 0'–11' Painted PCC; 0'–18' Painted AC; 0'–27' Painted AC; (0'–18' Painted UTW); 0'–8' Painted UTW; (0'–8' Painted AC)
Median Barriers:	AC PCC
Shoulder: Width and Type	0; 0; 0; 0; 0; 0
Pavement: Width and Type	12' AC; 12' AC; 12' AC; 12' AC; 11' AC; 11' PCC; 11' PCC; 11' AC; 12' AC; (12' UTW); 12' UTW; (12' AC)
Shoulder: Width and Type	8' AC; 8'–10' AC; (4'–8' AC); 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	1–11'/12'; 1–12'; 1–11'; 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	10'; 12'; 12' Truck Climb Lane; 11' AUX LANE
(Right Side)	12'; 12'
Frontage Road: No. of Lanes, and Width (Right and Left)	(6' Conc.); None
Sidewalk: Width and Type (Right and Left)	6' Conc.
Curb and/or Gutter: Type (Right and Left)	BP Curb; (Conc. Curb); Conc. Gutter; (Curb); (Conc. Curb); AC Curb; Conc. Curb; 8' Conc. Gutter; Conc. Curb; (8' Conc. Gutter); (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.; 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; 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 (99998)
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 (–I side); 50 MPH (2); (Not Posted); 35 MPH(2)
Intersection Control Devices: Type, Location and Cycle Timing	Stop Sign; 4 Phase; Traffic Light; 4 Phase; 2 Phase
Traffic Stations (Current Year)	P73 0051 00079; B73 0051 00137; B73 0051 00196
HPMS Sections – AADT 2021	11,900; 15,000; 20,200
HPMS Sections – AADT 2020	11,100; 13,300; 20,100
HPMS Sections – AADT 2019	14,300; 14,800; 22,900
DOD Sections	
Census Tracts	
Functional Classification	Principal Arterial (3)
National Highway System (NHS)	On NHS (1)
Previous Projects: Project No., Date and Limits	(50E–05–69, 1969, Resurf, & Truck Climb); 51B–01–92M, (R) 1993; (570A–01–15M, 2017); 51B–01–00M, 2001, Improv.; (STP–058—1(2), Realign, 1993); 51A–01–88M, (R) 1988; DP–F–051–1(3), 1975; F–051(7), 1988; F–015–1(7), 1988; County; FAP E–12–A, 1932; 50E–05–69, 1969; DP–F–051–1(3), 1974; F–051–1(8), 1988; F–051–1(7), 1988; (FAP–E–12–A, 1932)

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

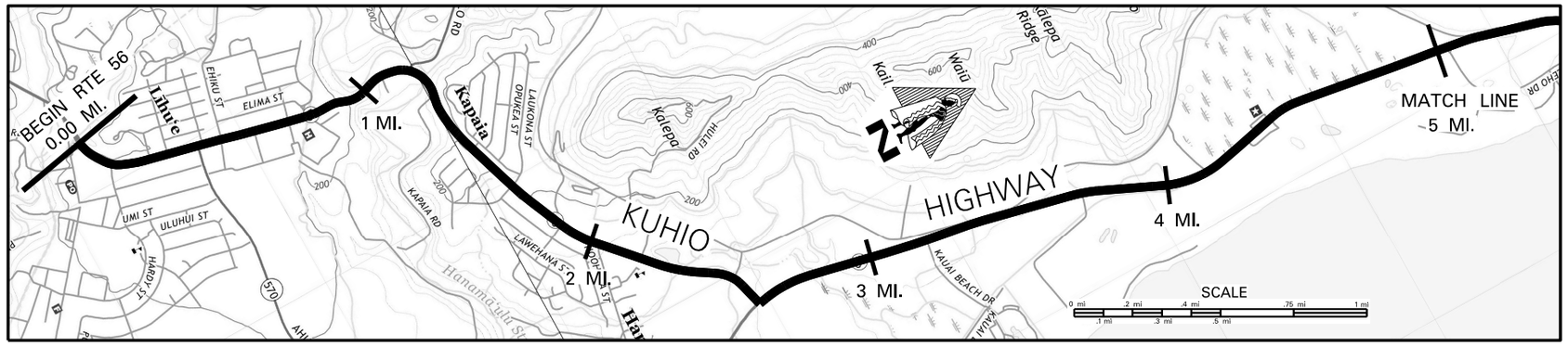
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 _____

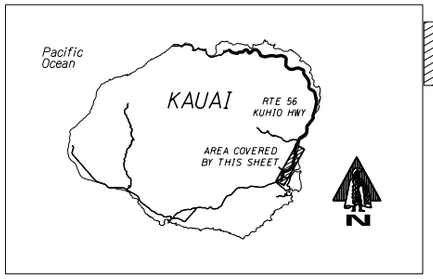


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description — Begin 56A on Kuhio Hwy at the Centerline Intersection with Kaumualii Hwy and Rice St. — 56A (9.86 MI.)

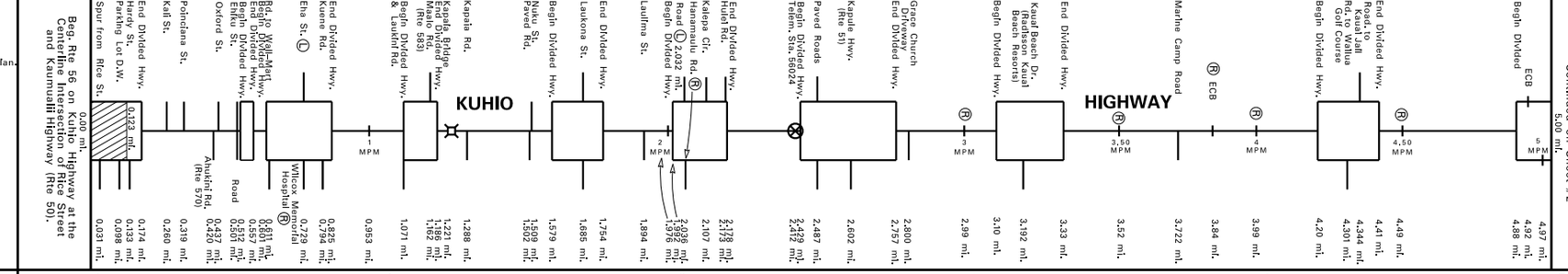
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed — Tee Beam (STR) 1933 H15
Vertical Clearance — 157'
Horizontal Clearance — 27'
Structure Over Road: Vertical Clearance
Horizontal Clearance

Right of Way Width (min.–max.) if varies — 85' 50' 70' 80' 60' 120' 80' 65' 70' 60' 100'
Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't) — Commercial / Residential — Clear 1000' – Sugar Cane 20' FEP
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't) — Chain Link 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 — (50E–01–88, 2001 (REALIGNMENT)) 56A–01–00M 2004 RESURFACE; 56A–01–04M, RESURF., 2005; NH–056–1(058), RESURFACE, 2019
Project No., Type of Construction, and Year Constructed — 56A–01–90M (R) 1991; HSIP–056–1(54) INTER. IMPRV. 2014; HSIP–056–1(53), 2012, SAFETY IMPROVEMENTS



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided:
Shoulder: Width and Type — 2'–8' AC; 0'; 2' AC; 2'–5' AC; 4' AC; 6'–10' AC; 4' AC; 6'–8' AC; 40' AC; 6' AC
Pavement: Width and Type — 24' AC; 40' AC; 20' AC; 30' AC; 22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 12' AC; 10' AC; 30'/33' AC; 10'/11' AC; 30'/33' AC; 10'/11' AC; 30'/33' AC; 10'/11' AC
Shoulder: Width and Type — 0'; 0'; 0'; 0'; 4' AC; 0'; 2'–4' AC; 4' AC; 0'; 7' AC; 0'; 4' AC; 0'; (8' AC); 6' AC; 0'; 6' AC; 0'; 6' AC
Median: Width and Type — 6' Raised Conc.; 0'–13' Painted AC; (0'–10' Painted AC); 0'–13' Painted AC; 0'–11' Painted AC; 0'–12' Painted AC; 0'–10' Painted AC; (8'–10' AC); 0'–6' Painted AC; Milled C/L Rumble Strip; 0'–11' Painted AC; 0'–11' Painted AC; 0'–11' Painted AC
Shoulder: Width and Type — 0'; 0'; 0'; 0'; 0'; 0'; 0'; 0'
Pavement: Width and Type — 24' AC; 40' AC; 10' AC; 11' AC; 11' AC; 11' AC; 12' AC; 20'/21' AC; 20'/22' AC; 20'/22' AC; 20'/22' AC
Shoulder: Width and Type — 0'; 0'; 0'; 4' AC; (2–4' AC); 4' AC; (7' AC); (7' AC); 8' AC; 6' AC; 6' AC; 6' AC

Number of Traffic Lanes — 4–12'; 4–10'; 2–10'; 1–10'; 2–11'; 1–12'; 1–10'/11'; 2–10'/11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side) — 11' Truck Climbing Lane (R); None
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left) — 6' Conc.; 4' Conc.; 4'–6' Conc.; 4' AC; 6' Conc.
Curb and/or Gutter: Type (Right and Left) — Conc. Curb; Conc. Curb & Gutter; AC Curb; Type 2 Conc. Gutters; (Conc. Curb)
Protective Devices: Type, Location and Number — All Metal Rail on Metal Post
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)
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 — Contra-Flow 5:53–8:30 AM — Traffic Flow
Area and Development: — Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous — Mountainous (3); Rolling (2); Flat (1)
Speed: 1–Design, 2–Posted — 25 MPH Not Posted; 25 MPH (2); 35 MPH; 40 MPH; 25 MPH; 35 MPH; 40 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing — 3 Phase; 3 Phase; 2 Phase; 3 Phase; 3 Phase; 2 Phase
Traffic Stations (Current Year) — B73 0056 00003; B73 0056 00049; B73 0056 00150; P73 0056 00240; B73 0056 00260
HPMS Sections – AADT 2021 — 24,139; 18,918; 18,300; 13,300; 26,365
HPMS Sections – AADT 2020 — 22,898; 17,945; 16,300; 12,500; 25,010
HPMS Sections – AADT 2019 — 28,200; 22,100; 18,600; 15,600; 30,800
DOD Sections
Functional Classification — Principal Arterial (3)
National Highway System (NHS) — On NHS (1)
Previous Projects: Project No., Date and Limits — STP–0700(58), GUARDRAILS, 2008; (HWY–K–03–00, Improvements, 2003); STP–056–(41) (R) 1999; STP–056–1(40) 1997; 56A–01–90M (R) 1991; 56A–01–89M (R) 1989; 56A–01–93M (R) 1994; 56A–02–72, 1976; 56A–01–75M (R); 56A–01–77M (R) 1975; 56A–02–67, 1967; HWY–K–01–82M (R) 1982; 56A–02–88 1988; 56A–01–85, (IMPRV.) 1987; 56A–02–72, 1976; 56A–01–75M, 1975; RSG–0570(2) 1981; 56A–01–75M (R) 1975; HWY–K–01–81M (R) 1981; 56A–06–70, U II 1976; 56A–02–72, 1976; A–59–01–64, 1965 (B); HWY–K–01–78M (R) 1978; F–051–1(7) 1988; HWY–K–01–78M (R) 1978; 56A–01–72, 1976; HWY–K–01–78M, 1978 (R); 56A–01–80, 1981 (IMPRV.); A–56–02–64 1968; (Lihue Plantation); County; F–12(18) 1950; 56A–02–67, Ph. II 1968; F–12(18) 1950; (A–56–01–64, (R) 1965); F–12(18) 1950; (F–12(18), 1950); (LT–K–02–79 (SHLDR, & GUARDRAIL (IMPRV.) 1980)

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

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

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

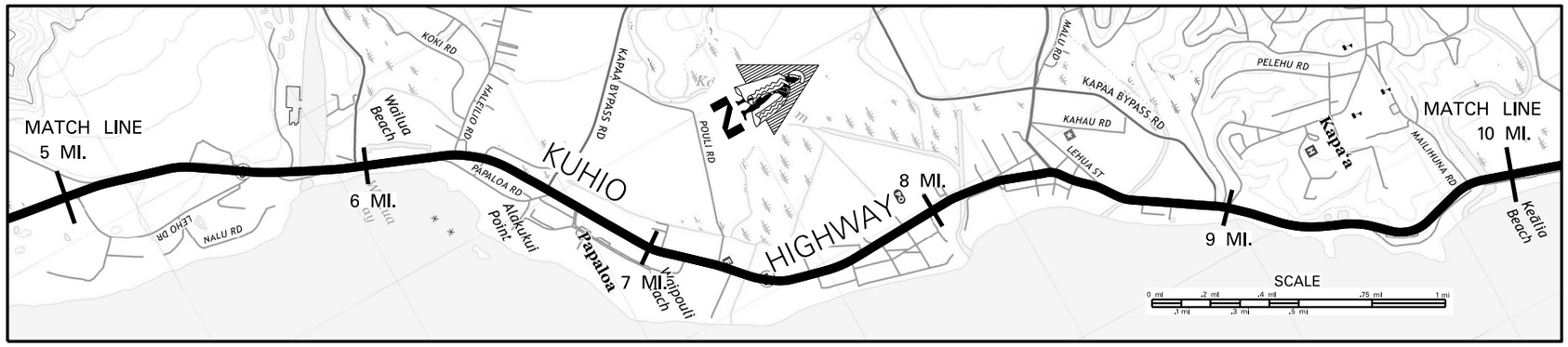
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Maintenance Control Sections : Length and Description: 56A (9.86 MI.); End 56A – Begin 56B on Kuhio Hwy. 100' North of Centerline Intersection with Malihuna Rd. (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) (8.40)
- Tee Beam H20 (CNL) 1948 81' (8.64)
- Tee Beam (STR) 1953 152' (9.90)

Vertical Clearance
- 5.77
- 7.32
- 8.40
- 8.64
- 9.90

Horizontal Clearance
- 28'
- 46'
- 56'
- 30'
- 28'

Structure Over Road

Vertical Clearance

Horizontal Clearance
- (Varies 50'–90') (5.50 – 5.72)
- (70') (9.62 – 9.86)

Right of Way Width (min.–max.) if varies: 100' (5.34) 60' (5.69) 80' (6.12) 60' (8.36) 70' (8.36) 60' (8.59) Varies 80'–120' (8.81) 50' (9.03) 50 (9.50) 50' (9.62) 60' (9.86) 50' (9.62) 80' (9.86) 100'

Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't): Clear 1000' – Sugar Cane 20' FEP (5.69) Residential (6.38) (Sugar Cane – Clear 1000') (6.52) Resort / Residential (8.36) 2' FEP Chain Link (8.82) Open Range (9.03) 30' FEP W/W (9.28) Residential (9.74)

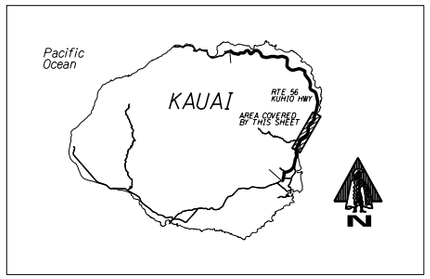
Right of Way Fence: Type – Right and Left: None

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State (5.69) (516 + 36) (8.36) (46 + 00) (568 + 50) (9.62) (3 + 10) (9.86)

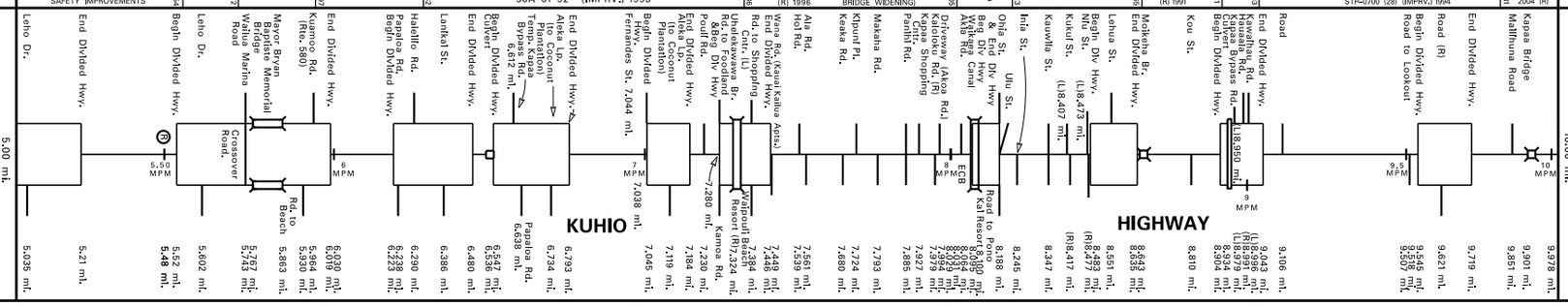
Project No., Type of Construction, and Year Constructed
- NH–056–1(058) RESURFACE, 2019 (5.69)
- (BR–056–1(51), Bridge Widening 2020) (5.72) (6.69)
- (441 + 00) 56A–01–12M RESURFACE 2015
- STP–056–1(37) (R) 1996 (8.36)
- (6 + 10) 56A–01–05M, RESURF., 2010 (8.36)
- ARR–056–1(52), RESURF., 2010 (9.62)

Project No., Type of Construction, and Year Constructed
- HSIP–056–1(53), 2012, SAFETY IMPROVEMENTS (5.54)
- 56A–01–92 (IMPRV.) 1993 (6.32)
- (BR–STP–056–1(35), 2001 BRIDGE WIDENING) (8.06)
- 56A–08–90 1991 (R) 1991 (8.36)
- 56A–03–90M (R) 1991 (8.81)
- (56A–01–97 ((L) TURN LANE) 1998) STP–0700 (28) (IMPRV.) 1994 (9.03)
- 56B–01–01M 2004 (R) (9.81)



Road Diagram

* MPM – Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- 6' AC
- 4' AC
- 6' AC
- 4' AC
- 2' AC
- (22' AC)
- 0
- 4'–6' AC
- 10' AC
- 4' AC
- 9.94 0' AC

Pavement: Width and Type
- 10'/11' AC
- 30'/33' AC
- 11' AC
- 33' AC
- 11' AC
- 33' AC
- 11' AC
- 33' AC
- 11' AC
- 22' AC
- 11' AC
- 27' AC
- 14' AC
- 26' AC
- 24' AC
- 12' AC
- 24' AC
- 11' AC
- 23' AC

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

Divided

Median: Width and Type
- Milled C/L Rumble Strip
- 0'–11' Painted AC
- 0'–11' Painted AC
- 0'–10.5' Grass
- 105'–0' Guard–Rail
- 0'–7' Painted AC
- 0'–10' Painted AC
- 0'–12' Painted AC
- 0'–12' Painted AC
- 0'–14' Painted AC
- (0)–13' Painted AC)
- 0'–10' Painted AC
- 0'–9' Painted AC
- 0'–11' Painted AC

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

Pavement: Width and Type
- 20'/22' AC
- 22' AC
- 22' AC
- 22' AC
- 22' AC
- (11' AC)
- 11' AC
- 13' AC
- 12' AC
- 12' AC

Shoulder: Width and Type
- 6' AC
- (6' AC)
- 4' AC
- (6' AC)
- 4' AC
- 4' AC
- 4' AC
- 4' AC
- 0
- 0
- 12' AC
- (6' AC)
- (4'–6' AC)
- (6' AC)

Number of Traffic Lanes: 1–10'/11' (5.59); 2–10'/11' (5.59); 1 – 11' (6.38); 2 – 11' (8.36); 2–11' (8.36); 1–13' (8.81); 1–14' (8.81); 1–12' (9.62); 1–11' (9.86)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 11' (5.35); 11' (5.43); Aux (5.54); 10' (5.69); 10'10' (6.12); 13'12' (6.38); 12' (6.52); 11' (6.69); 12' (8.36); 11' (8.36); 12' (8.36); 12' (8.36); 10' Bus (8.36); 2–Way (L) TL (8.36); 12' (8.36); 11' (8.36); 10' Bus (8.81); 8' Parking (8.81); 10'10'10' (9.03); 10' (9.62); 13' (9.62); 13' (9.86)

(Right Side): 11' (5.35); 11' (5.43); 10' (5.69); 10' (6.12); 10' (6.38); 12' (6.52); 11' (6.69); 12' (8.36); 11' (8.36); 12' (8.36); 10' Bus (8.36); 2–Way (L) TL (8.36); 12' (8.36); 11' (8.36); 10' Bus (8.81); 8' Parking (8.81); 10' (9.03); 10' (9.62); 12' (9.62); 12' (9.86)

Frontage Road: No. of Lanes, and Width (Right and Left): 2–Way (L) TL (5.35); 2–Way (L) TL (8.36); None

Sidewalk: Width and Type (Right and Left): Conc. (5.69); Conc. (6.38); 5' Conc. (8.81); 6' Conc. (9.62); 6' CONC. (9.86)

Curb and/or Gutter: Type (Right and Left): (Conc. Curb) (5.35); Conc. Curb (5.69); Conc. Curb (6.38); Conc. Curb (8.81); Conc. Curb (9.62); 3' CONC.CURB & GUTTER (9.86)

Protective Devices: Type, Location and Number: All Metal Rail on Metal Post

Illumination: Type, Location and Number: Mercury Vaper

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 (5.69) C (5.78) D (5.78) A (5.81) B (5.81) A (6.38) A (7.06) B (7.06) A (7.35) C A B (7.35) C (7.49) A (8.23) B (8.36) A (8.38) D (8.45) A B (8.54) A (8.64) C (8.7) A (9.38) B (9.40) A (9.55) C (9.69) A (9.81) C (9.81) 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) C (5.35) (5.52) A (6.52) A (8.36) B (8.43) A (9.43) B (9.87) A

Contra–Flow Lane: Contra–Flow 5:15–8:30 AM — Traffic Flow (6.00)

Area and Development: Small Urban (99998)

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

Speed: 1–Design, 2–Posted
- 40 MPH (2)
- 25 MPH / 35 MPH
- 25 MPH (2)
- 35 MPH (2)
- 25 MPH (2)
- 35 MPH (2) / 25 MPH (2)
- 40 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing
- 2 Phase
- 3 Phase
- 3 Phase
- 3 Phase
- 3 Phase
- 3 Phase

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

HPMS Sections – AADT 2021
- 26,365
- 23,882
- 21,100
- 14,700
- (13,000)

HPMS Sections – AADT 2020
- 25,010
- 22,655
- 18,301
- 13,400
- (12,700)

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

DOD Sections: (Minor Arterial (4))

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits
- (BR–056–1(51)) (5.59)
- (STP–056–1(24), GUARDRAIL & SHLDR, IMPRV., 2005) (5.86 – 5.88)
- (HWY–K–03–00 Imprv, 2003) (5.24)
- STP–056–1(41) (R) 1999 (5.54)
- STP–056–1(40) 1998 (5.54)
- 56A–01–91 (Imprv.) 1993 (5.77 – 6.32)
- STP–056–1(37) (R) 1996 (6.84 – 8.07)
- 56A–01–90M (R) 1991 (5.54)
- 56A–01–91 (IMPRV.) 1993 (6.34)
- 56A–08–90 (IMPRV.) 1991 (7.32 – 8.65)
- STP–0700 (28) (IMPRV.) 1994 (8.99)
- (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 (8.09)
- (HWY–K–01–77M (R) 1977)
- 56A–01–90M (R) 1991 (5.54)
- 56A–02–72 1976 (5.54 – 6.01)
- A56–02–65 (R) 1967 (6.18)
- 56A–02–72 1976 (6.31)
- HWY–K–01–78M (R) 1978 (7.51)
- A56–02–65 (R) 1967
- 56A–01–74 1976 (8.98)
- 56A–01–67 (R) 1967 (9.75)
- 56A–01–72 1976 (9.75)
- (HWY–K–01–67 (R) 1967)
- A–56–02–64 1968 (5.54)
- F–12(18) 1950 (5.76)
- (F–12(15) 1948) (.86)
- F–12(18) 1950
- (F–12(14) 1945) – (8.01)
- County (8.12 – 8.65)
- (F–12(14) 1945)
- County (8.65 – 9.00)
- F–12(18) 1950 (9.00 – 9.72)
- F–12(20) 1951 (9.72)
- (R) 1967)

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.
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 56
KUHIO HIGHWAY

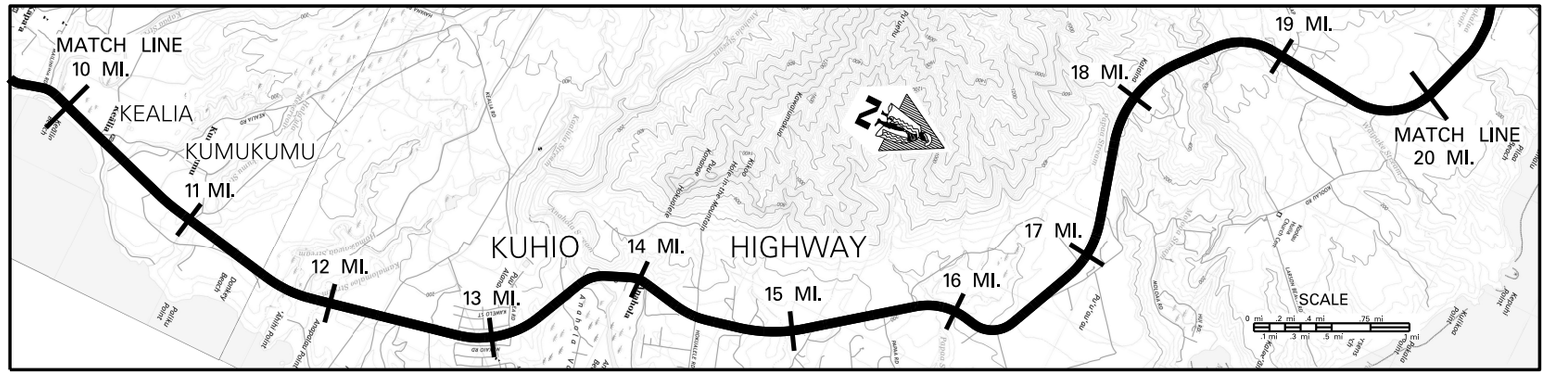
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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) 2" = 1 mile

Maintenance Control Sections : Length and Description: 56 B (3.68 MI.); End 56B and Begin 56C on Kuhio Hwy, at the Centerline Intersection with Anahola Rd. (13.54); 56 C (9.82 MI.)

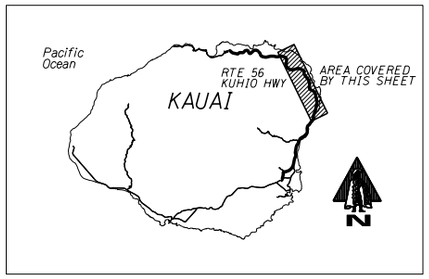
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC Box Grder (STR) 1960	RC RGD FM FL SL (STR) 1960	RC Deck Grder (GTR) 1957	Prestressed Conc. Grder (STR) 1965
Vertical Clearance	214' (13.63)	20' (14.93)	68' (15.86)	240' (18.48)
Horizontal Clearance	28'	28'	40'	28'

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

Right of Way Width (min.–max.) if varies	(100') (80') (30.06) (30.07) Varies 80' to 160'; (16.76) Varies 80' to 260'.
Available Right of Way Width (Needs Study)	Residential (10.69); Clear 1000' – Sugar Cane (12.75); Residential (14.04); Clear 1000' – Pineapple / Sugar Cane (17.32); Bushes and Trees (18.36)
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't.)	(25' FEP) 12.84 C.L. 13.09; 12.96 C.L. 13.11; (15' FEP) 14.16 C.L. 14.30; 15.34 C.L. 15.50; (20' FEP) 17.26 Wire on Wood 35' FEP; 18.36 Wire on Wood 35' FEP
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State; (84+75) 14.07; (19+00) 15.27; (26+00); (175+21.85) 16.47; (45+60) 19.37; (43+60) 19.54
Project No., Type of Construction, and Year Constructed	56B–01–01M 2004 (R); 56C–01–15M, (R), 2019; 56C–01–17M, (R), 2021; 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; ER 5(1) 1957; 50D–56AB–01–70 (SHLDR) 1970; (56C–01–87M (R) 1987); STP–056–1(42) (R) 1999; (STP–0700(58), GUARDRAILS, 2008)



Road Diagram
* MPM = Milepost Marker

Continued from Sheet #2 — KUHIO HIGHWAY — Continued on Sheet # 4

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	8' AC; 2' AC; 6' AC; 11' AC; 8' AC; 6' AC; 12' AC; 6' AC; 10' AC; 6' AC; 4' AC; 6' AC; 11' AC; 6' AC; 4' AC; 6' AC; 4'–8' AC; 10' AC; 4' AC
Pavement: Width and Type	22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 24' AC; 12' AC; 24' AC; 22' AC; 11' AC; 22' AC
Shoulder: Width and Type	6' AC; 0; 8' AC; 6' AC; 0; 6' AC; 0; 6' AC; 0; 4' AC; 10' AC; 0; 6' AC; 0; 6' AC; 6' AC; 4'–8' AC; 8'–14' AC; 10' AC; 4'–8' AC; 6' AC; 4' AC; 0; 4' AC

Divided Highway — Median

Median: Width and Type	0'–12' Painted AC; 0'–10' Painted AC; 0'–12' Painted AC; (0'–11' Painted AC); (0'–9' Painted AC); 0'–10' Painted AC; (Centerline Milled Rumble Strip); (0'–11' Painted AC); Centerline Milled Rumble Strip; 0'–11' Painted AC
Shoulder: Width and Type	0; 0; 0; 0; 0; 0; 0; 0; 0
Pavement: Width and Type	12' AC; 11' AC; 11' AC; 11' AC; 11' AC; 11' AC; 12' AC; 11' AC
Shoulder: Width and Type	6' AC; 6' AC; 6' AC; 5'–7' AC; (10' AC); (6' AC); 4' AC

Number of Traffic Lanes	1–11' 1–12'; 2–11'; 2–12'; 2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	Bus 10'; Bus 11'; Bus 13'; Bus 10'; Bus 12'
(Right Side)	Bus 12'; Bus 10'; Bus 10'; Bus 12'
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	6' conc.; None
Curb and/or Gutter: Type (Right and Left) (All Gutters 2' Concrete)	6' conc.; Type 2 Conc. Gutter
Protective Devices: Type, Location and Number (All Metal Rail on Metal Post)	M.V.
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)	A; B; C; A; 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 C B A D C B D C B C B C A C B C B C B
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	40 mph (1); 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 2021	13,000; 14,900; 13,200; 9,200; (12,100)
HPMS Sections – AADT 2020	12,900; 12,700; 11,100; 9,100; (10,000)
HPMS Sections – AADT 2019	16,500; 17,475; 15,748; 13,310; (14,122)
DOD Sections	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	STP–0700(28) (SHLDR. & G.R. IMPRV.) 1994 (11.62); (HES–056–1(32) (SHLDR. & G.R. IMPRV.) 1990) (12.35); 14.02 STP–056–1(38) (R) 1996; 15.01 56C–01–88M (R) 1988; 15.81 (STP–0700(58), GUARDRAILS, 2008); (HWY–K–01–77M 1977) (HWY–K–01–77M (R) 1977) 14.03; 14.28 14.49 DF–056–1(6) 1960; .00 56C–01–88M (R) 1988; .87 ER 5(1) 1957; 16.21 16.70 56C–01–87M (R) 1987; 17.42; 56B–01–89M (R) 1989; 12.35; 12.59 STP–056–1(34) Shldr. & Guardrails 1995; 15.87; (LT–K–03–80M (R) 1980) 17.41; 17.64; 56C–01–87M (R) 1987; (F–52(20) 1951) 10.25; 56B–01–70(R) 1970; 12.35; FR–0700(22) (R) 1983; 14.01; 50D–56AB–01–70 (SHLDRS.) 1970; 10.15; F–31(1) 1953; 13.56; F–056–1(7) 1958; 14.54; DF–056–1(6) 1958; 15.62 ER–5(1) 1956; 16.19; S–0560(2) UNIT 2 1963

SCALE: (In Miles) 2" = 1 mile

Date Released
Nov. 2001

Revised	
Aug 04	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
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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Nov. 18	D.B.
Dec. 19	D.B.
Nov. 21	D.B.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

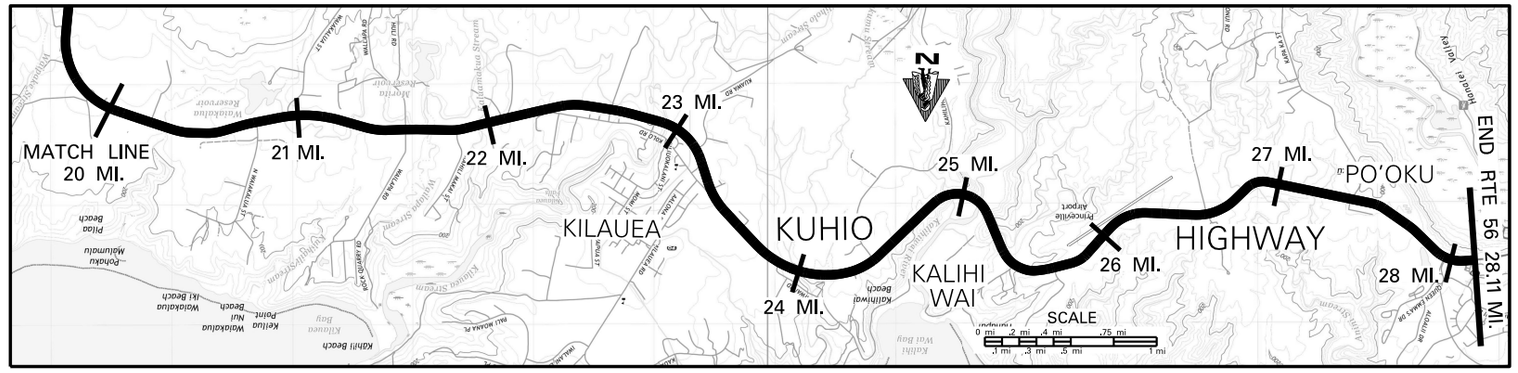
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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) 2" = 1 mile

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

Structure Carrying Road

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

Vertical Clearance

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

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

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

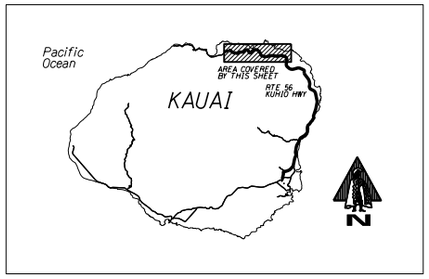
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't) — Wire on Wood 35' FEP; Wire on Wood 35' FEP; Wire on Wood 10'–20' FEP; Wire on Wood 10'–20' FEP

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — State; 56D–01–13,INTERSECTION IMPROV.,2016

Project No., Type of Construction, and Year Constructed — HSIP–056–1(060) (Safety Improvement) 2017; 56D–01–07 RESURF 2012; 56D–03–08M, RESURF., 2010; 56D–03–08M, RESURF., 2010; 56D–01–08M, RESURF., 2010

Project No., Type of Construction, and Year Constructed — (56C–01–09, 2012, INTERSECTION IMPROVEMENTS); 56C–02–08M, RESURF., 2010; 56CD–01–09M, MARKINGS, 2015



Road Diagram
* MPM=Milepost Marker

Continued from Sheet #3

Walakaiua Br. · Walakaiua St. Begin Divided · Walakaiua St. End Divided · North Walakaiua St. Begin Divided · Paved Rd. · Wailapa Rd. Begin Divided · Wailapa Rd. End Divided · Kahili Makai St. · Driveway · Culvert · Pili Rd. · Hoskull Rd. · Kilauea Br. · Kuawa Rd. · Kalihiwai Rd. Begin Divided · Kalihiwai Rd. End Divided · Kalihiwai Rd. Begin Divided · Kalihiwai Br. · Structure #4 · Kalihiwai Rd. End Divided · Anahola Rd. Begin Divided · Anahola Rd. End Divided · Kamalomalo Rd. Begin Divided · Kamalomalo Rd. End Divided · Kapaa Airport Telem. Sta. 300 · Kuhio Hwy. Begin Divided · Kuhio Hwy. End Divided · Kuhio Hwy. Begin Divided · Kuhio Hwy. End Divided · Wailua Tractor Crossing · Wailua Tractor Crossing Begin Divided · Wailua Tractor Crossing End Divided · Kalihiwai Rd. · Unimproved Road · Kahiliholo Rd. Begin Divided · Kahiliholo Rd. End Divided · Kuhio Hwy. Begin Divided · Kuhio Hwy. End Divided · Kuhio Hwy. Begin Divided · Kuhio Hwy. End Divided · Kuhio Hwy. Begin Divided · Kuhio Hwy. End Divided · Kuhio Hwy. Begin Divided · Kuhio Hwy. End Divided · Country Club Rd. (L) Begin Divided · Country Club Rd. (R) End Divided · Hanalei Refuse Station · Kapaa St. Begin Divided · Kapaa St. End Divided · Old Rte. 56 Princeville (Ka Haku Rd.) Begin Divided

KUHIO HIGHWAY

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE. End Rte. 56 on Kuhio Highway at Route Markers 56 and 560 (Same as Beg. Rte. 560) *28.119 mi.

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

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

Pavement: Width and Type — 22' AC (22' AC); 11' AC; 22' AC; 11' AC; 21' AC; 24' AC; 12' 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 (4' AC); 6'–12' AC; 0; 0; 6'–12' AC; 0; 4'–6' AC; 6'–12' AC; 0; 8' AC; 0; 4'–8' AC; 0; 4'–8' AC; 0; 7' AC; 0; 7' AC; 0; 7' AC; 0; 7' AC; 0; 2' AC; 0

Divided Highway — Median

Median: Width and Type — (5.8' Painted AC); (0–12' Painted AC); MILLED RUMBLE STRIPS (6'–12' AC); (0–10' Painted AC); 0'–12' Painted AC; 0'–12' 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)

Divided Highway — Undivided

Shoulder: Width and Type — 0; 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; 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'; 2–12'; 2–11'; 2–12'; 1–12'

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)

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)

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: — Rural (99999)

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

Speed: 1–Design, 2–Posted — 50 MPH (2); 40 MPH (2); 50 MPH (2); 40 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 2021 — 12,100; 10,200; 11,100

HPMS Sections – AADT 2020 — 10,000; 10,200; 8,400

HPMS Sections – AADT 2019 — 14,122; 15,200; 14,427

DOD Sections

Functional Classification — Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits

STP–056–1(42) (R) 1999 (56C–01–87M (R) 1987); 56C–01–90M (R) 1990; STP–056–1(38) (R) 1996; (HWY–K–02–98, IMPRV, 2000); 50D–01–92M (R) 1993; (HWY–K–01–07M,PAVEMENT MARKING, 2007); (HWY–K–01–07M,PAVEMENT MARKING, 2007); STP–0700(58), GUARDRAILS, 2008; F–056–1(31) (New Alignment) 1993; LT–K–03–80M (R) 1980

56C–01–90M (R) 1990; STP–056–1(38) (R) 1996; F–056–1(31) (New Alignment) 1993; (50D–56AB–01–70 1970); 50D–01–92M (R) 1993; STP–056–1(36) 1998; (S–0560(2) U–2 1963); F–056–1(8) 1967; DP–RF–056–1(10) (New Alignment) 1973; HWY–K–01–77M (R) 1977; (ER–7(1) U–2 1963); HWY–K–01–77M (R) 1977; COUNTY; LT–K–03–80M 1980 (R)

SCALE: (In Miles) 2" = 1 mile

Date Released
Nov. 2001

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

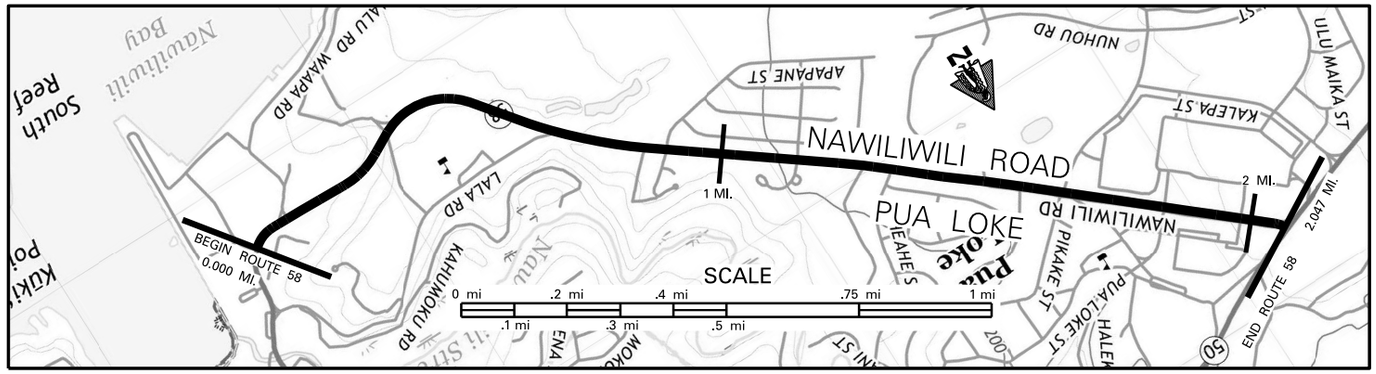
ROAD INVENTORY
KAUAI RTE 58
NAWILIWILI ROAD

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
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' (0.34) 100' (0.16) 120' (0.20) 140' (0.26) 150' (0.32) 110' (0.42) 90' (0.51) 110' (0.56) 100' (0.64) 80' (1.67) 120'

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

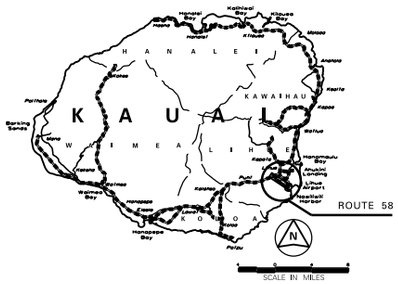
Right of Way Fence: Type – Right and Left: 6' Chainlink (0.71–1.84) 6' Chainlink / 6' Chainlink (1.84–1.98) 6' Chainlink

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

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

Project No., Type of Construction, and Year Constructed: 58A–01–14M, Resurf., 2020 (0.08–1.67)

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

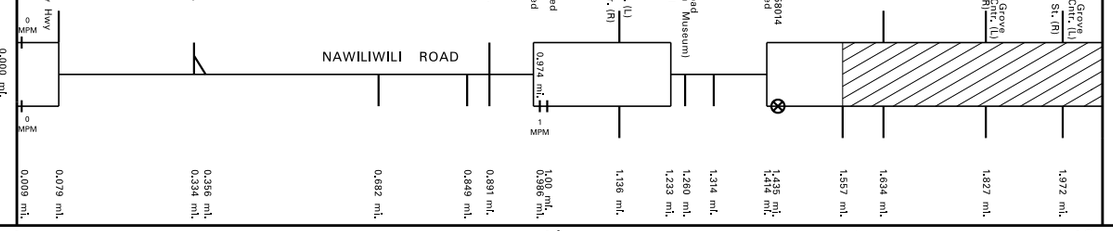


Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM – Milepost Marker

BEGIN RTE 58 ON NAWILIWILI ROAD AT THE CENTERLINE INTERSECTION OF WAAPA ROAD (RTE 51) (L) & KA'ILIKEA STREET (R) — 0.000 mi.



END RTE 58 ON NAWILIWILI ROAD AT THE SOUTH E.P. OF KAUMUALII HIGHWAY (RTE 50) — *2.047 mi.

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 8' AC | 10' Dirt | 4' AC | 9' AC | 4' AC | 10' AC + 4' PCC BIKE LANE
- Pavement: Width and Type: 11' AC | 23' AC | 24' AC | 12' AC | 23' AC | 11' AC | 11' PCC | 22' PCC
- Shoulder: Width and Type: 0 | 10' Dirt | 8'–10' AC | 4'–22' AC | 0 | (4' AC) | 9' AC | 4' AC | 0

Divided Highway – Median
- Median: Width and Type: 0'–13' Painted AC | 0'–11' Painted AC | 0'–20' Paint | 0'–20' Raised Grass | 0'–20' Raised Conc.
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 12' AC | 12' AC | 11' AC | 22' PCC
- Shoulder: Width and Type: 8' AC | 4' AC | 10' AC + 4' PCC BIKE LANE

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — All 12' T.L.s. — 10' (L) T.L.
(Right Side) — All 12' T.L.s. — (Same as 2–11' Through Lanes)

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

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

Curb and/or Gutter: Type (Right and Left): 6' Concrete Gutter; Concrete Curb

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

Illumination: Type, Location and Number: None; 61 HPS

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, A, C, A, C, A, C, B, A, 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, B, C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

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

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase

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

HPMS Sections – AADT 2021: 9,800; 9,900; 11,400; 5,055

HPMS Sections – AADT 2020: 9,900; 10,700; 10,700; 4,430

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

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits
- NH–051–1(10), Resurf., 2002
- STP-0058(2) Pavement, 1980
- 0.11 HWY–K–01–87, Improvements, 1987
- 0.68 58A–01–88M, Resurface, 1988
- 58–01–71 (Reconstruction) 1971
- S–054(1) 1954, 55
- F–058–1(1), 1991
- NH–058–1(3), Resurface, 2002
- 1 = 32
- 2.12 (112 = 52.37)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 2004	D.B.

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

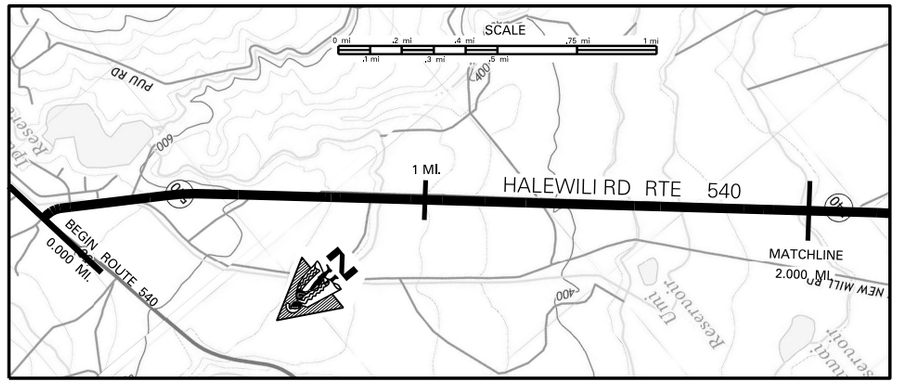
ROAD INVENTORY
KAUAI RTE 540
HALEWILI ROAD

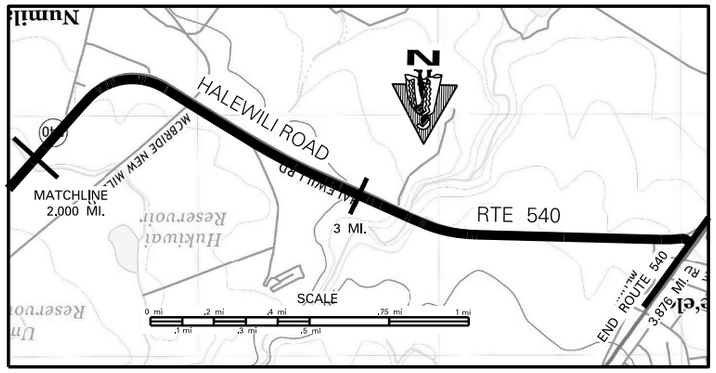
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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



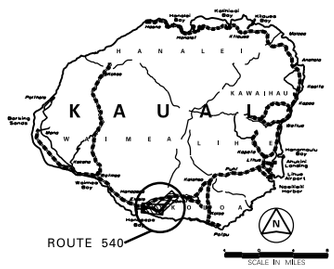


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Prestressed Beam 1950 (1974) H-20
	Vertical Clearance: 408'
	Horizontal Clearance: 48'
Structure Over Road	Vertical Clearance
	Horizontal Clearance
Right of Way Width (min.-max.) if varies	60' (0.01–1.07) 1.07–1.96 60' 2.47–3.49 80' 3.49–3.90 65'
Available Right of Way Width (Needs Study)	Clear 1000' – Sugar Cane 20' from E.P. (0.01–2.34) Residential (2.34–2.43) Clear 1000' – Sugar Cane 20' from E.P. (2.43–3.90)
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) (0.03–1.96) (72+10) STP-0540(3), (R), 2007 (200+68) (0.03–0.08)
Project No., Type of Construction, and Year Constructed	(STP-050-1(9) (Realignment), 1996) (STP-0700-(35) SHLDR & GRD. RL. IMPROV. 1997) STP-0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS (540A-01-02M 2004 RESURFACE) (12+00) (3.71–3.90)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM = Milepost Marker

Begin Rte 540 on Halewili Rd. at the Southwest E.P. of Kaumualii Hwy (Rte 50). 0.000 mi.

Haku Hale St. End Divided (0.070 mi.) — Culvert Kau Wai St. (0.042 mi.) — HALEWILI ROAD — 1 MPM (0.978 mi.) — Coffee Haul Rd. (1.290 mi.) — Water Tank Culvert (1.558 mi.) — 2 MPM (1.978 mi.) — McBryde New Mill Rd. (2.112 mi.) — Rd. to Park (2.369 mi.) — Coffee Haul Rd. (R) Paved Rd. (L) (2.499 mi.) — 3 MPM (2.933 mi.) — Wahiawa Rd. Kaumualii Quarry Dr. (3.081 mi.) — Huehu Rd. Huna St. (3.168 mi.) — Begin Divided (3.709 mi.) — 3.95 MPM (3.870 mi.)

End Route 540 on Halewili Road at the East E.P. of Kaumualii Hwy (RTE 50). *3.876 mi.

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	6' AC; 12' AC (3.22–3.90) 6' AC
Pavement: Width and Type	(12' AC); 24' AC (0.07–2.37); (2.37–3.90) (12' AC)
Shoulder: Width and Type	0; 6' AC; (2.37–2.86) 12' AC 6 AC 12' AC 6' AC; 0
Divided – Median: Width and Type	(AC Curb (0'–53') & Flush Grass (0'–40') "W/ AC Flight (NO "Shoulder)")
Median Barriers:	(0'–15" Painted AC); (0.042–3.831)
Shoulder: Width and Type	0; 0
Pavement: Width and Type	(12' AC); (12' AC)
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)	(Same as Through Lane) (3.865–3.90)
(Right Side)	(.667–.796)
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)	(.360–.377) (.441–.469) (.588–.636) (.868–.892) (.529–.573) (.077–.111) (.197–.201) (.360–.369) (.357–.369) (.209–.235) (.079–.073) (.541–.542) (.796–.877)
Protective Devices: Type, Location and Number (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)	(F) D (0.01–0.06) A (2.20–2.44) C (2.44–3.85) A (3.85–4)
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 (0.01–0.77) D (0.77–1.15) C (1.15–2.14) B (2.14–2.51) A (2.51–2.68) B (2.68–2.76) C (2.76–2.97) B (2.97–3.66) C (3.66–4)
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2) (.027–.573) (.796–4)
Speed: 1–Design, 2–Posted	(Not Posted) 35 MPH (2) (.027–.049) 35 MPH (2) (.049–.197) 50 MPH (2) (.197–.573) 35 MPH (2) (.573–.633) 50 MPH (2) (.633–.796) 45 MPH (1) (.796–.865) 35 MPH (1) (.865–4) (Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0540 00014
HPMS Sections – AADT 2021	2,500
HPMS Sections – AADT 2020	2,300
HPMS Sections – AADT 2019	2,946
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	STP-0700-(35) (Shoulder and Guardrail Improvements), 1997 (0.06–1.03); 540A-01-02M 2004 RESURFACE (0.07–3.90); (STP-050-1(9) (Realignment), 1996); HWY-K-01-91M (Resurface), 1991; 540A-01-72 (Resurface), 1972; FAS 5A(1), 1939; S-5(2), 1950; (RS-540(1), 1974); HWY-K-01-91M (Resurface), 1991; 540A-01-72 (Resurface), 1972; (127+84.80) (1+55.07) (1.50–79+46.07) (3.09–3.11) (3.18–3.25) (3.95) (0+55.15) (Spur – Port Allen Leg)

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug. 2004, DB

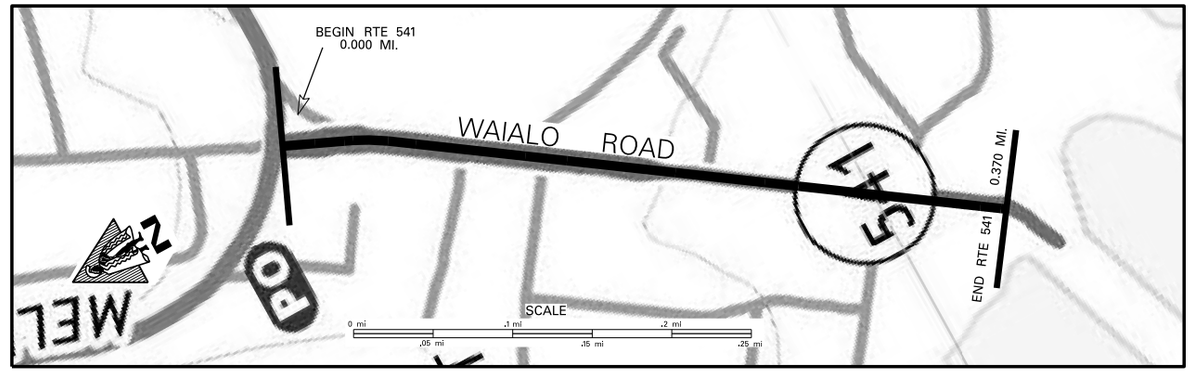
Revised	
Sept. 06	D.B.
Feb. 08	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

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

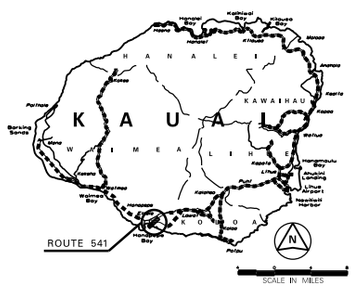
Total Route Length: 0.370 **miles**
a. Survey Length: 0.370 **miles**
b. Proposed Length: 0.00 **miles**
c. Other Length: 0.00 **miles**



SCALE: (In Miles) 20" = 1 mile

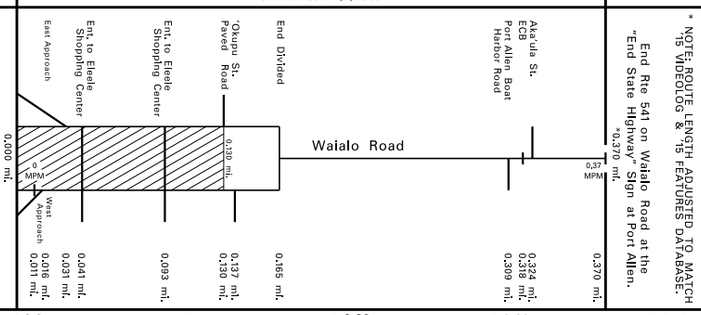
Maintenance Control Sections : Length and Description
Begin 541 A on Waialo Road at Centerline of Kaumualii Hwy. — 541 A (0.37 mi.) — End 541 A Same as End Route.

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed
	Vertical Clearance
	Horizontal Clearance
Structure Over Road	Vertical Clearance
	Horizontal Clearance
Right of Way Width (min.–max.) if varies	Varies (0.04) ◁—R/W is 40' from Centerline of Approaches 100' (0.07) 40'–100'
Available Right of Way Width (Needs Study)	Residential
Right of Way Fence: Type – Right and Left	None
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	(16 + 00) 541A–01–04M, Resurf., 2008 (+ 3 + 00)
Project No., Type of Construction, and Year Constructed	541A–01–89M (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM – Milepost Marker



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

SCALE: (In Miles) 20" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	5'–12' AC
	Pavement: Width and Type	16' AC (.053) 20' AC
	Shoulder: Width and Type	0
	Median: Width and Type	4'–15' Raised Grass (.041) 4' Raised Grass (.125) 0'–5' Paint (.195)
	Shoulder: Width and Type	0
	Pavement: Width and Type	15'–18' AC (.055) 22' AC (.132) 10' AC
	Shoulder: Width and Type	10' Dirt (0.04) 4' AC (0.01) 10' Dirt
Number of Traffic Lanes		1–16' (.053) 2–10' 1–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		1–(15'–18') (.055) 2–11' (.132) 1–10' 1–13'/14' (.170); 11' (.025)
(Right Side)		11' (.028) (.119) (.137) (.170)
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 (0.02) B (0.07) 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 (0.96) B
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Rolling (2) (.296)
Speed: 1–Design, 2–Posted		Not Posted; 35 MPH (2) (.052); Not Posted
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Stations (Current Year)		B73 0541 00014
HPMS Sections – AADT 2021		3,000
HPMS Sections – AADT 2020		2,900
HPMS Sections – AADT 2019		3,048
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

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.

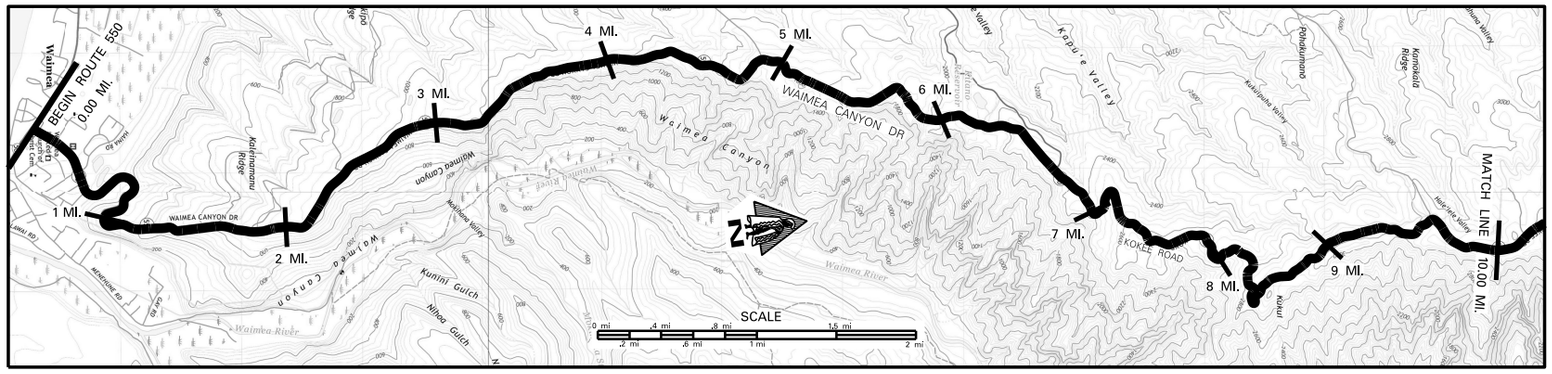
SCALE: (In Miles) 20" = 1 mile

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**

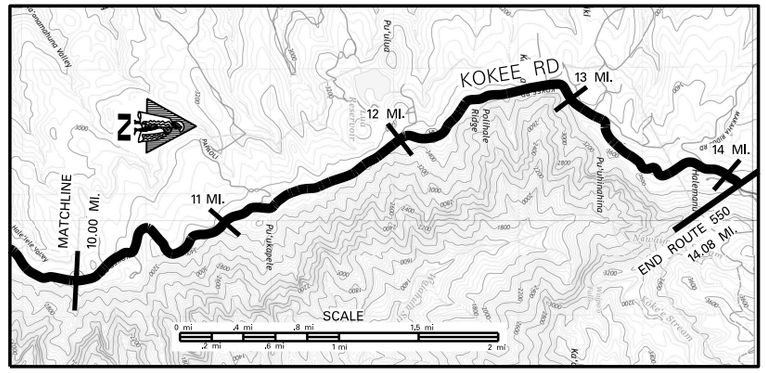

BEGIN ROUTE 550
0.00 MI.
1 MI.
2 MI.
3 MI.
4 MI.
5 MI.
6 MI.
7 MI.
8 MI.
9 MI.
MATCH LINE
10.00 MI.
WAIMEA CANYON DR
KOKEE ROAD
Waimea Canyon
Waimea River
Kunini Gulch
Nihoa Gulch
Kapuie Valley
Kalalauna Valley
Kumuli
Mohihi Valley
Kaiwiki Valley
Kaiwiki Ridge
Kaiwiki Valley
Kaiwiki Ridge
Kaiwiki Valley
Kaiwiki Ridge

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**



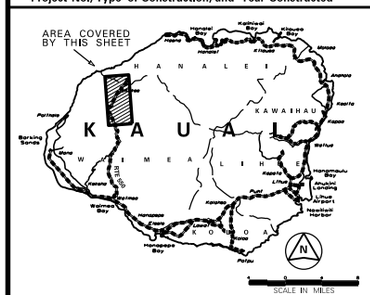
SCALE: (In Miles) 2" = 1 mile

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies	80'
Available Right of Way Width (Needs Study)	TREES – MOUNTAINS
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE (569 + 56, 10.68 – 683 + 55, 13.03)
Project No., Type of Construction, and Year Constructed	STP–0700(58), GUARDRAILS & SHOULDER IMPV., 2008
Project No., Type of Construction, and Year Constructed	550B–01–91M (RESURF.) 1991



Road Diagram
* MPM = Milepost Marker

10.00 MI. CONTINUED FROM SHEET #1

SPUR WAIMEA CANYON LOOKOUT (10.330 mi., 10.315 mi.) — DIRT ROAD DIRT ROAD (11 MPM, 11.083 MI., 11.073 MI., 10.964 MI.) — CULVERT (11.314 MI.) — KOKEE ROAD — (12 MPM, 11.963 MI.) — RD. TO CAMP HALE KOA (ECB (L), 12.832 MI.) — RD. TO KOKEE METHODIST CAMP (13 MPM, 12.961 MI., 13.102 MI.) — ELEVATION 3500' PUU HINAHINA LOOKOUT (13.632 MI., 13.621 MI.) — MAKAHA ROAD (14 MPM, 13.867 MI., 13.957 MI., 14.082 MI.)

ROAD TO PACIFIC MISSILE RANGE FACILITY – HAWAIIAN AREA

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

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

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: VARIES 2'–6' GRASS
- Pavement: Width and Type: 16'–22' AC
- Shoulder: Width and Type: 0'–2' DIRT (10.38) 4'–6' GRASS (10.97) VARIES 2'–6' GRASS
- Median: Width and Type
- Median Barriers:
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes	2–(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)	(.067, 10.98) (.659, 10.98) (.795, 12.77) (.98, 13.18) (.677, 13.65) (.964, 13.98)
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)	BADABCEFBECBE (10.58) D (10.82) ADAEAC (11.20) DABACCAB (11.28) CAB (11.77) A (12.09) E (12.39) D (12.49) C (12.57) A (12.64) E (12.74) D (12.98) B (13.05) A (13.65) E (13.82) E (13.87) AC (13.96) AB (14.06) E (14.23) DA (14.33) B (14.47) A (14.57) EF (14.67) EA (15.07) D (15.26) D (15.37) CDE
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 (10.08) B (10.17) D (10.27) E (10.46) E (10.80) B (10.93) C (11.07) B (11.42) C (11.98) B (12.04) A (12.26) B (12.47) C (12.64) C (12.77) B (12.96) C (13.05) B (13.33) E (13.56) D (13.70) C (13.77) B (13.95) C
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) (.990 –(NOT POSTED))
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0550 00672
HPMS Sections – AADT 2021	550
HPMS Sections – AADT 2020	530
HPMS Sections – AADT 2019	1,700
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	
	550A–01–73 (R) 1973 — 12.10 COUNTY — 550B –01–74 (R) 1974

SCALE: (In Miles) 2" = 1 mile

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

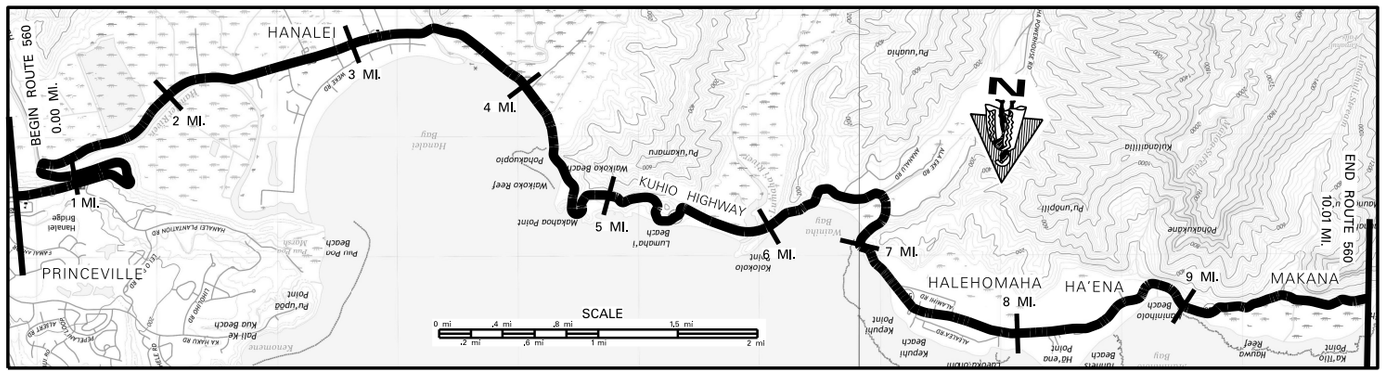
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

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

Structure Carrying Road

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

Steel Pratt Truss 1912 H-10 (113') | R.C. Flat Slab 1912/2019 REHAB, H-15 (90') | R.C. Flat Slab 1912/ 2019 REPL., H-15 (142') | R.C. Flat Slab 1912/2019 REPL., H-10 (70') | Cont. Concrete 1968 HS 20 (538') | Steel Truss Deck 1969, H10 (42') | Steel Truss Deck 1973, H15 (78') | Steel Truss Deck 1975, H15 (146')

Vertical Clearance

Horizontal Clearance

113' 1.20 | 90' 3.39 3.91 4.21 | 538' 5.87 | 42' 6.39 | 78' 6.68 6.80 | 146'

17' | 11'-11" | 14' 14' | 28' | 10' | 10' 14'

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.)

40' | 80'-125' | 40'

Grass and Small Trees | Residential | Trees and Brush | Residential with Trees and Bushes

Wire 10' | Wood 8' | Chain Link 6' | Wire 15-25' | Wire 50' | Wire 6' | Chain Link 6' | Wood 10' | Wire 10' | Wire 8'

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

None

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

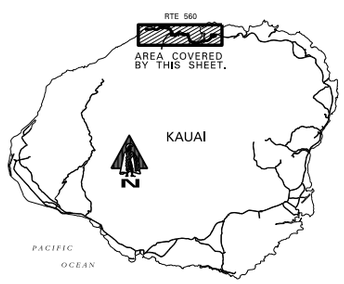
469 - 92 | 305 - 71 | State

Project No., Type of Construction, and Year Constructed

HRR-0560(12), SAFTEY IMPROVEMENTS, 2014

Project No., Type of Construction, and Year Constructed

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



Road Diagram

* MPM=Milepost Marker

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

BEGIN RTE 560 ON KUHIO HIGHWAY AT ROUTE MARKERS 560 & 560 (SAME AS END ROUTE 561.)

END RTE 560 ON KUHIO HIGHWAY AT THE END OF THE PAVED HIGHWAY SECTION.

0.000 mi. 0.000 MPM | 0.197 mi. 0.197 mi. | 0.387 mi. | 0.638 mi. 0.807 mi. | 1.222 mi. 1.197 mi. | 1.598 mi. 1.471 mi. | 2.506 mi. 2.412 mi. | 2.796 mi. 2.749 mi. | 2.900 mi. 2.991 mi. | 3.095 mi. 3.225 mi. | 3.305 mi. 3.383 mi. | 3.509 mi. 3.909 mi. | 4.212 mi. 4.017 mi. | 5.000 mi. | 5.416 mi. | 5.873 mi. | 6.007 mi. | 6.394 mi. 6.469 mi. | 6.653 mi. 6.679 mi. | 6.789 mi. 6.991 mi. | 7.202 mi. 7.307 mi. | 7.427 mi. 7.459 mi. | 7.543 mi. 7.637 mi. | 7.905 mi. 7.982 mi. | 8.143 mi. | 8.384 mi. | 8.759 mi. 8.788 mi. | 8.981 mi. | 9.549 mi. | 9.705 mi. | 9.860 mi. | 9.990 mi. 10.003 mi.

Road Diagram (milepost markers): 0 MPM, 1.5 MPM, 2.5 MPM, 3 MPM, 3.5 MPM, 4 MPM, 5 MPM, 6 MPM, 7 MPM, 8 MPM, 9 MPM, 10 MPM

Road | Hanalei Lookout Rd. to Princeville Cnt. | Hanalei Plantation Rd. | End Divided Begin Divided | Ohiki Road Hanalei River Br. | Culvert Bridge | Hanalei Museum Rd. | Culvert | End Divided Cnt. to Hanalei Begin Divided | Alex Road | Driveway | Maiolo Rd. | Mahimahi Rd. | End Divided Begin Divided | Driveway | Road to School | Kuhio Road Wahiawa Place | Anae Road | Wahiawa Bridge | Walpa Bridge | Walkoko Bridge | KUHIO HIGHWAY | ECB (R) | Lumahai Bridge | Anahulu Road Wainha Bridge #1 | Wainha Powerhouse | Wainha Br. #3 | Ala Eke Road | Wainha Br. #2 | Alamihi Rd. | Alamihi Place | Mikaala Place | Hanalei Culvert #1 | Uki Lui Pl. | Alamihi Road | Atealea Rd. | Haena Pl. | Culvert #2 | Wet Cave Ford Crossing | Wet Cave | Parking Area | Lihuhuff Stream Crossing | Haena State Park Boundry

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type

2' AC/ 6' Grs. | 1'-2' AC | 4'-6' AC | 2' AC | 4' Grs. | 6' Grs. | 8' Grs. | 2' Grass | 4' Grass | 0'-2' AC

Pavement: Width and Type

20'-24' AC | 19'-22' AC | 19'-20' AC | 9'-10' AC | 19'-20' AC | 19'-20' AC | 18'-21' AC | 18'-22' AC | 18'-120' AC | 18'-23' AC

Shoulder: Width and Type

2' AC/ 6' Grass | 1' AC | 1' AC/ 6' Grass | 2' AC/6' Grass | 2' AC | 2' AC/ 6' Grs. | 8' Grs. | 0'-1' AC | 2'-4' Grs. | 6'-8' Grass | 0'-2' AC

Median: Width and Type

(0'-5' Paint) | (20' Painted AC) | (0'-7' Painted AC) | (2' AC/10' Grs.)

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

(2' AC/10' Grass)

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)

None

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

14 M.V. | 5 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:

Rural (99999)

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

Mountainous (3) | Flat (1) | Mountainous (3) | Flat (1) | Mountainous (3) | Flat (1) | Mountainous (3) | Rolling (2)

Speed: 1-Design, 2-Posted

(Not Posted) | 25 MPH (2) | 35 MPH (2) | 25 MPH (2) | Not Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B73 0560 00006 | B73 0560 00039 | B73 0560 00290 | B73 0560 00421 | B73 0560 00763

HPMS Stations - AADT 2021

8,500 | 7,800 | 5,500 | 3,000 | 1,900

HPMS Stations - AADT 2020

4,892 | 6,534 | 2,899 | 1,721 | 1,087

HPMS Stations - AADT 2019

9,042 | 9,246 | 4,470 | 3,100 | 2,200

DOD Sections

Census Tracts

Functional Classification

Minor Arterial (4) | Major Collector (5)

National Highway System (NHS)

Not on NHS (0)

Previous Projects: Project No., Date and Limits

560A-01-96M, 1997 | 560A-01-00M, (Resurf.) 2000 | 560A-01-86M (R) 1986 | 560A-02-96M, 1997 | 560A-01-90M, 1990 | RWY-K-01-82M, 1982 (R) | FR-0700(22) 1988 (Resurf.) | 56D-01-85M, (Resurf.) 1985 | (S-0560(1), 1965) | FR-0700(22) 1983 (R) | LT-K-03-80M (R) 1980 | 56D-01-80, 1980 (Safety Improv. & Resurf.)) | LT-K-03-80M 1980 (R) | 56D-02-70 1970 | County | 56D-02-70 1970 | (S-0560(1) 1965) | 56D-02-70 1970

SCALE: (In Miles) 2" = 1 mile

Date Released	
Dec 2003,	D.B.

Revised	
Jan. 06	D.B.
Sept. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
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.
Feb. 22	D.B.

ROAD INVENTORY

KAUAI RTE 570
AHUKINI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

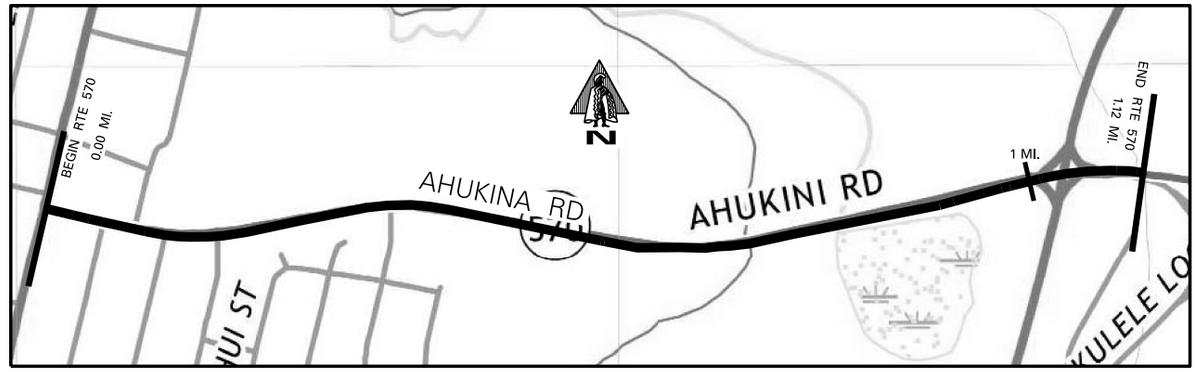
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 1.122 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

Structure Carrying Road: Vertical Clearance

Structure Carrying Road: Horizontal Clearance

Structure Over Road: Vertical Clearance

Structure Over Road: Horizontal Clearance

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

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

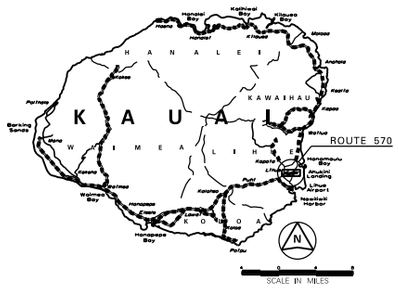
Right of Way Fence: Type – Right and Left: NONE

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 0+56.12 STATE 67+17.42

Project No., Type of Construction, and Year Constructed: 0.000 | 570A–01–11MR, RESURFACE, 2016 | 0.904 | 0.91

Project No., Type of Construction, and Year Constructed: 0.12 | HWY–K–02–98 IMPRV., 2000 | 0.29 | 570A–01–92M (R), 1993 | 0.91 | 570A–01–15M, 2017



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

0.00 MI.

END DIVIDED | AKAHI ST. | ENT. TO WALMART | BEG. DIVIDED ELUA ST. | UMI ST. | TELEM. STA. 570003 END DIVIDED | PALAI ST. | CANE HAUL ROADS DRIVEWAY TO HELICOPTER TOURS | AHUKINI ROAD | BEG. DIVIDED | KAPULE HWY (RTE 51)

0 MPM | 0.5 MPM | 1 MPM

0.020 MI. | 0.061 MI. | 0.095 MI. | 0.129 MI. | 0.126 MI. | 0.178 MI. | 0.313 MI. | 0.295 MI. | 0.362 MI. | 0.532 MI. | 0.505 MI. | 0.925 MI. | 1.001 MI. | 1.065 MI.

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

*1.122 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "15 VIDEOLOG & "15 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: (0'–3' PAINTED AC) | 0'–12' PAINTED AC | 0'–12' PAINTED AC

Median Barriers: 1.020 | 1.229 | 1.295 | .925

Divided Highway – Undivided:

Shoulder: Width and Type: 0 | 0 | 0

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

Shoulder: Width and Type: 0 | 0 | 1.01 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' | .032 | .060 | .090 | .122 | 12' | 16' | 13' | .175 | .182 | .202 | 11' | .975 | 12' | 15'

(Right Side): SAME AS THROUGH LANE | .010 | .242 | 12' | .995 | 12' | .018

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

Sidewalk: Width and Type (Right and Left): 4' CONC. | .171

Curb and/or Gutter: Type (Right and Left): .171 (CONC. CURB W/ 2' CONC. GUTTER)

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 | 0.30 | B | 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 | 0.51 | B

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) | .050 | 35 MPH (2) | .897 | NOT POSTED 35 MPH (2) | (25 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing: 3 PHASE | .956 | .009

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

HPMS Sections – AADT 2021: 13,000 | 11,043 | 7,700

HPMS Sections – AADT 2020: 11,800 | 0.36 | 10,781 | 6,500

HPMS Sections – AADT 2019: 14,700 | 16,662 | .906 | 10,500

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 | 0.91 | F–051–1(7), 1988 | S–0570 (1), 1964

SCALE: (In Miles) 10" = 1 mile

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

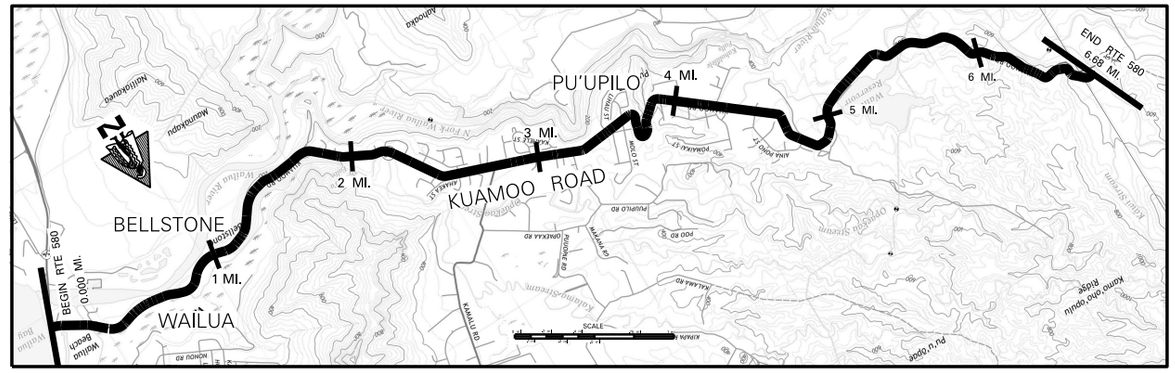
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

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

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

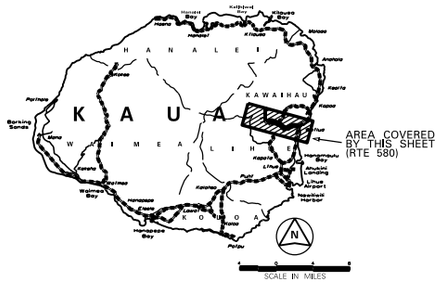
Right of Way Fence: Type – Right and Left: W/W 20'FEP | WOOD | WIRE ON WOOD 10'FEP | W/W

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (580A–01–14, SLOPE STABALIZATION, 2016) — STATE — (STP–0700(58), GUARDRAILS, 2008)

Project No. and Type of Construction: HRRP–0580(4), SAFETY IMPRV., 2011 — (STP–0700(58), GUARDRAILS, 2008) — 580A–01–07M, RESURFACE, 2008

Year Project Constructed (STP–0700(38), 1998): 580A–01–06M, (R) 2007 — 580A–01–01, (R) 2002 — 580A–01–99M, (R) 2000



Road Diagram

* MPM–Milepost Marker

BEGIN RTE 580 ON KUAMOO ROAD AT THE W. EDGE OF PAVEMENT OF KUHIO HWY. (RTE 56) — 0.000 MI.

KUAMOO ROAD — 1 MPM — 2 MPM — 3 MPM — 4 MPM — 5 MPM

WAILUA RIVER STATE PARK EXIT — WAILUA RIVER STATE PARK — WAILUA ST. — WAILUA RIVER STATE PARK — CULVERT — WAILUA ROAD — OPAEKAA BRIDGE — POJIAHU HEIAU STATE PARK ROADS — ENTRANCES TO OPAEKAA LOOKOUT — KAMILOA HANAMAIKAI VILLAGE — KAHAWAI PL. — MELIA STREET — OHELO ROAD — KAMALU RD. (RTE 581) — ROYAL DR. — MALA STREET — PONOKAKALA ROAD — OPAEKAA ROAD — NAUOMELI PLACE — LAKONE ROAD — PAAKO STREET — HIE STREET — LIHAU STREET — WAIKOLIA STREET — HANAMANA STREET — KAHOLALELE ROAD — AINA PONO RD. — U.H. AGR. STATION (R) — AINA PONO RD. — PAVED ROAD — CULVERT — KULAU RIDGE TRAIL — FOREST RESERVE SIGN — END OF VIDEOLOG

0.232 MI. — 0.425 MI. — 0.625 MI. — 0.999 MI. — 1.284 MI. — 1.409 MI. — 1.535 MI. — 1.651 MI. — 1.701 MI. — 1.857 MI. — 1.999 MI. — 2.176 MI. — 2.152 MI. — 2.383 MI. — 2.278 MI. — 2.581 MI. — 2.773 MI. — 2.732 MI. — 2.701 MI. — 2.963 MI. — 3.189 MI. — 3.327 MI. — 3.340 MI. — 3.488 MI. — 3.414 MI. — 3.383 MI. — 4.074 MI. — 4.078 MI. — 4.217 MI. — 4.422 MI. — 4.739 MI. — 4.820 MI. — 5.025 MI. — 5.002 MI. — 5.502 MI. — 6.40 MI. — 6.46 MI. — 6.397 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 | 12'–24' GRS | 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) | 4' AC | 6' AC (BEGIN C/L & SHLDRS RUMBLE STRIPS) | 4' AC (END C/L & SHLDRS RUMBLE STRIPS) | 4' – 6' AC | 12'–24' GRS | 6' – 12' GRS | 2' – 4' GRS

Divided Highway

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

Number of Traffic Lanes: 1–10'/11' | 1–10' | 2 – 10' | 2 – 9' | 1–7'/8' | 1–8'

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 (NOT POSTED) | 35 MPH | 25 MPH

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

Traffic Stations (Current Year): B73 0580 00000 | P73 0580 00228 | B73 0580 00318 | B73 0580 00407

HPMS Sections – AADT 2021: 10,100 | 8,300 | 3,400 | 1,600

HPMS Sections – AADT 2020: 7,792 | 8,200 | 3,100 | 1,400

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

- 0.28 HRRP–0580(4), SAFETY IMPRV., 2011
- 0.07 580A–01–07M, RESURFACE, 2008
- STP–0700(38), 1998 — 3.90 580A–01–06M (R) 1998 — 4.82 580A–01–99M, (R) 2000
- 0.06 580A–01–10M, (RESURFACE) 1994
- 0.02 RS–0850(2), (RESURFACE AND IMPROVEMENTS), 1980 — 2.27 — 580A–01–88M(R), 1989 — 5.84 COUNTY, MAINTAINED BY STATE
- 580A–01–70(R), 1971 — 4.83
- A–580–01–54 PHASE 2 1964 — 0.01 — 1.33 (A–580–01–54 PHASE 1 1963) — WRDC–5(1), 1947 — 4.32 COUNTY — 6.68

SCALE: (In Miles) 2" = 1 mile

Date Released
March 95

Revised	
Pd Tm	3–95
Pd Tm	6–95
JK	4–96
JK	5–97
DB	2–08
DB	3–09
DB	12–09
DB	9–10
DB	2–11
DB	2–12
EPJ	2–13
EPJ	12–13
DB	7–14
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	DB
Feb. 19	DB

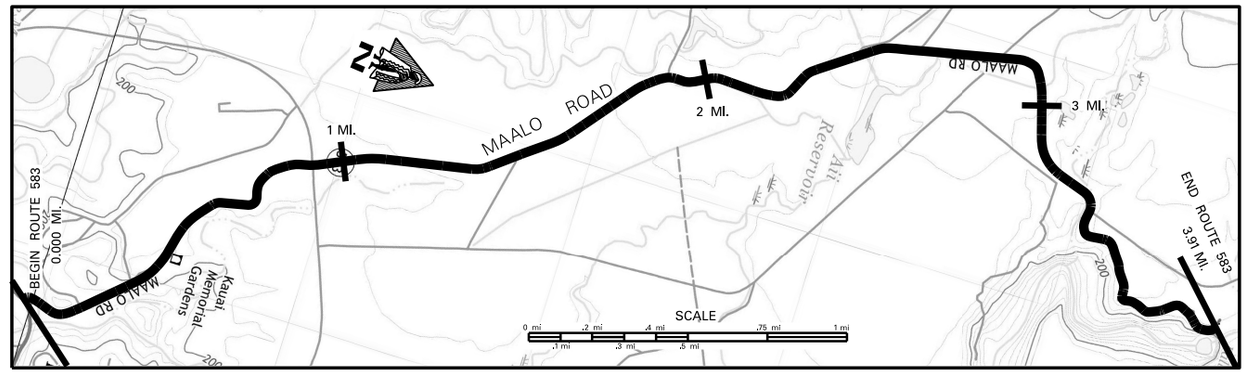
ROAD INVENTORY
KAUAI RTE 583
MAALO ROAD

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**



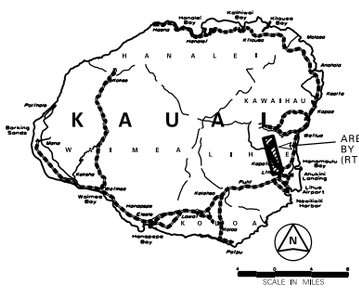
SCALE: (In Miles) 4" = 1 mile

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: 583A–01–18M, Resurfacing, 2022
Project No., Type of Construction, and Year Constructed: STP–0583(002), GUARDRAILS AND SHOULDERS, 2015; 583A–01–01M, RESURFACE, 2005



Road Diagram
* MPM = Milepost Marker

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 — 0.165 MI. — ROAD — 0.245 MI. — TELEM. STA. 583004 KAUAI MEMORIAL GARDENS ROAD — 0.497 MI. — 0.470 MI. — CULVERT — 0.68 MI. — CULVERT — 0.822 MI. — QUARRY ROAD (L) — 0.96 MI. — CANE HAUL RD. (R) — 0.921 MI. — 1 MPM — ECB (L) — 1.39 MI. — CULVERT — 1.82 MI. — DIRT ROAD — 1.91 MI. — MAALO ROAD — 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. — 3 MPM — 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.

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

SCALE: (In Miles) 4" = 1 mile

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

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

Number of Traffic Lanes: 2–10' | 2–9' | 2–(8.5'–10')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side): PARKING APRONS (R)
Frontage Road: No. of Lanes, and Width (Right and Left): None
Sidewalk: Width and Type (Right and Left): (STEEL RAILING ON CONCRETE WALL)
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: SMALL URBAN (99998) | RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: ROLLING (2)
Speed: 1–Design, 2–Posted: 25 MPH (2) | NOT POSTED 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): P73 0583 00047
HPMS Sections – AADT 2021: 850
HPMS Sections – AADT 2020: 650
HPMS Sections – AADT 2019: 1,200
DOD Sections
Census Tracts
Functional Classification: MINOR COLLECTOR (6) | LOCAL (7)
National Highway System (NHS): NOT ON NHS (0)
Previous Projects: Project No., Date and Limits
(583A–01–71, 1971)
ARR–0583(1) RESURF., 2010
583–01–95M (RESURFACE) 1996
583A–01–07M, RESURF., 2009
583A–01–71, 1971
583–01–95M (RESURFACE) 1996
583A–01–01M, RESURFACE, 2005
PHASE II 583A–01–71, 1971
HWY–K–01–70 (PHASE II), 1970
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

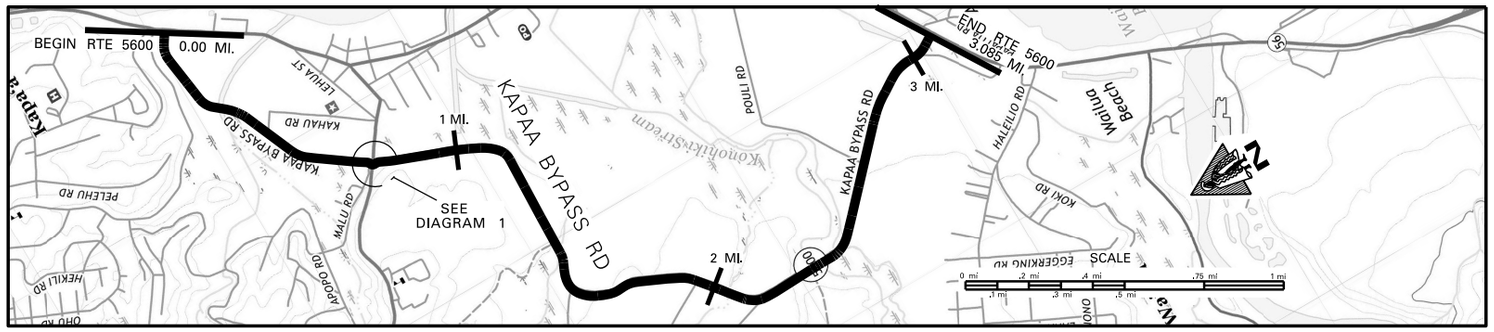
Total Route Length: 3.085 **miles**

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: 2'71

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)

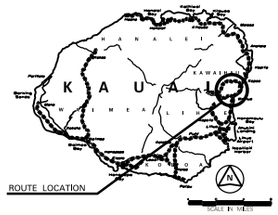
Right of Way Fence: Type - Right and Left: 6' CHAINLINK FENCE 25'-30' FROM E.P. / WIRE 35'-40' FROM E.P.

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

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

* MPM=Milepost Marker

BEGIN KAPAA BY-PASS ROAD AT THE N. W. E.P. (+FAR) OF NE INTERSECTION WITH KUHIO HIGHWAY (RTE 56). 0.00 mi.

MOKEHA CANAL BRIDGE — 0.500 MI.

SIPHON (AG. DITCH) — 0.271 MI.

OLOHENA RD. END DIVIDED — 0.749 MI.

OLOHENA RD. BEGIN DIVIDED — 0.749 MI.

KAPAA BY-PASS ROAD

KAINAHOLA STREAM BRIDGE — 0.990 MI.

SIPHON (AG. DITCH) — 1.464 MI.

SIPHON (AG. DITCH) — 1.923 MI.

CULVERT — 2.375 MI.

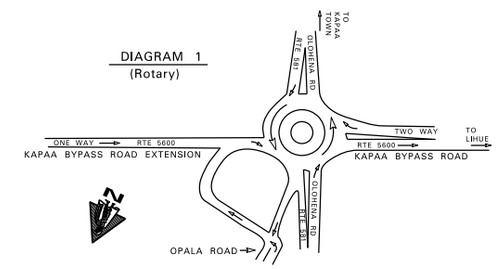
GATE (OPEN 5:30 AM - 7:00 PM) — 3.000 MI.

0.5 MPM — KAPAA BY-PASS ROAD EXT. — ONE WAY (IN SERVICE FEB. 07)

1 MPM — SEE DIAGRAM 1 (Rotary)

1.5 MPM — 2 MPM — 2.5 MPM — 3.0 MPM

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '17 VIDEOLOG & '17 FEATURES DATABASE. END KAPAA BY-PASS ROAD AT N. E.P. OF SW INTERSECTION WITH KUHIO HWY (RTE 56). *3.085 MI.



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

Pavement: Width and Type: 11' AC (ONE WAY (+) DIRECTION) | (15' AC) | 22' AC

Shoulder: Width and Type: 5' AC | (0) | 2'-4' AC

Divided Highway

Median: Width and Type: (100' CONC, ROUNDABOUT) .749 .788 .800

Shoulder: Width and Type: (0)

Pavement: Width and Type: (15' AC)

Shoulder: Width and Type: (0)

Number of Traffic Lanes: 1-11' | (2-15') | 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 2020

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

DOD Sections

Census Tracts

Functional Classification: LOCAL ROAD (7)

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

Previous Projects: Project No., Date and Limits

Date Released	
May 2006	D.B.

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

SCALE: (In Miles) 4" = 1 mile