STATE ROUTE SYSTEM

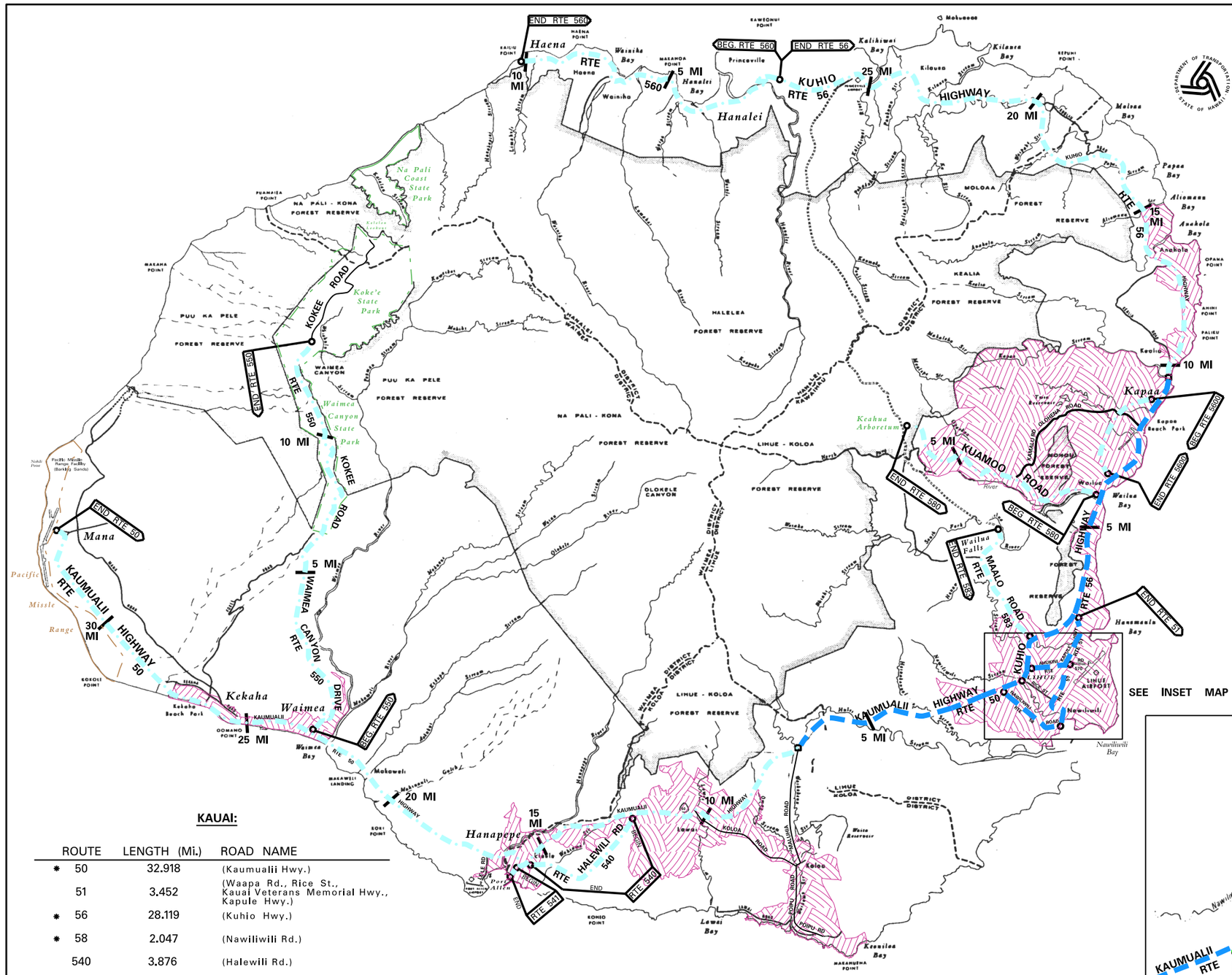
COUNTY OF KAUAI

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

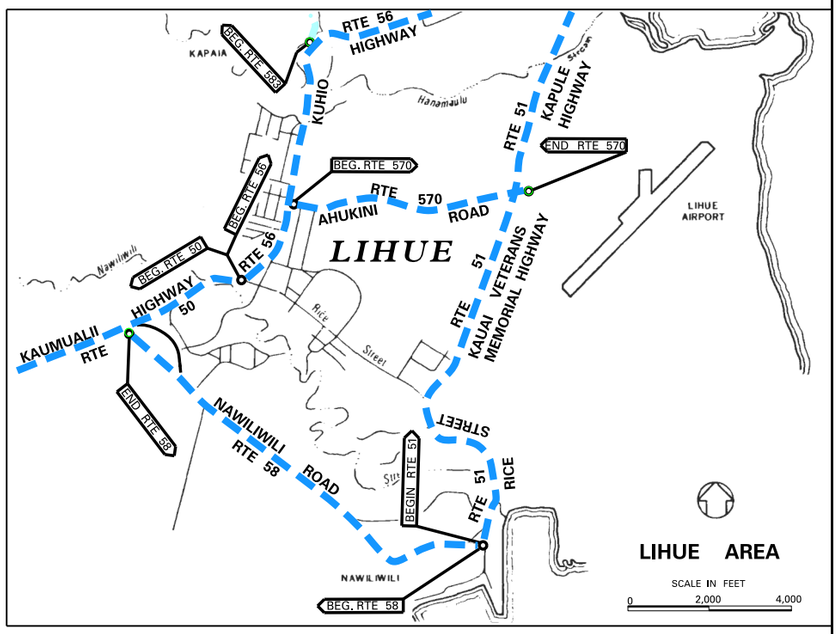
DECEMBER 2021



SEE INSET MAP

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	D.R.
May 06	D.R.
Jan. 07	D.R.
Feb. 11	D.R.
Feb. 12	D.R.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
Dec. 14	E.P.J.
Jan. 16	E.P.J.
Jan. 17	E.P.J.
Feb. 18	D.R.
Nov. 18	D.R.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

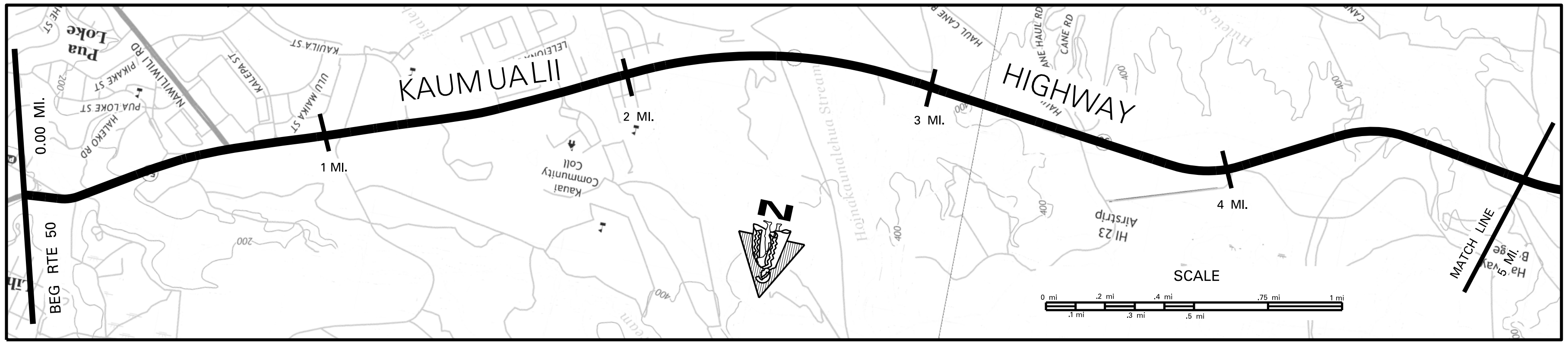
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 ____________



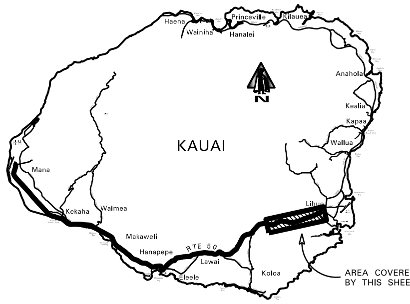
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left
Control of Access: 1–None, 2–Partial, 3–Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No., Type of Construction, and Year Constructed



▨ Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* Milepost Signage

SCALE: (In Miles) 4" = 1 mile

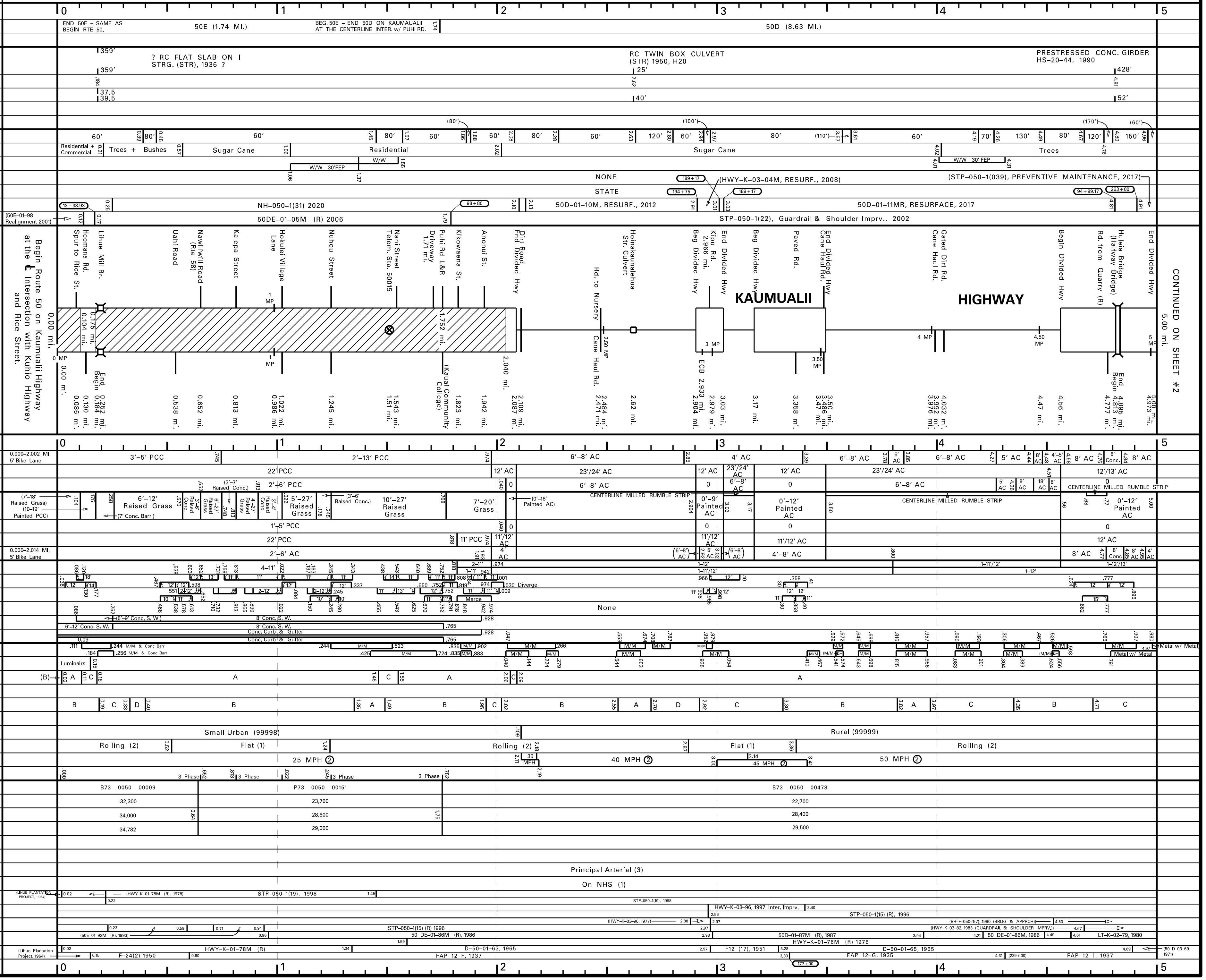
Divided Highway

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

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

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number — Conc. w/ Metal= C/M, Metal w/ Metal= M/M
Illumination: Type, Location and Number
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)
Superelevation (Range)
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
Terrain: 1–Flat, 2–Rolling, 3–Mountainous
Speed: 1–Design, 2–Posted
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year)
HPMS Sections – AADT 2020
HPMS Sections – AADT 2019
HPMS Sections – AADT 2018
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile



Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Sept. 06	D.B.
Mar. 09	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Jan 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

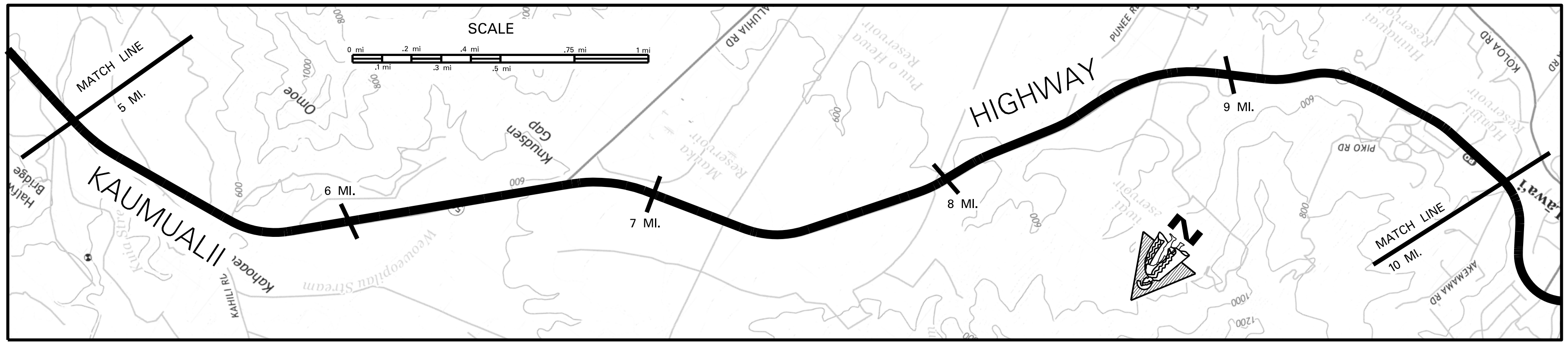
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

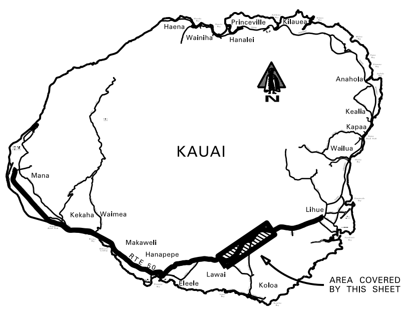
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

NEEDS STUDY ROUTE NO. ______________ FUNCTIONAL CLASSIFICATION ______________

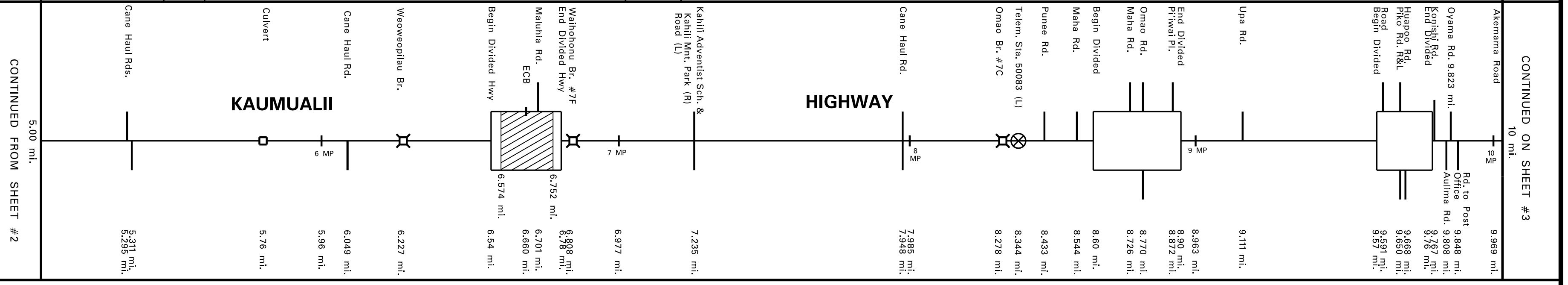


	SCALE: (In Miles) 4″ = 1 mile — 5 … 6 … 7 … 8 … 9 … 10
Maintenance Control Sections : Length and Description	50D (8.63 MI.)
Structure Carrying Road — Bridges (Over 20′): Length, Type, Capacity and Year Constructed	RC FLAT SLAB, H–15 (STR) 1937 39′ (6.23); RC FLAT SLAB, H–15 (STR) 1934 22′ (6.81); CONT. CONC. TEE, H–15 (STR) 1934 140′ (8.28)
Vertical Clearance	6.23; 6.81; 8.28
Horizontal Clearance	24′; 24′; 24′
Structure Over Road — Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60′ 5.45 100′ 5.76 60′ 6.36 65′ 6.56 60′ 7.54 (100′) 7.56 60′ 7.83 (100′) 7.87 60′ 8.16 (200′) 8.22 80′ 8.52 60′ 8.85 (80′) 8.87 100′ 9.00 60′ 9.14 90′ 9.42 100′ 9.57 (130′) 9.59 9.63 (60′) 70′ 9.73 9.77 80′ 9.93 (100′) 9.95 (120′)
Available Right of Way Width (Needs Study)	Trees 5.33 Sugar Cane 7.96 Bushes & Trees
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	(STP–050–1(24), GUARDRAIL/SHOULDER IMPRV., 2005); 241+00 STP–050–1(039), PREVENTIVE MAINTENANCE, 2017
Project No., Type of Construction, and Year Constructed	STP–050–1(22), 2002 Guardrail & Shldr. Imprv. 5.42 5.56 STP–050–1(22), 2002 Guardrail & Shldr. Imprv. 7.00 ← 7.19 (HWY–K–01–91M (R), 1991) STP–050–1(038), MARKINGS AND SIGNAGE, 2017



▨ Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



	SCALE: (In Miles) 4″ = 1 mile — 5 … 6 … 7 … 8 … 9 … 10
Divided Highway — Undivided — Shoulder: Width and Type	8′ AC 5.42 4′ AC 7.85 6′ AC 8.25 3′ AC 8.71 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 5.35 18′ AC 4′ AC; 0; 4′ AC; 0; 4′ AC; 0; 4′ AC
Median: Width and Type	CENTERLINE MILLED RUMBLE STRIP .00 (0′–8′ Painted AC) .54; 6′–12′ Flush Grass .752 .78 (6′–0′ Painted AC) CENTERLINE MILLED RUMBLE STRIP .60; 0′–11′ Painted AC .90 CENTERLINE MILLED RUMBLE STRIP .57; 0′–8′ Painted AC .76 .85 CENTERLINE MILLED RUMBLE STRIP
Shoulder: Width and Type	.574 0; 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	.671 2–11′ .60 2–12′ .830 .857
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.528 18′ .671; 12′ Truck Climb Lane .955 .206; 13′ Truck Climb Lane .622 .877; .650 9′ .700; .830 .857 Bus
(Right Side)	12′ Truck Climbing Lane .020 .247 Merge .399; .617 12′ .701; .726 .742 11′ .696 .770 11′; 9′ 9′ .729 .770 .825; .607 11′ 12′ .621 .650; Bus .854 .885
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	None
Curb and/or Gutter: Type (Right and Left)	.091 Conc. Gutter .304; .607 4′ AC Gutter .965
Protective Devices: Type, Location and Number — ALL METAL RAILS ON METAL POSTS	.095 .370 .560 .752 .793 .208 .244 .247 .320 .411 .581 .714 .839 .960 .011 .103 .157 .394 .433 .558 .649 .729 .819 .867 .922 .978 .066 .271 .341 .463 .540 .703 .757 .001 .089 .319 .460 .515 .555 .597 .645 .886 .973
Illumination: Type, Location and Number	.375 .567 .751 .794 .191 .249 .710 .833 .945 .002 .086 .129 .556 .627 .718 .773 .853 .894 .978 .052 .203 .312 8.44 M.V. 8.55 .963 .086 9.20 .516 .552 9.65 M.V. 9.83 .876 .976
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A 5.60 B 5.80 A 7.32 B 7.52 A 9.13 B A 9.25 B 9.39 A 9.70 B 9.76 A 9.97 ←(B)
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	C 5.68 A 5.83 B 6.43 C 6.68 B 7.06 C 7.39 A 7.53 C 8.37 A 8.56 C 8.66 D 8.98 B 9.08 C 9.52 D 9.68 B 9.97 ←(A)
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999) .278 Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2) 7.97 Mountainous (3)
Speed: 1–Design, 2–Posted	50 MPH ② 9.47 45 MPH ② 9.48 9.47 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0050 00478; P73 0050 00835
HPMS Stations – AADT 2020	22,700; 13,900
HPMS Stations – AADT 2019	28,400 6.69 15,400
HPMS Stations – AADT 2018	29,500; 15,600
DOD Sections	
Census Tracts	
Functional Classification	Principal Arterial (3) 6.69 Minor Arterial (4)
National Highway System (NHS)	On NHS (1) 6.70 Not on NHS (0)
Previous Projects: Project No., Date and Limits	
Previous Projects: Project No., Date and Limits	STP–050–1(22), 2002 Guardrail & Shldr. Imprv. 7.00
	5.42 50D–01–99M (R), 2000 6.81
	STP–050–1(19), 1998 5.44; 7.17 50D–01–00M, Resurf., 2002 8.54
(BR–F–050–1(7) (BRIDGE & APPROACH), 1990)→	5.42 (50D–01–98, Accel. Ln., 2000)— 6.39 → 6.70 6.81 HWY–K–01–91M (R), 1991 (50CD–01–87M (R), 1987)–8.27→ 8.45 50 D–01–86 (GUARDRL., SHLDRS.) 1986 9.84
	HWY–K–03–82 (GUARDRAILS & SHOULDER IMPROVEMENTS), 1983 8.31
(LT–K–02–79, 1980)→	5.01 5.41 50 D–02–88M (R), 1988 6.81 (50 CD–01–75M, 1975)— 8.30 → 8.55 STP–050–1(11), R, 1993
	HWY–K–01–76M (R), 1976 6.53 6.57 50 CD–01–75M, 1975 7.86 8.54 50D–02–76, R, 1976 8.95
	50–D–03–69, 1971 5.36 D–50–01–64, 1964 5.88 K–01–72, 1972 6.39
	269+00 WHP–12H, 1935–1937 6.65; 7.86 50D–01–67, 1968 8.27; 102+92 164+08 124+55
(FAP 12 I, (1937))→	5.06 6.53 353+03 0+00 NRH–12B, 1933 (67+04) 7.92 50 CD–01–70, 1974 8.29 NRH–128, 1933 8.55 8.59 50D–01–90M, 1990 8.92 8.96 50CD–01–75M, 1975; 179+70 (50D–01–67, 1968)

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

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Sept 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Jan 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY

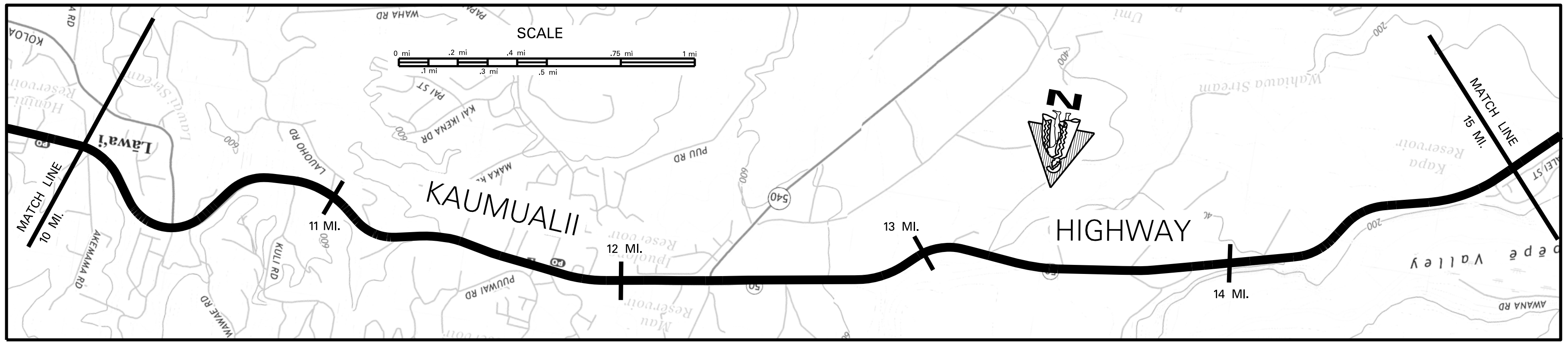
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

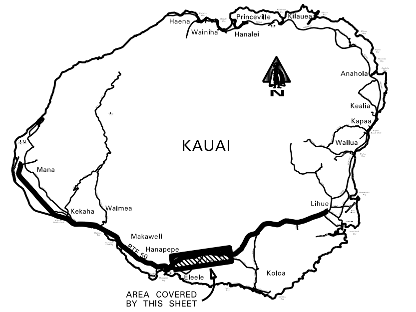
Total Designated Route Length:	32.918	MILES (a+b)
a. Existing Length:	32.918	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. ______________ FUNCTIONAL CLASSIFICATION ______________



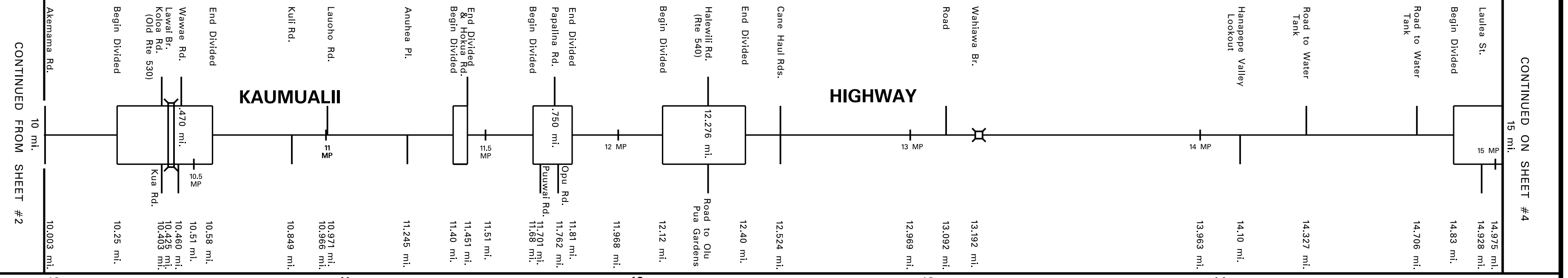
SCALE: (In Miles) 4" = 1 mile — 10, 11, 12, 13, 14, 15

Item	Entries (MP 10 to 15)
Maintenance Control Sections: Length and Description	50D (8.63MI.) | 10.37 ← BEG. 50 D & END 50 C ON KAUMUALII HWY. 100' EAST OF CENTERLINE INTERSECTION OF KOLOA RD. | 50 C (6.65MI.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	10.43: PRESTRESSED CONC. GIRDER 2003, HS–20–44 *BRIDGE WIDENING 112' 13.19: CONT. CONC. FRAME 1936 (STR) ESH15 180'
Vertical Clearance	
Horizontal Clearance	10.43: 60' 13.19: 24'
Structure Over Road — Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	120' 10.06 110' 10.16 80' 10.26 100' 10.41 80' 10.51 90' 10.59 120' 10.71 210' (150') 10.78 10.79 (110') 10.82 10.86 (100') 80' (90') 11.07 (110') 11.10 11.14 120' 11.24 (170') 11.28 11.31 (135') 70' 11.59 60' 11.97 100' 12.05 60' 12.81 90' 13.11 100' 13.23 135' 13.29 (125') 13.31 100' 13.42 60' 13.50 70' 13.65 80' 14.74 60'
Available Right of Way Width (Needs Study)	10.61 Bushes & Trees 13.46 Clear 1000' Sugar Cane
Right of Way Fence: Type – Right and Left	11.70 – 11.76 (Chain Link); 14.18 W/W 14.38
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	66+00; 34+75 STP–050–1(038), MARKINGS AND SIGNAGE, 2017; 95+41
Project No., Type of Construction, and Year Constructed	STP–050–1(039) PREVENTIVE MAINTENANCE, 2017 | 10.41 50C–01–15M, RESURFACE, 2017 | 12.32 50C–01–07M, (R), 2009 | 13.47 STP–050–1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005



Road Diagram

* MP=Milepost Signage



SCALE: (In Miles) 4" = 1 mile — 10, 11, 12, 13, 14, 15

Item	Entries (MP 10 to 15)
Undivided — Shoulder: Width and Type	4' AC 10.23 6' AC 10.59 4' AC 11.47 6' AC
Undivided — Pavement: Width and Type	24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC
Undivided — Shoulder: Width and Type	4' AC | 0 | 4' AC 11.23 7' AC | 0 | 7' AC | 0 | 4'–6' AC | 0 | 6' AC | 0
Divided Highway — Median: Width and Type	CENTERLINE MILLED RUMBLE STRIP .25 | 0–10' Painted AC .58 | (0'–6' Painted AC) .40 | .45 .68 0'–11' Painted AC .81 | .12 0'–13' Painted AC .40 | .83 0'–10' Painted AC
Shoulder: Width and Type	0 | 0 | 0 | 0 | 0
Pavement: Width and Type	12' AC | 12' AC | 12' AC | 12' AC | 12' AC
Shoulder: Width and Type	4' AC 10.44 4'–5' AC | 7' AC | 4'–8' AC | 6' AC | 6' AC
Number of Traffic Lanes	.085 .374 .403 .13 .470 | .721 .762 | .363 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' Truck Climbing Lane 11' 12' .504 | .420 .451 .493 | .701 11' 11' .795 | .276 11' 12.42 12' Truck Climbing Lane 13.03 | .902 12' 10' .014
(Right Side)	.330 12' .403 .365 12' | 10' 10' | 11' .711 .750 | .198 11' .276 12' .322 .236 12' | .855 12' .928
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)	.091 .221 .310 .464 Conc. Gutter .568 .706 .783 .844 .891 | .961 .008 | .096 .282 | .546 .570 | .443 .534
Protective Devices: Type, Location and Number — Metal Rails on Metal Posts	.466 .534 .612 .867 .896 .934 .498 | .347 .499 | .802 .256 | .683 .726 | .917 .170 | .337 .492 | .548 .775
Illumination: Type, Location and Number	.103 .133 .321 .452 .706 .781 10.84 M.V. 10.99 .096 .166 .189 .240 11.45 M.V. 11.90 .966 .041 | .545 .569
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 10.16 A 10.23 C 10.53 A 10.63 C 10.79 A 10.85 B 11.07 A 11.10 C 11.27 A 12.77 B 12.94 A 12.97 B 13.14 A 14.21 B 14.34 A 14.40 B 14.57 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 10.14 D 10.32 B 10.73 C 10.99 D 11.60 B 12.05 A 12.39 C 12.54 D 13.09 A 13.31 B 13.87 C
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Mountainous (3) 11.56 Rolling (2) 13.46 Flat (1) 13.79 Mountainous (3) 14.86 Rolling (2)
Speed: 1–Design, 2–Posted	35 MPH ② 11.37 11.40 25 MPH ② 11.95 11.96 35 MPH ② 12.39 12.49 50 MPH ② 14.69 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	.403 TRAFFIC LIGHT, 3 PHASE | .750 TRAFFIC LIGHT, 4 PHASE
Traffic Stations (Current Year)	P73 0050 00835 | B73 0050 01096 | B73 0050 01227
HPMS Sections – AADT 2020	13,900 | 17,700 | 12,400
HPMS Sections – AADT 2019	15,400 10.40 | 20,900 | 15,067
HPMS Sections – AADT 2018	15,600 | 21,012 12.27 | 14,892
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) 10.23 → 10.29 STP–050–1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005
	50CD–02–00M RESURF 2002 10.23 STP–050–1(17) WIDENING 2003 10.57 50C–01–01M 2004 RESURFACE 12.32 12.31 50C–01–07M, (R), 2009 13.47 14.79 50C–02–01M (R) 2004
	STP–050–1(9) (WIDENING), 1996 12.44 13.45 50C–01–00M (R), 2000
	STP–050–1(11) (R), 1993 10.43 50C–01–90M (R), 1991 11.82 HWY–K–01–91M, 1991 12.06 STP–050–1(9), 1995 12.98 HWY–K–01–91M (R), 1991 13.48 50C–01–87M (R), 1987 14.83 50C–01–90M (R), 1991
	(STP–050–1(11), R, 1993) (50CD–01–87M (R), 1987) 12.38 STP–050–1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995
	10.24 10.43 10.45 (HWY–K–01–77M(R), 1977) 13.48 50C–01–87M (R), 1987 14.83
	10.04 10.10 HWY–K–01–87 SECTION 1 (GARDRAIL & SHLD, IMPRV.), 1987 11.54 11.82 HWY–K–01–91M (R), 1991 12.96 13.14 13.21 13.24 (HWY–K–01–77M(R), 1977) 13.53 14.67 HWY–K–01–77M (R), 1977
	50D–01–67, 1968 10.35 50 CD–01–75M, 1975 11.68 50D–01–67, 1968 11.88 37+84 40+00 50–D–02–67, 1967 0+00 75+00 13.46 96+00 50A–01–71, 1970
	(50CD–01–75M, 1975) → 87+56 ← 10.37 157+76 (50CD–01–70, 1974) NRH–12B, 1933 0+00 11.71 NRH–12C, 1935 12.40 50 CD–01–70, 1974 13.15 NRH–12D, 1935 13.53 FAP 12J, 1938

SCALE: (In Miles) 4" = 1 mile — 10, 11, 12, 13, 14, 15

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Dec. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Aug. 12	E.P.J.
June 13	D.B.
Dec. 13	E.P.J.
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

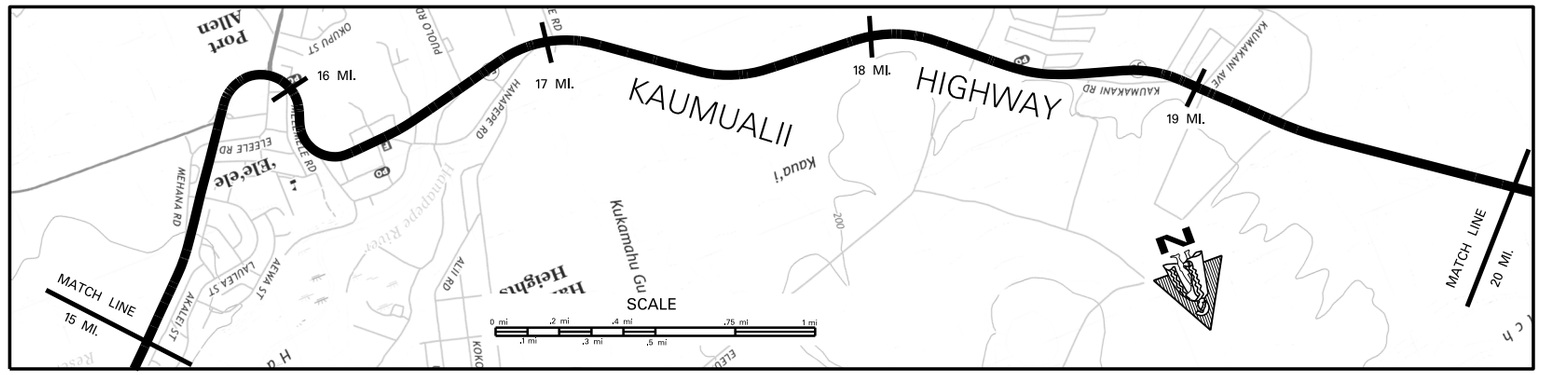
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 _____

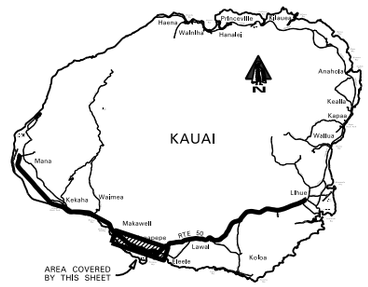


SCALE: (In Miles) 4" = 1 mile

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.; 50 B (7.46 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1939, H15 44' 16.26; TEE BEAM 1938, H20 277' 16.57
Vertical Clearance: 38'
Horizontal Clearance: 24'
Structure Over Road — Vertical Clearance: RC FLAT SLAB ON STEEL (PED. O.P.), 1939; RC FLAT SLAB (PED. O.P.), 1948 15'-11"; RC DECK GIRDER (RD), 1948 15'-02"
Horizontal Clearance: (90') 17.07; 31' 18.76; 40' 19.04

Right of Way Width (min.-max.) if varies: 60' 15.17; 80'; 90' 15.87; 110' 16.64; 80' 18.33; 80' 17.05; 80'; 114' 18.81; 80' 18.86; 80'; 140' 19.04; 80' 19.14; 100' 19.26; 80' 19.70; 80' 19.88; 120' 19.95; 80'
Available Right of Way Width (Needs Study): Clear 1000' Sugar Cane 15.26; Wood 15.50; Wire on Wood 15.61; 15.26; Commercial/Residential (w/ Sugar Cane); 17.09; Clear 1000' – Open Field; 18.42; Residential 18.69; Sugar Cane 19.51; 19.95; 20.22
Right of Way Fence: Type – Right and Left
Control of Access: 1–None, 2–Partial, 3–Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
Project No., Type of Construction, and Year Constructed: 212+00 15.68; 262+50 16.63; 282+80 17.01; STP-050-1(038), MARKINGS AND SIGNAGE, 2017
Project No., Type of Construction, and Year Constructed: STP-050-1(24), GUARDRAIL & SHLDR. IMPRV., 2005; 50C-03-07M, REPAVEMENT, 2013; 50C-02-15M, RESURFACE, 2018; STP-050-1(040), PREVENTIVE MAINTENANCE, 2016



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #3 — CONTINUED ON SHEET #5

End Divided; Begin Divided; Mahea Rd.; Laulea St.; End Divided; Ulaula Rd.; Mehana Rd.; Eleele Rd.; Spur; Halewili Rd. (Rte 540); Wahalo Rd. (Rte 541); Begin Divided; Pedestrian O.P. End Divided; Puna Rd.(R) Road(L); Centerline Headwall; Hanapepe Rd.; Puna Rd.; Hana Rd.; Kona Rd.; Hanapepe Br.; Iona Rd.; Begin Divided; Puolo Rd.; Mol Rd.; Begin Divided; Culvert 16.934 mi.; End Divided; End Divided; Lele Rd.; Hanapepe Rd.; Begin Divided; Culvert; Village Rd.; Kaumakani; Kaumakani; School Rd.; End Divided; Pedestrian O.P.; Begin Divided; Paved Rd.; Kaumakani Sch. Rd.; Paved Rd.; Begin Divided; Paved Rd.; Makaweli Ave.; End Divided; Cane Haul Rds.; Road O.P.

15 mi. 15.07 mi.; 15.40 mi.; 15.473 mi.; 15.56 mi.; 15.583 mi.; 15.642 mi.; 15.703 mi.; 15.769 mi.; 15.84 mi.; 15.928 mi.; 15.983 mi.; 15.935 mi.; 15.993 mi.; 16 MP; 16.232 mi.; 16.251 mi.; 16.289 mi.; 16.256 mi.; 16.231 mi.; 16.412 mi.; 16.454 mi.; 16.492 mi.; 16.541 mi.; 16.573 mi.; 16.524 mi.; 16.452 mi.; 16.431 mi.; 16.50 MP; 16.73 mi.; 16.711 mi.; 16.701 mi.; 16.802 mi.; 16.831 mi.; 16.920 mi.; 16.934 mi.; 17 MP; 17.06 mi.; 17.025 mi.; 16.975 mi.; 16.943 mi.; 17.085 mi.; 17.02 mi.; 17.355 mi.; 17.885 mi.; 18 MP; 18.328 mi.; 18.45 mi.; 18.536 mi.; 18.54 mi.; 18.628 mi.; 18.746 mi.; 18.911 mi.; 18.918 mi.; 18.931 mi.; 18.947 mi.; 19 MP 18.931 mi.; 19.023 mi.; 19.037 mi.; 19.12 mi.; 19.259 mi.; 19.267 mi.; 19.510 mi.; 19.959 mi.; 20 MP 20 mi.

KAUMUALII HIGHWAY

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided:
Shoulder: Width and Type: 6' AC; 8' AC; 6'-14' AC
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
Shoulder: Width and Type: 0; 6' AC; 0; 6' AC; 0; 8' AC; 6' AC; 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' 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
Pavement: Width and Type: 11' AC; 11' AC; 11' AC; 11' AC; 11' AC; 11' AC
Shoulder: Width and Type: 6' AC; 6' AC; 6' AC; 6'-14' AC; 4' AC; 6'-14' AC; 9' AC

Number of Traffic Lanes: 2-11'; 1-12' 1-11'; 2-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' Bus; 10'; 11'; 10'; 12' Bus; 10'
(Right Side): 10'; 12'; 12'; 12' Bus; 12'; 12'
Frontage Road: No. of Lanes, and Width (Right and Left): None
Sidewalk: Width and Type (Right and Left): 4' Conc.; 3' Conc.
Curb and/or Gutter: Type (Right and Left): Curb + Gutter; Conc.; Conc. Curb
Protective Devices: Type, Location and Number: All Metal w/ Metal
Illumination: Type, Location and Number: 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; D; A; 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): C; B; A; B; A; B; D; B; C; B; A; B; A; B; C; B
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Small Urban (99998); Rural (99999)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Rolling (2)
Speed: 1-Design, 2-Posted: 35 MPH (2); 45 MPH (2); 50 MPH (2); 45 MPH (2); 35 MPH (2); 45 MPH (2); 50 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing: 2 PHASE
Traffic Stations (Current Year): B73 0050 01227; B73 0050 01569; B73 0050 01592; B73 0050 01702; P73 0050 02237
HPMS Sections – AADT 2020: 12,400; 15,400; 13,046; 10,300; 9,900
HPMS Sections – AADT 2019: 15,067; 18,390; 18,898; 12,903; 11,800
HPMS Sections – AADT 2018: 14,892; 18,100; 18,600; 12,700; 11,900
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; (HWY-K-02-88 (IMPRV.), 2000); (HWY-K-02-98 (IMPRV.) 2000); STP-050-1(24), GUARDRAIL & SHLDR. IMPRV., 2005; 50C-02-01M (R) 2004; STP-050-1(10), 1993; (HWY-K-01-07M, PAVE, MARK., 2007); STP-050-1(18), 1997; (STP-050-1(14), 1998); STP-050-1(12) (GUARDRAILS & SHLDR. IMPRV.), 1995; 50C-01-90M (R), 1991; (HWY-K-01-77M (R), 1977); (50B-01-74, 1974); 50B-02-93M (FOG SEALING), 1994; HES-050-1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990; 50A-01-71, 1970; 50A-01-71, 1971; 50-01-79 SAFETY IMPRV, 1982; SD-65-364, 1965; FAP 12, 1938; FAP 29B (1), 1938; 50B-01-86M (R), 1986; FAP-F29(4), 1946

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

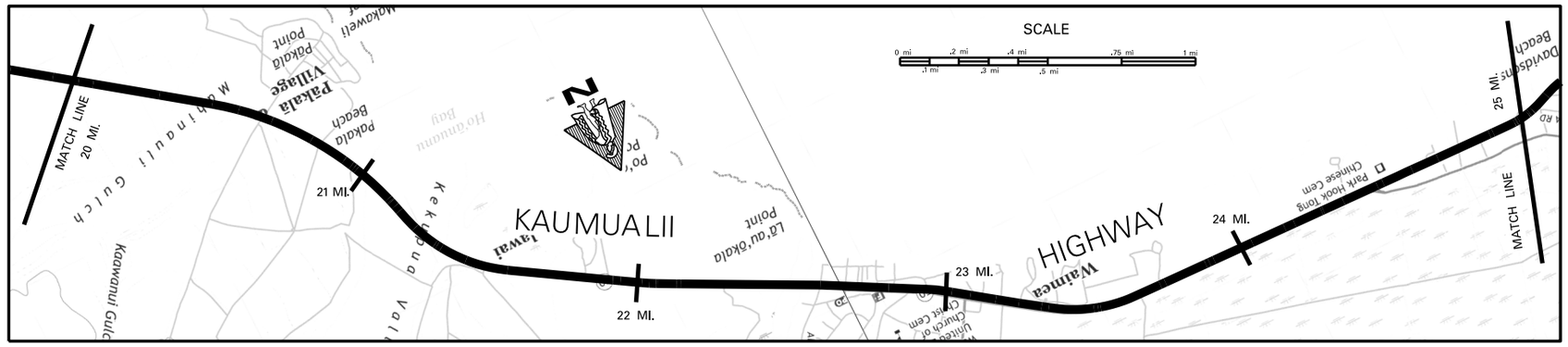
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 50 B (7.46 MI.); END 50 A – BEG 50 B ON KAUMUALI'I HWY. AT THE CENTERLINE INTERSECTION WITH KEKAHA RD. (24.486); 50 A (8.45 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- TEE BEAM 1948, H20 115' (20.34)
- TEE BEAM 1948, H20 50' (21.03)
- TEE BEAM 1948, H20 75' (21.36)
- TEE BEAM 1940, H20 365' (22.47)

Vertical Clearance: 26' | 26' | 26' | 24'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' | 120' (20.13–20.44) | 80' | 120' (20.87–20.96) | 100' (20.96–21.06) | 80' (21.06–21.40) | 90' (21.40–21.98) | 80'

Available Right of Way Width (Needs Study): Sugar Cane | Trees + Bushes (21.98–22.00) | Sugar Cane (22.00–22.63) | Residential/Commercial (22.63–22.96) | Residential (22.96–23.36) | Ranch/Pasture (L), Sugar Cane (R) (23.36–24.01) | Trees & Bushes | (Residential (R) Beach (L)) (24.63)

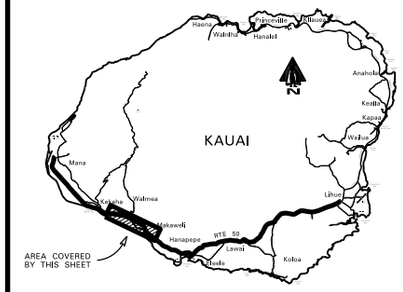
Right of Way Fence: Type – Right and Left: W/W 20' (21.40–21.90); W/W 20' (21.90–22.20); W/W 20' (22.96–23.36); WW / WOOD / WW (23.36–24.01)

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

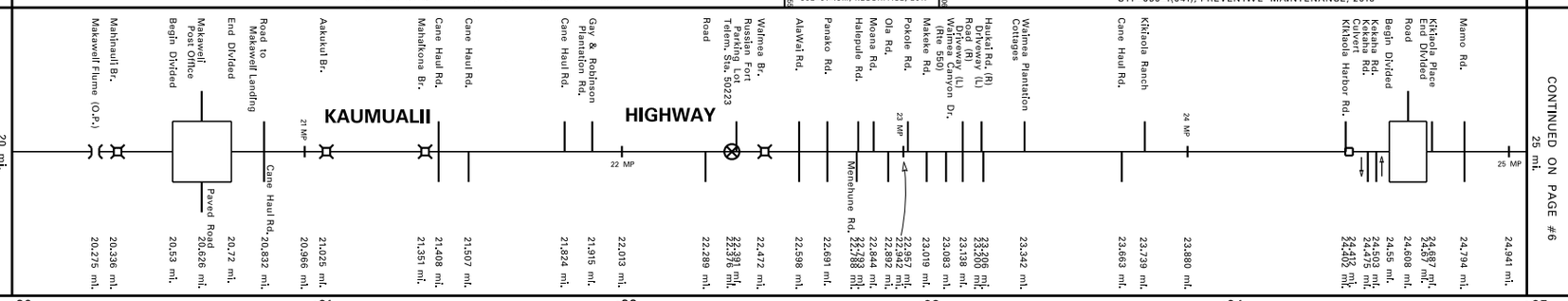
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: STP–050–1(038), MARKINGS AND SIGNAGE, 2017 (190+00)

Project No., Type of Construction, and Year Constructed: STP–050–1(040), PREVENTIVE MAINTENANCE, 2016; 50B–01–15M, RESURFACE, 2017 (11+9.38); STP–050–1(041), PREVENTIVE MAINTENANCE, 2016



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 6'–14' AC | 0 | 8' AC (23.21–23.36) (6' AC) | 4' AC

Pavement: Width and Type: 24' AC | 12' AC | 24' AC | 23' AC | 22' AC | 11' AC | 22' AC

Shoulder: Width and Type: 6' AC | 0 | 6' AC | 0 | 4' AC | 0 | 4' AC

Divided Highway

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

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

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

Number of Traffic Lanes: 2–12' | 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.; 4' Conc.

Curb and/or Gutter: Type (Right and Left): Conc. Curb; Conc. Curb; Conc. Curb (Conc. Curb + 2' Conc. Gutter); Conc. Curb (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 (2); 45 MPH (2); 35 MPH (2); 50 MPH (2); 35 MPH (2); 25 MPH (2); 35 MPH (2); 45 MPH (2); 50 MPH (2); 45 MPH (2); 35 MPH (2)

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

Traffic Stations (Current Year): P73 0050 02237; B73 0050 02269; B73 0050 02320; B73 0050 02568

HPMS Sections – AADT 2020: 9,900 | 9,900 | 6,795 | 6,300

HPMS Sections – AADT 2019: 11,800 | 11,887 | 9,246 | 6,909

HPMS Sections – AADT 2018: 11,900 | 11,700 | 9,100 | 6,800

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits
- STP–050–1(040), PREVENTIVE MAINTENANCE, 2016
- 50B–01–06M, REHABILITATION, 2014
- STP–050–1(25), GUARDRAIL/SHOULDER IMPR., 2005
- (HWY–K–02–98 (IMPRV.) 2000) – STP–050–1(18), 1997
- 50B–01–00M, Resurf., 2003
- STP–050–1(12) (GUARDRL. & SHLDR. IMPRV.), 1995
- STP–050–1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995
- 50B–02–93M (FOG SEALING), 1994
- (HES–050–1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990)
- 50B–01–92M (R), 1992
- STP–050–1(10) (R), 1993
- 50B–01–67, 1967
- BD 66–341 (R) 1967
- (F–050–1(1), 1957)
- BD 66–341 (R), 1967
- STP–050–1(13) (R), 1995
- 50B–01–86M (R), 1986
- HW–K–01–78M (R), 1978
- LT–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.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

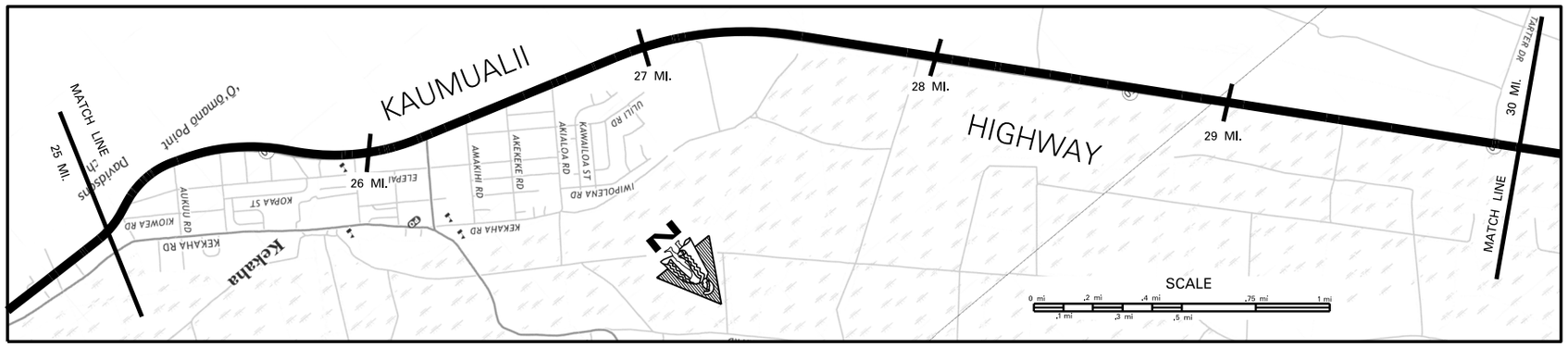
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 32.918 MILES (a+b)
- a. Existing Length: 32.918 MILES
- b. Proposed Length: 0.00 MILES

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC CONT. FLAT SLAB (CNL) HS–20, 1957 (27.22); RC FLAT SLAB (CNL) 1957 (27.57)

Vertical Clearance: 68' (27.22); 33' (27.57)

Horizontal Clearance: 42' (27.22); 42' (27.57)

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' (25.55); 100' (26.81)

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

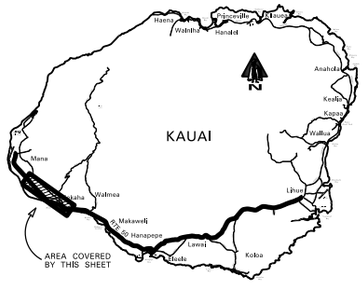
Right of Way Fence: Type – Right and Left: Wood 25' FEP (25.29, 25.71); WW 50' FEP (26.81, 28.29); WW 50' FEP (28.41, 28.71); WW 75' FEP (28.41, 29.96)

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

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

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

Project No., Type of Construction, and Year Constructed: STP–050–1(041), PREVENTIVE MAINTENANCE, 2016



Road Diagram
MP = Milepost Signage

CONTINUED FROM SHEET #5 — KAUMUALII HIGHWAY — CONTINUED ON SHEET #7

Akepa Rd. (25.009 mi.); Elepaio Rd. / Manu Rd. (25.124 mi., 25.098 mi.); Aukuu Rd. (25.356 mi.); Pueo 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., 27.217 mi.); Bridge #3 Road (27.570 mi., 27.562 mi.); Begin Divided / Cane Haul Rd. (27.881 mi., 27.963 mi.); Begin Divided / End Divided Road (28.03 mi., 28.242 mi.); Begin Divided / End Divided (28.41 mi., 28.31 mi., 28.34 mi.); Kekaha Landfill (28.695 mi.); End Divided (28.945 mi., 28.92 mi.); ECB Road (29.283 mi.); Cane Haul Rd. (29.34 mi., 29.419 mi.); Tartar Dr. (29.937 mi., 29.936 mi.)

26 MP; 27 MP; 28 MP; 30 MP

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 4' AC (25.08); 20' AC (25.30); (4' AC) (25.54); 5' AC; (34' AC) (27.15, 27.19); 4' AC; (28.31); 6' AC

Pavement: Width and Type: 22' AC; 11' AC; (22' AC); 11' AC; 22' AC

Shoulder: Width and Type: 4' AC; (26.03); 6' AC; (6' AC); 0; 6' AC

Divided Highway – Median

Median: Width and Type: MILLED CENTERLINE RUMBLE STRIP (26.54, 27.19); 0'–11' Painted AC (.03, .34); 0'–18' Painted AC (.41, .92); MILLED CENTERLINE RUMBLE STRIP

Divided Highway – Undivided

Shoulder: Width and Type: 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' (.642, .695, .781); 11' (.381, .283, .396)

(Right Side): 10' (.124, .903, .924); 11' (.242); 13' (.569, .695); 13' (.271)

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. (.092, .075, 25.55); (M.V.) (25.69, 25.67); M.V. (26.07, 26.27); (.201, .248, .296); (.594, .538, .599, .565)

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 (25.08); A (25.11, 25.28); B (25.34); 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) (27.1); Rural (99999)

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

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

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

Traffic Stations (Current Year): B73 0050 02568; B73 0050 02668; (B73 0050 02993)

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

HPMS Sections – AADT 2019: 6,909 (26.68); 4,369 (29.23); (1,321)

HPMS Sections – AADT 2018: 6,800; 3,876; (4,300)

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits:
- (F–050–1(1), 1957) (25.09); (BD 66–341 (R), 1967) (25.30, 25.34)
- STP–050–1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005
- 28.37 50AB–01–08M, Pav't Marking, 2009 28.92
- 25.11 ER–10(2) (STORM DAMAGE RECONSTRUCTION), 1984; 27.26
- 25.08 ER–11(2), 1997; 25.34 (F–050–1(1), 1957) 25.78; 25.84; 26.46 50E–03–68 (R), 1968; 27.08 HWY–K–01–82M (R), 1968; STP–050–1(12) (GUARDRL, & SHLDR, IMPRV.), 1995
- STP–050–1(12) (R), 1995; 28.42 50A–01–88M (R), 1990
- 26.23 BD 66–341 (R), 1967; (F–050–1(1), 1957); 50E–03–68 (R), 1968
- LT–K–03–80M (R), 1980 25.87; 26.46 50E–03–68 (R), 1968 27.21; 27.26 LT–K–03–80M (R), 1980 27.59 50 E–03–68 (R), 1968 28.30
- DAWR 1, 1942 – 1944; 27.28; DAWR 1, 1942 – 1944

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

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

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

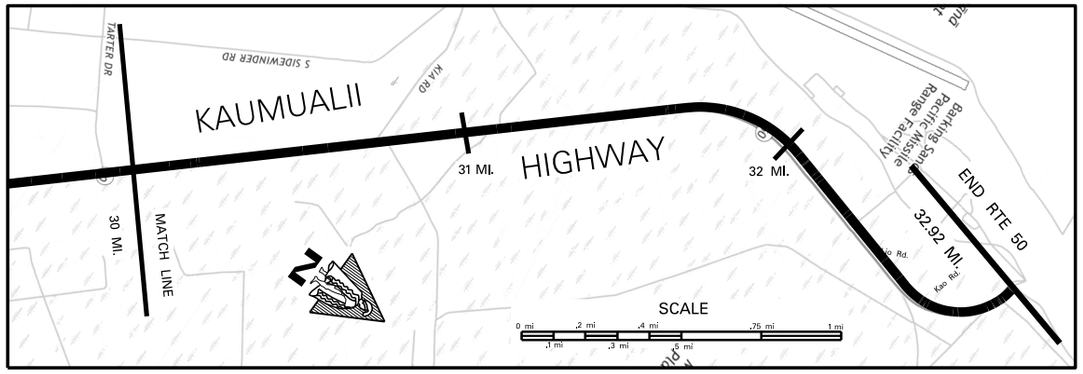
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 50 A (8.45 MI.); BEG. 50 A – SAME AS END RTE 50.

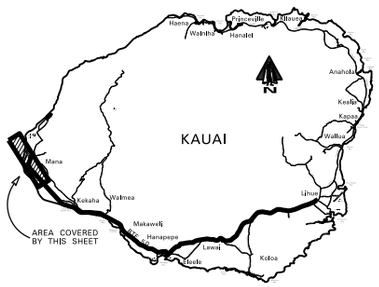
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC FLAT SLAB (CNL) HS–20, 1957 — 41' (31.14); RC FLAT SLAB (CNL) HS–20, 1957 — 41' (31.67)
Vertical Clearance: 42'; 42'
Horizontal Clearance:

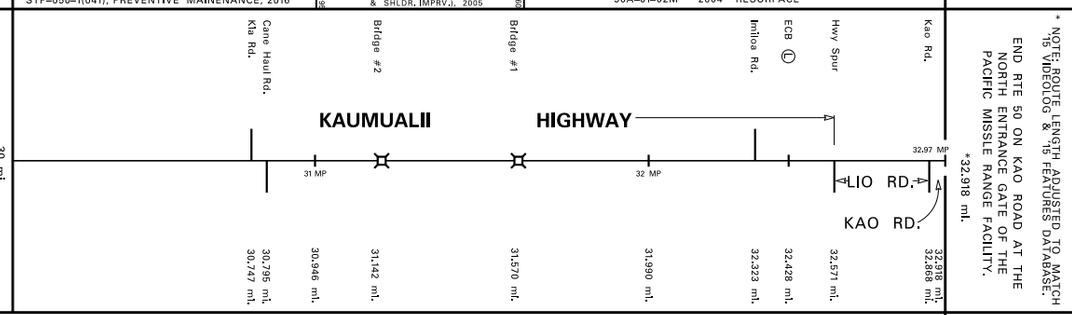
Structure Over Road

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 (133+00)
Project No., Type of Construction, and Year Constructed: STP–050–1(041), PREVENTIVE MAINENANCE, 2016 (30.96); STP–050–1(25), (GUARDRL. & SHLDR. IMPRV.), 2005 (31.60); 50A–01–02M 2004 RESURFACE



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

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

Divided Highway — Median

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 (.101, .101, .119, .119, .555, .555, .569, .569, .549, .549, .531, .531, .560, .560, .590, .590)
Protective Devices: Type, Location and Number: ALL GUARDRAILS METAL ON METAL
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; B (32.67, 32.78, 32.79); A
Superelevation (Range):
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): A
Vertical Curve: Crest or Sag, Curve Limits:
Area and Development: Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1)
Speed: 1–Design, 2–Posted: 50 MPH (2); (32.23, 32.23) 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 2020: 950; 240
HPMS Sections – AADT 2019: 1,321; 528
HPMS Sections – AADT 2018: 4,300; 520
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 (30.94); 50A–01–89M (R), 1990
DAWR 1, 1942 – 1944; (F–050–1(1), 1957) (31.17) (31.18); (31.61) (31.69); 50A–02–70 (R), 1970; (F–050–1(1), 1957) (32.54) (32.57)

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

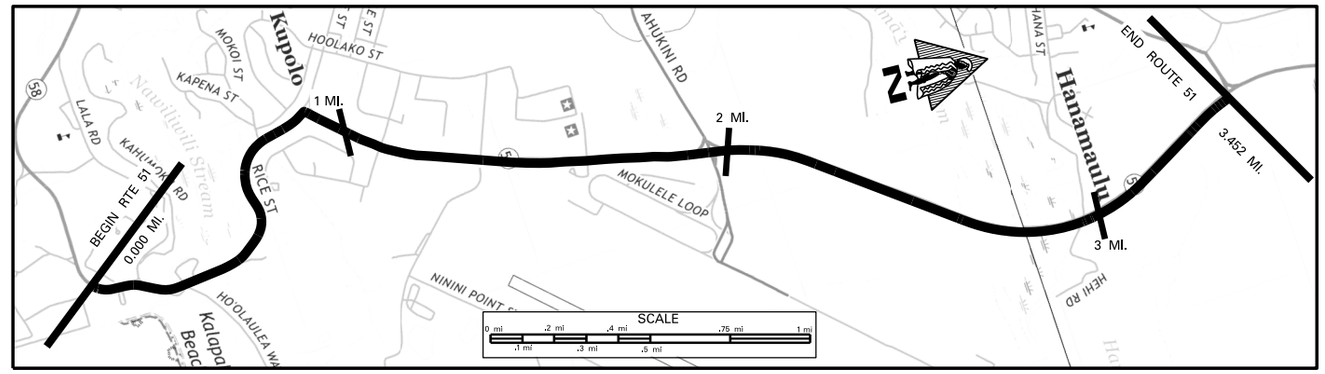
Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY
KAUAI RTE 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



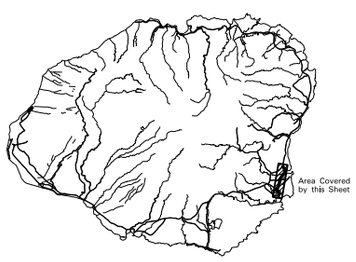
SCALE: (In Miles) 4" = 1 mile

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.) (1.96)

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

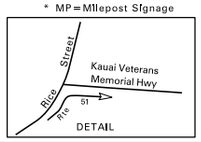
Structure Over Road
- **Vertical Clearance:**
- **Horizontal Clearance:**

Right of Way Width (min.-max.) if varies: 80' (0.01) 50' (0.38) 60' (0.00) 70' (0.65) 60' (0.77) 50' 100' (1.98) 160' (2.77) 150'-155' (2.48) 180' (2.67) 190' (2.15) 120'-165' (2.81) 205'-285' (2.91) 120'-195' (3.02) 180'-210' (3.35) 150'-165'
Available Right of Way Width (Needs Study): Res./Comm. (0.38) Trees & Bushes (0.93) Res./Comm. (1.77)
Right of Way Fence: Type - Right and Left: Wire (1.42)
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) (1.01) (56+29) (1.98)
Project No., Type of Construction, and Year Constructed: NH-051-1(10), R, 2002 (0.38); 51B-01-17M, 2019, PAVE, REPAIR (56+00); (134+35)
Project No., Type of Construction, and Year Constructed: STP-0700(38), 1998 (0.43) (0.74); STP-051-1(9), Imprv., 2000 (1.01) (1.26); DP-F-051-1(3), 1975 (1.74) (1.77); STP-051-1(20), Imprv., 2000 (2.13); NH-051-1(011), RESURFACE, 2014 (3.43)



Road Diagram

* MP=Milepost Sfgnage



Begin Rte 51 on Waapa Road at the Center Line with Nawiliwili Road Intersection. (Rte 58) — 0.000 mi.

Begin Divided; End Divided; Driveway (R); End Divided; Nawiliwili Br.; Begin Divided; Kalapaki Rd.; Begin Divided; End Divided & Rd. to Kauai Marriott Hotel; Begin Divided; Telem. Sta. 51007; Mokoi St.; Begin Divided; End Divided; Rice St.; Begin Divided; Halau St.; End Divided; Stadium (L); Road to Vidima; Ninini Point St. (R); Kauai Ver. Center; Begin Divided; Kaana St.; Cane Haul Rd.; Ahukini Rd. (Rte 570); Cane Haul Rd.; End Divided; Hanamaulu Viaduct; Begin Divided

ECB; 0.086 mi.; 1 MP; 2 MP; 2.5 MP; 3 MP; 3.49 MP

Waapa Rd. — Rice St. — Haoa 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.

* 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; 5' Bike Lane; 8' UTW; 8' PCC; 8' UTW; (8' AC)
- **Pavement: Width and Type:** (23'/24' AC); (11'/12' AC); 11'/12' AC; 23'/24' AC; (11'-12' AC); 23'/24' AC; 11'/12' AC; 23'/24' AC; 11' AC; 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; 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' PCC; 11' AC; 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); (5' Bike Lane); 10' PCC; 8'-10' PCC; 8'-10' AC; (8' UTW); (5' Bike Lane); 8' UTW; (8' AC)

Number of Traffic Lanes: 2-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10'; 12'; 12' Truck Climb Lane; 11' AUX. LANE
(Right Side): 12'
Frontage Road: No. of Lanes, and Width (Right and Left): None
Sidewalk: Width and Type (Right and Left): 5' Conc.; (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; (9' 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; 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 (-) 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 2020: 11,100; 13,300; 20,100
HPMS Sections - AADT 2019: 14,300; 14,800; 22,900
HPMS Sections - AADT 2018: 13,600; 15,400; 24,300
DOD Sections
Census Tracts
Functional Classification: Principal Arterial (3)
National Highway System (NHS): On NHS (1)
Previous Projects: Project No., Date and Limits:
(STP-058-1(2), Realign, 1993); (50E-05-69, 1969, Resurf. & Truck Climb); 51A-01-88M, (R) 1988; 51B-01-92M, (R) 1993; (570A-01-15M, 2017); 51B-01-00M, 2001, Imprv.; DP-F-051-1(3), 1975; F-051(7), 1988; DP-F-051-1(3), 1974; F-015-1(7), 1988; F-051-1(8), 1988; F-051-1(7), 1988; County; FAP E-12-A, 1932; 50E-05-69, 1969; (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

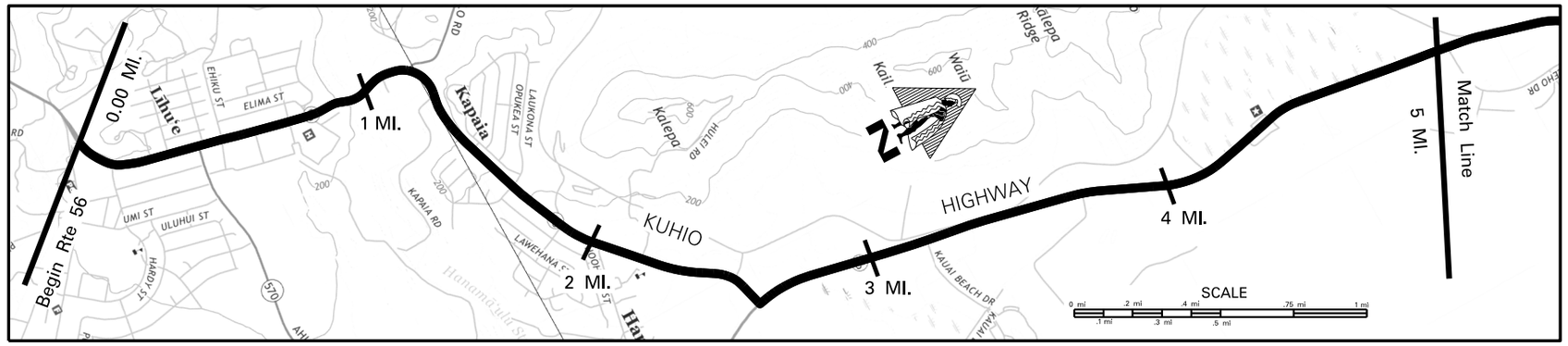
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

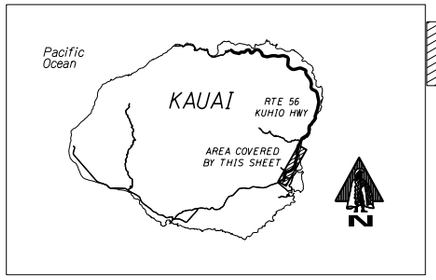
Total Designated Route Length: 28.119 MILES (a + b)
a. Existing Length: 28.119 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.119 MILES (a + b, less c)
a. Existing Length: 28.119 MILES
b. Temporary Length: None MILES
c. Length used as T.W. for another Route: None MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



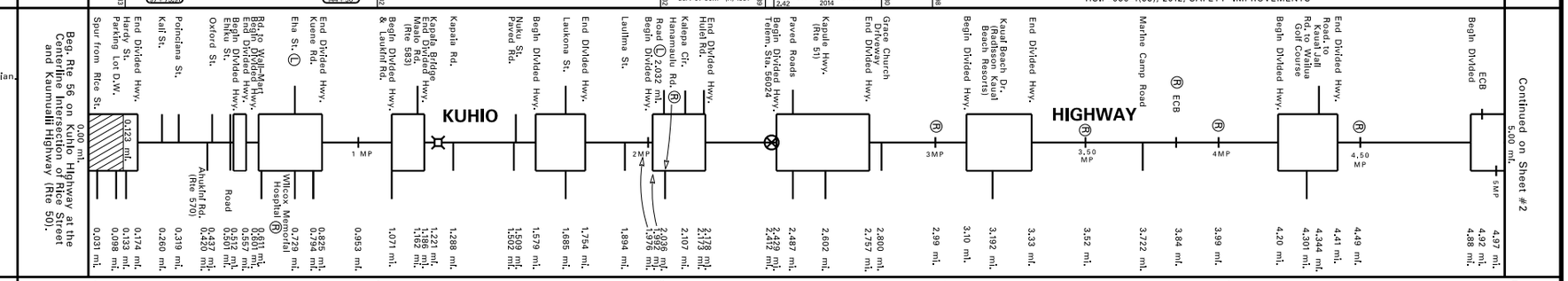
SCALE: (In Miles) 4" = 1 mile	0 1 2 3 4 5
Maintenance Control Sections : Length and Description	0.00 ← Begin 56A on Kuhio Hwy at the Centerline Intersection with Kaumualii Hwy and Rice St. · 56A (9.86 MI.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Tee Beam (STR) 1933 H15 · 157'
Structure Carrying Road – Vertical Clearance	1.22
Structure Carrying Road – Horizontal Clearance	27'
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	85' · 0.14 · 50' · 0.92 · 70' · 0.98 · 80' · 1.06 · 60' · 1.29 · 120' · 1.38 · 80' · 1.43 · 65' · 1.72 · 70' · 1.80 · 60' · 4.18 · 100'
Available Right of Way Width (Needs Study) (FEP = From Edge of Pav't)	Commercial / Residential · 2.24 · Clear 1000' – Sugar Cane 20' FEP
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't)	Chain Link 50' FEP · 0.80 · 0.85
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	(56A–01–04M, RESURF., 2005) · 133+47.30 · 139+00 · 144+50 · State · 238+00
Project No., Type of Construction, and Year Constructed	(50E–01–98, 2001 (REALIGNMENT)) → 0.12 · 56A–01–00M 2004 RESURFACE · 0.80 · 0.91 · 1.01 · 56A–01–04M, RESURF., 2005 · 223+82.59 · 2.42 · 2.75 · 250+00 · 250+00 · NH–056–1(058), RESURFACE, 2019
Project No., Type of Construction, and Year Constructed	0.13 · 97+75.91 · 144+50 · 1.02 · 2.02 · 56A–01–90M (R) 1991 · 2.39 · HSIP–056–1(54) INTER. IMPRV. 2.42 2014 · 2.80 · 2.98 · HSIP–056–1(53), 2012, SAFETY IMPROVEMENTS

▨ Indicates Grass & / or Physical Barrier on Median.



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile	0 1 2 3 4 5
Undivided Highway – Shoulder: Width and Type	2'–8' AC · 0.10 · 0' · (20' AC) · (40' AC) · 2' AC · 0.78 · 2'–5' AC · 1.16 · 4' AC · 1.82 · 6'–10' AC · 2.17 · 4' AC · 2.40 · 6'–8' AC · 2.79 · 40' AC · 2.87 · 6' AC
Undivided Highway – Pavement: Width and Type	24' AC · (20' AC) · 40' AC · 20' AC · 30' AC · .000 · 22' AC · 11' AC · 22' AC · 11' AC · 22' AC · 11' AC · 22' AC · 12' AC · .602 · 10' AC · 30'/33' AC · 10'/11' AC · 30'/33' AC · 10'/11' AC · 30'/33' AC · 10'/11' AC
Undivided Highway – Shoulder: Width and Type	0' · 0.14 · 0' · 0' · 0' · 0' · 0' · 1.03 · 4' AC · 0' · 2'–4' AC · 1.52 · 4' AC · 0' · 7' AC · 0' · 4' AC · 2.38 · 0' · (8' AC) · 2.80 · 6' AC · .10 · 0' · .33 · 6' AC · .20 · 0' · .41 · 6' AC · .88 · 0'
Divided Highway – Median: Width and Type	6' Raised Conc. · .123 · .174 · (0'–10' Painted AC) · 0'–13' Painted AC · 0.51 · .557 · .601 · 0'–13' Painted AC · .825 · .071 · 0'–11' Painted AC · .186 · .579 · 0'–12' Painted AC · .754 · .992 · 0'–10' Painted AC · .178 · (8'–10' AC) · .429 · 0'–6' Painted AC · .757 · .75 Milled C/L Rumble Strip · .10 · 0'–11' Painted AC · .33 · .20 · 0'–11' Painted AC · .41 · .88 · 0'–11' Painted AC
Divided Highway – Shoulder: Width and Type	0' · 0' · 0' · 0' · 0' · 0' · 0' · 0' · 0' · 0'
Divided Highway – Pavement: Width and Type	24' AC · (20' AC) · 20' AC · 20' AC · .662 · 10' AC · 11' AC · 11' AC · 11' AC · 12' AC · .646 · 20'/21' AC · 20'/22' AC · 20'/22' AC · 20'/22' AC
Divided Highway – Shoulder: Width and Type	0' · 0.14 · 0.23 · 0' · 0' · 4' AC · 1.15 · (2–4'' AC) · 4' AC · 1.73 · (7' AC) · (7' AC) · 2.02 · 4' AC · 8'–10' AC · 2.53 · 8' AC · 6' AC · 6' AC · 6' AC
Number of Traffic Lanes	4–12' · .140 · 4–10' · .662 · 2–10' · 1–10' · .000 · 2–11' · .059 · .107 · Bus .079 · .429 · 1–12' · .602 · 1–12' · .646 · 1–10'/11' · 2–10'/11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' · .100 · 11' · .133 · .155 · 13' · .557 · .601 · 12' · .671 · .729 · .768 · 11' · .794 · AUX 11' · 11' · .120 · .14 · .18 · .685 · 11' · 11' · Bus · 12' · 12' · 13' · .160 · .602 · 12' · .702 (Same as Through Lane) · .15 · 11' · .192 · 11' · .25 · .26 · 11' · .301 · .33 · 11' · .96 · 11'
(Right Side)	.611 · 12' · .664 · 10' · 12' · 10' · Bus · .662 · .748 · .768 · .045 · .071 · .112 · 11' · .162 · 1.30 · .458 · 11' Truck Climbing Lane (R) · .563 · .629 · 11' · .733 · .757 · .779 · 10' · 11' · .007 · .032 · 11' · .071 · 11' · 11' · .014 · .036 · .063 · .107 · .144 · (Same as Through Lane) · 11' · 11' · 12' AUX · .544 · .602 · .646 · .09 · 11' · .192 · 11' · .26 · 11' 11' · 11' · .27 · .301 · .32 · .344 · .37 · .96 · 11'
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	13' Conc. · .107 · 6' Conc. · .350 · 4' Conc. · .803 · .008 · 6' Conc. · .171 · .088 .031 · 4'–6' Conc. · .790 · 4' AC · .027 · .666 · 4' Conc. · .029
Curb and/or Gutter: Type (Right and Left)	Conc. Curb · .800 · AC Curb · .931 · .889 · (Type 2 Conc. Gutters) Conc. Curb · Conc. Curb & Gutter · AC Curb · .027 · .666 · Conc. Curb · .029 · .015 · .960 · (Conc. Curb)
Protective Devices: Type, Location and Number — All Metal Rail on Metal Post	.107 · .150 · 0.50 · 0.78 · .912 · .039 · .168 · .261 · .175 · .276 · .324 · .429 · .594 · .662 · .746 · .894 · .805 · .885 · .900 · .984 · .050 · .917
Illumination: Type, Location and Number	0.13 · Mercury Vapor · 2.16 · 4.27 · Mercury Vapor
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	C · 0.09 · A · 0.11 · D · 0.17 · A · 0.78 · B · 0.86 · A · 0.92 · D · 1.01 · C · 1.29 · A · 1.71 · B · 1.74 · A · 2.41 · C · 2.54 · A · F · 2.62 · A · 4.41 · B · 4.53 · A
Superelevation (Range)	2.58
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	C · 0.14 · B · 0.23 · A · 0.77 · C · 1.24 · E · 1.42 · C · 1.54 · B · 1.96 · C · 2.29 · B · 3.14 · A · 3.31 · B · 3.58 · C · 3.71 · A · 4.89 · B
Contra–Flow Lane	2.60 · Contra–Flow 5:53–8:30 AM · ← Traffic Flow
Area and Development:	Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	0.78 · Mountainous (3) · 1.51 · Rolling (2) · 2.94 · Flat (1)
Speed: 1–Design, 2–Posted	25 MPH / Not Posted · .477 · 25 MPH (2) · .328 · 35 MPH / 25 MPH · .701 · 40 MPH / 35 MPH · .909 · 40 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	0.00 3 Phase · .319 · 3 Phase · .420 · 2 Phase · .501 · .611 · 3 Phase · .729 · 3 Phase · .685 · .036 · 2 Phase · .602 · .700
Traffic Stations (Current Year)	B73 0056 00003 · B73 0056 00049 · B73 0056 00150 · P73 0056 00240 · B73 0056 00260
HPMS Sections – AADT 2020	22,898 · 17,945 · 16,300 · 12,500 · 25,010
HPMS Sections – AADT 2019	28,200 · 0.42 · 22,100 · 1.16 · 18,600 · 2.04 · 15,600 · 30,800
HPMS Sections – AADT 2018	49,184 · 20,196 · 20,000 · 15,300 · 2.60 · 32,232
DOD Sections	
Functional Classification	Principal Arterial (3)
National Highway System (NHS)	On NHS (1)
Previous Projects: Project No., Date and Limits	3.98 · STP–0700(58), GUARDRAILS, 2008 · 4.92
	(HWY–K–03–00, Improvements, 2003) · 4.88
	56A–01–89M (R) 1989 · 0.79 · 56A–01–93M (R) 1994 · 2.02 · 2.59 · STP–056–(41) (R) 1999
	(56A–02–72, 1976) · (56A–01–75M (R)) · 0.79 · 56A–01–75M (R) 1975 · 1.27 · 56A–02–67, 1967 · 1.53 · 1.67 · HWY–K–01–82M (R) 1982 · 2.02 · 3.04 · STP–056–1(40) 1998
	0.10 · 56A–02–88 1988 · 0.41 · 0.53 · 0.60 · 0.79 · (56A–01–85, (IMPRV.) 1987) · (56A–02–72, 1976) · 56A–01–90M (R) 1991
	(56A–01–75M, 1975) · 0.11 · 0.31 · RSG–0570(2) 1981 · 0.71 · 0.77 · HWY–K–01–81M (R) 1981 · 1.46 · 2.39 · F–051–1(7) 1988 · 3.01 · 4.20 · 56A–01–80, 1981 (IMPRV.) · 4.57
	(56A–06–70, U II 1976) · 56A–01–75M (R) 1975 · 1.27 · (56A–02–72, 1976) · 1.67 · 1.77 · A–59–01–64, 1965 (R) · 2.02 · HWY–K–01–78M (R) 1978 · 2.60 · 2.81 · HWY–K–01–78M (R) 1978 · 3.60 · 56A–01–72, 1976 · 3.81 · HWY–K–01–78M, 1978 (R) · 4.20 · 4.39 · A–56–02–64 1968
	(Lihue Plantation) · 0.16 · County · 0.41 · F–12(18) 1950 · 0.72 · 56A–02–67, Ph. II 1968 · 1.16 · 1.25 · 56A–02–67, U–1 1967 · 1.61 · (A–56–01–64, (R) 1965) · F–12(18) 1950 · (LT–K–02–79 (SHLDR. & GUARDRAIL IMPRV.) 1980)
	(F–12(18), 1950)
SCALE: (In Miles) 4" = 1 mile	0 1 2 3 4 5

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

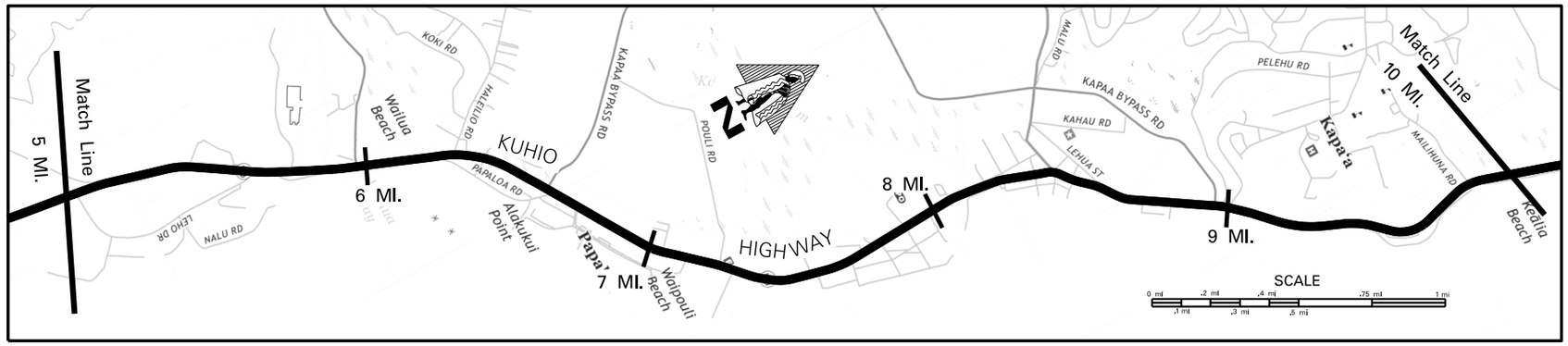
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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'
- Cont. Conc. Slab HS20 1963 56' (Widened In 1993)
- Prestressed Conc. Plank HS-20-44 81' (Widened in 2001)
- Tee Beam H20 (CNL) 1948 81'
- Tee Beam (STR) 1953 152'

Vertical Clearance: 5.77; 7.22; 8.10; 8.64; 9.80

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

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 100'; 60'; 80'; (Sugar Cane – Clear 1000') 60'; 70'; 60'; Varies 80'–120'; 50'; (Varies 50'–90'); 50' 60'; (70'); Varies 50'–80'; 60'; 50'; 80'; 100'

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

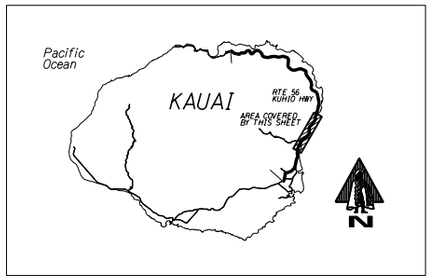
Right of Way Fence: Type – Right and Left: 2' FEP Chain Link; 30' FEP W/W

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

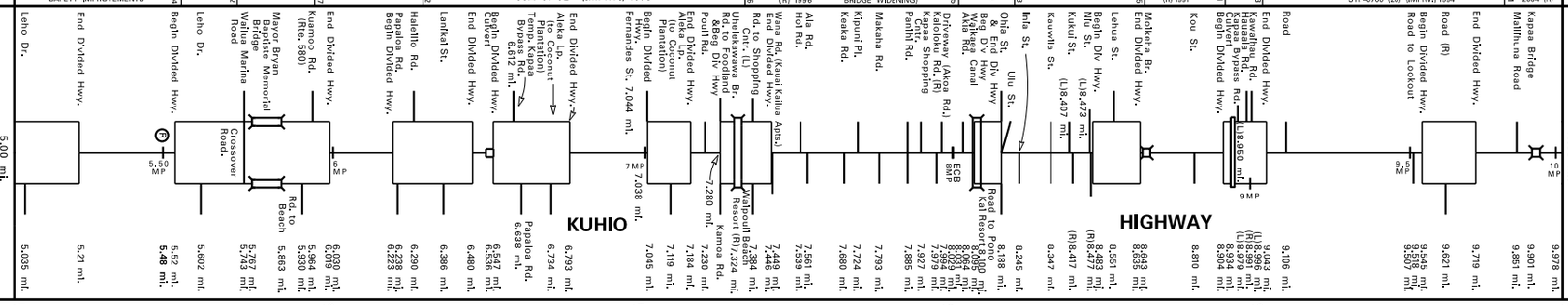
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: NH-056-1(058) RESURFACE, 2019; (BR-056-1(51), Bridge Widening 2020); 56A-01-12M RESURFACE 2015; STP-056-1(37) (R) 1996; (BR-STP-056-1(35), 2001 BRIDGE WIDENING); 56A-01-05M, RESURF., 2010; ARR-056-1(52), RESURF., 2010

Project No., Type of Construction, and Year Constructed: HSIP-056-1(53), 2012, SAFETY IMPROVEMENTS; 56A-01-92 (IMPRV.) 1993; 56A-03-90M (R) 1991; 56A-08-90 1991; (56A-01-97 ((L) TURN LANE) 1998) STP-0700 (28) (IMPRV.) 1994; 56B-01-01M 2004 (R)



Road Diagram
* MP–Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 6' AC; 4' AC; 6' AC; 4' AC; 2' AC; 0; 4'–6' 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; (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; 4' AC; 0; 6' AC; 4' AC; 0; 0; 0; 0; 0; 12' AC; 0; 6' AC; 4'–6' AC; 0; 6' AC

Divided Highway – Median

Median: Width and Type: Milled C/L Rumble Strip; 0'–11' Painted AC; 0'–11' Painted AC; 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; 0

Pavement: Width and Type: 20'/22' AC; 20'/22' AC; 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; 6' AC; 0; 12' AC; (6' AC); (4'–6' AC); (6' AC)

Number of Traffic Lanes: 1–10'/11'; 2–10'/11'; 2 – 11'; 1 – 11'; 2–11'; 1–13'; 1–14'; 1–12'; 1–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): Aux; 2–Way (L) TL; 8' Parking

(Right Side): Bus; 2–Way (L) TL; 8' Parking

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

Sidewalk: Width and Type (Right and Left): Conc; 5' Conc.; 6' Conc.; 6' CONC.

Curb and/or Gutter: Type (Right and Left): (Conc. Curb); Conc. C. & G.; Conc. Curb; 2' CONC.CURB & GUTTER

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: 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 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)

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

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-STP-056-1(24), GUARDRAIL & SHLDR. (IMPRV.), 2005); STP-056-1(41) (R) 1999; STP-056-1(40) 1998; 56A-01-90M (R) 1991; 56A-01-91 (IMPRV.) 1993; STP-056-1(37) (R) 1996; 56A-08-90 (IMPRV.) 1991; STP-0700 (28) (IMPRV.) 1994; (HWY-K-03-00 Imprv. 2003); LT-K-02-79 (SHLDR. & GUARDRAIL IMPRV.) 1980; 56A-03-90M (R) 1991; 56B-01-89M 1989 (R); A-56-02-64 1968; F-12(18) 1950; F-12(15) 1948; 56A-01-90M (R) 1991; 56C-01-87M 1987; 56A-02-72 (R) 1976; A56-02-65 (R) 1967; 56A-02-65 (R) 1967; 56A-02-72 1976; HWY-K-01-78M (R) 1978; F-12(18) 1950; A56-02-65 (R) 1967; 56A-01-74 1976; County; F-12(14) 1945; F-12(18) 1950; F-12(20) 1951; HWY-K-01-77M (R) 1977; 56A-01-72 1976; 56A-01-67 (R) 1967; HWY-K-01-77M (R) 1977; 56A-01-67 (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

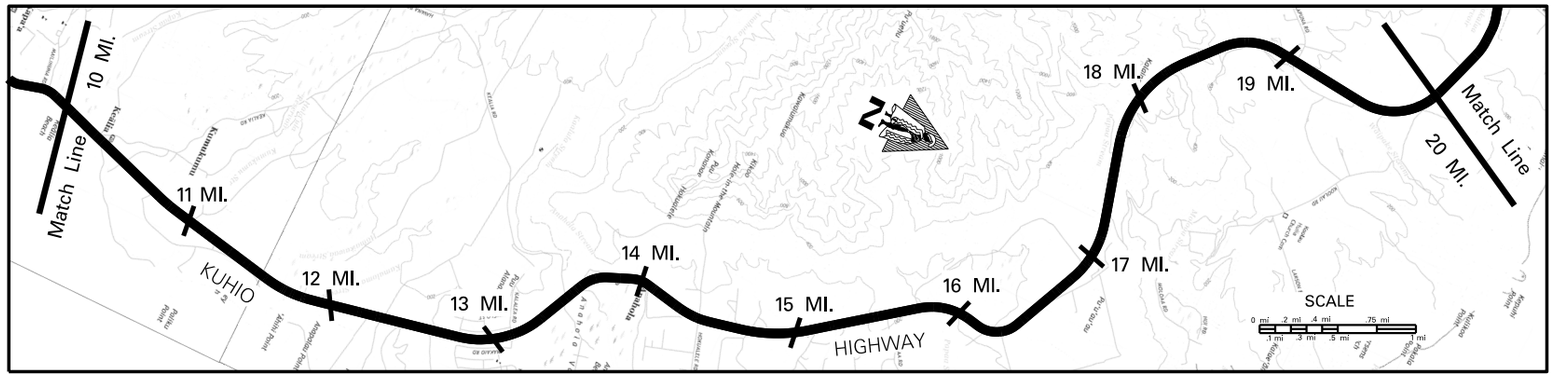
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 — 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

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

Structure Carrying Road

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

Vertical Clearance:

Horizontal Clearance: 28' (13.63) | 28' (14.93) | 40' (15.86) | 28' (18.48)

Structure Over Road

Vertical Clearance:

Horizontal Clearance:

Right of Way Width (min.–max.) if varies: (100') (80') 10.06 | Varies 80' to 160' | 16.19 | Varies 80' to 260'.

Available Right of Way Width (Needs Study): 10.02 Residential 10.59 | Clear 1000' – Sugar Cane | 12.76 Residential 14.04 | 15.52 Clear 1000' – Pineapple / Sugar Cane | 17.32 Bushes and Trees

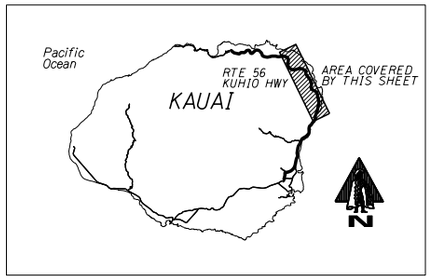
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't.): 12.94 C.L. 13.09; 12.96 C.L. 13.11 (25' FEP) | 14.16 C.L. 14.30 (15' FEP) | 15.16 C.L. 15.52; C.L. 15.60 (20' FEP) | 17.32 Wire on Wood 35' FEP 18.98; 17.35 Wire on Wood 35' FEP 18.98

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State (84+75) (19+00) (26+00) (175+21.85) (45+60) 19.27 (43+60)

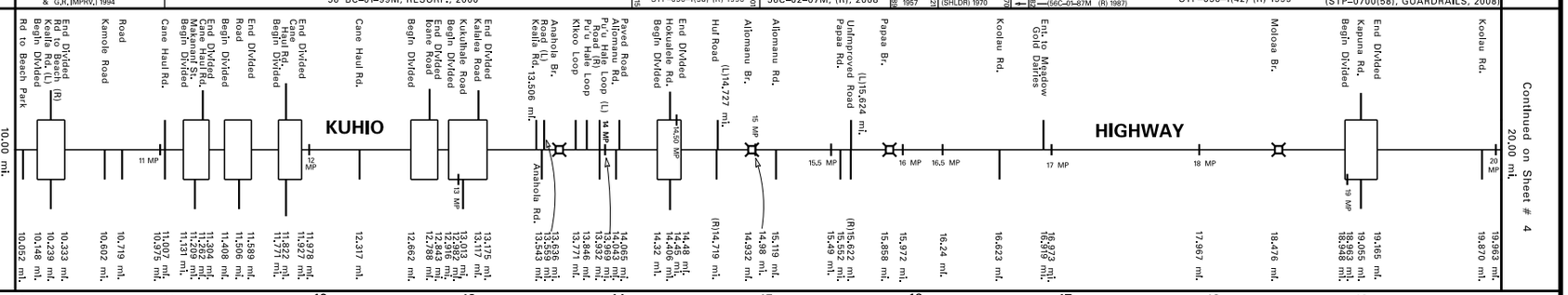
Project No., Type of Construction, and Year Constructed: 56B–01–01M 2004 (R) 11.00 | 14.07 56C–01–15M, (R), 2019 15.27 | 56C–01–17M, (R), 2021 16.82 | STP–056–1(057) (Resurf.) 2020 18.92 | 19.31

Project No., Type of Construction, and Year Constructed: STP–0700(28) (SHLDR. & G.R. IMPRV.) 1994 | 56 BC–01–99M, RESURF., 2000 | 14.15 STP–056–1(38) (R) 1996 15.01 | 56C–02–07M, (R), 2008 15.89 | ER 5(1) 1957 16.21 | 50D–56AB–01–70 (SHLDR) 1970 16.70 ← 16.82 (56C–01–87M (R) 1987) | STP–056–1(42) (R) 1999 | (STP–0700(58), GUARDRAILS, 2008)



Road Diagram

* MP=Milepost Signage



SCALE: (In Miles) 2" = 1 mile — 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

Undivided Highway

Shoulder: Width and Type: 8' AC 10.21 | 6' AC 10.41 | 11' AC 10.57 | 8' AC 10.98 | 6' AC 11.49 | 12' AC 11.62 | 6' AC 11.85 | 8' AC 12.02 | 10' AC 12.18 | 6' AC 13.17 | 11' AC 13.31 | 6' AC 13.62 | 4' AC 13.97 | 6' AC 14.95 | 4'–8' AC 15.85 | 10' AC 16.05 | 4' AC

Pavement: Width and Type: 23' AC | 11' AC | 22' AC | 11' AC | 22' AC | 11' AC | 22' AC | 11' AC | 22' AC | 11' AC | (22' AC) 11' AC | 22' AC .100 | 24' AC | 12' AC | 24' AC .700 | 22' AC | 11' AC | 22' AC

Shoulder: Width and Type: 6' AC | 0 | 8' AC 10.61 | 6' AC | 0 | 6' AC | 0 | 6' AC | 0 | 4' AC | 10' AC 12.19 | 6' AC | 0 | (6' AC) 0 | 6' AC 13.53 | 8' AC 13.61 | 6'–8' AC 13.98 | 10' AC | 0 | 6' AC 14.95 | 4'–8' AC 15.63 | 8'–14' AC 15.85 | 10' AC 16.07 | 4'–8' AC 17.56 | 6' AC 17.68 | 4' AC | 0 | 4' AC

Divided Highway

Median: Width and Type: .148 0'–12' Paint AC .333 | .131 0'–10' Painted AC .304 .408 0'–12' Painted AC .589 .771 | (0'–11' Painted AC) .927 | (0'–9' Painted AC) .662 .843 .916 | 0'–10' Painted AC .175 | (Centerline Milled Rumble Strip) .02 | (0'–11' Painted AC) .32 .48 | Centerline Milled Rumble Strip .82 | .948 0'–11' Painted AC .165

Shoulder: Width and Type: 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 | 6' AC | 6' AC | 5'–7' AC | (10' AC) 14.36 (6' AC) | 4' AC

Number of Traffic Lanes: 1–11' 1–12' .242 .265 .333 | 2–11' | .037 .066 | .100 | 2–12' .700 | 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (Right Side): Bus 13' 12' .185 .298 12' .239 12' 12' Bus .052 .145 .246 .269 | 12' Bus 14' .719 17' .609 .638 .679 .750 | 11' 11' .164 .209 .259 11' 11' .139 .209 .270 | 11' 11' .456 .506 .542 11' 11' .443 .506 .556 | .822 .860 11' | 11' .690 .788 | 11' .944 .013 Bus 10' .080 12' .050 .117 12' 11' Bus 10' .966 .013 .037 .065 | Bus .518 .545 11' 13' 10' .492 .543 .596 | Bus .851 .878 13' Bus .819 .844 | 11' 12' .362 .406 .491 12' 12' .359 .449 12' .355 | .055 13' .165 11' 11' .008 .102 10' .945 .055

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

Sidewalk: Width and Type (Right and Left): 6' conc .231 | .267 | None | .977 .064

Curb and/or Gutter: Type (Right and Left) (All Gutters 2' Concrete): 6' conc .231 | .855 .862 | .144 .210 .132 .198 | .570 .640 .626 | .808 .897 | .043 .203 .202 | .625 .675 | .911 .996 | .184 .299 .182 .334 | .424 .447 | .636 .680 .768 | .879 | .914 .959 | .099 | .707 .807 .972 .023 | .225 | Type 2 Conc. Gutter .574 .612 | .845 .955 .000 .030 .087 .120 | .729 .791 | .895 | Type 2 Conc. Gutter .404 .516 .406 .488 | .700 .777

Protective Devices: Type, Location and Number (All Metal Rail on Metal Post): .284 .431 | .019 .149 .980 | .489 .506 .639 | .042 .038 | .148 .293 .180 | .510 | .103 .087 | .295 | .785 .890 .803 | .073 | .300 .568 | .460 .542 | .033 .041 | .279 .318

Illumination: Type, Location and Number: 10.21 10.24 | .132 | .475 | .499 .515 | .807 | .899 | .623 .671 | .730 .036 12.76 M.V. | .102 | .177 .264 .337 .379 | .586 .621 | .749 | .880 | .415 .501 .617 .666 .747 .851 .897 .961 .000 | .301 | .895 .958 .974 .085 .139 .193 .244 | .299 .526 .701 .752 .834 .941 .095 .134 | .282 .403 .466 .539 | .754 .836 .954 | .503 .628 .675 .782 .883 .972

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 | 13.62 B 13.81 A 13.94 C 14.05 | A | 16.13 B 16.40 | 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 10.23 | C 10.46 | B 11.13 | A 11.90 | D 12.06 | C 12.32 | B 13.25 | D 13.42 | C 13.60 | B 13.87 | C 14.03 | D 14.22 | C 14.44 | B 15.08 | C 15.23 | D 15.33 | A 15.98 | C 16.19 | B 17.41 | D 17.66 | C 17.87 | B 18.14 | C 18.29 | B 18.80 | C 18.97 | B 19.07 | C 19.48 | B

Contra Flow Lane:

Area and Development:: Small Urban (99998) | .119 | Rural (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: .346 Rolling (2) | 12.24 Flat (1) .694 | 13.04 Rolling (2) | 17.34 Mountainous (3) | 19.24 Rolling (2) | 19.89 ← (Flat (1))

Speed: 1–Design, 2–Posted: 40 mph (1) .339 | 50 MPH (2) | (45 MPH (2)) .530 .683 | 35 MPH (2) | .523 .80 | 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 2020: 12,900 | 12,700 | 11,100 | 9,100 | ← (10,000)

HPMS Sections – AADT 2019: 16,500 10.60 | 17,475 13.55 | 15,748 16.63 | 13,310 19.87 | ← (14,122)

HPMS Sections – AADT 2018: 17,000 | 17,200 | 15,500 | 13,100 | ← (13,900)

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 | ← 12.35 (HES–056–1(32) (SHLDR. & G.R. IMPRV.) 1990) | 14.02 STP–056–1(38) (R) 1996 15.01 | 56C–01–88M (R) 1988 15.81 ← 15.89 (STP–0700(58), GUARDRAILS, 2008)

(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

(HWY–K–01–77M 1977) → 10.25 | 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–12(20) 1951) → 10.15 | 56B–01–70(R) 1970 | 12.35 | FR–0700(22) (R) 1983 | 14.01 | 50D–56AB–01–70 (SHLDRS.) 1970

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 — 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

Date Released	
Nov. 2001	
Revised	
Aug 04	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.
Dec. 19	D.B.
Nov. 21	D.B.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

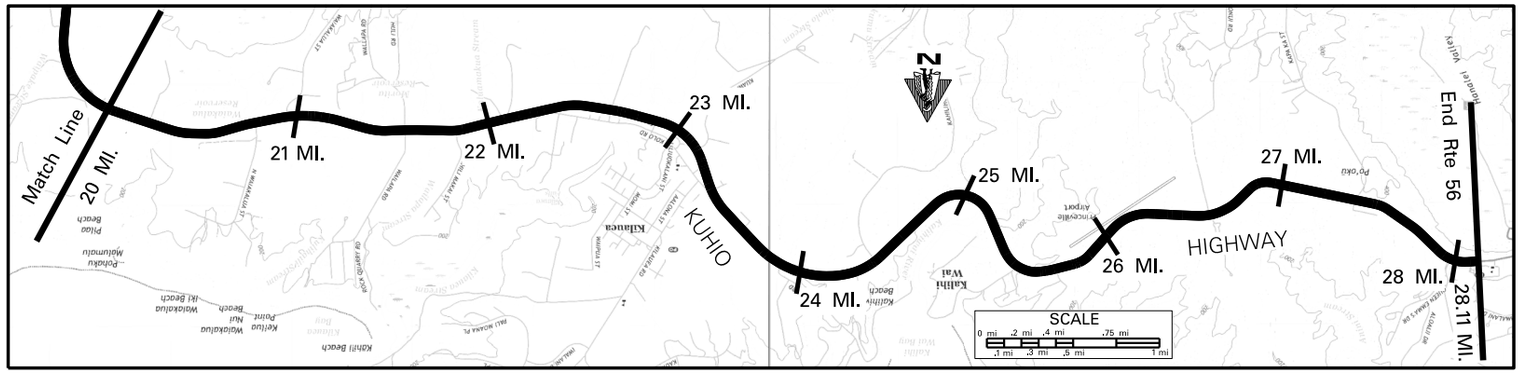
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

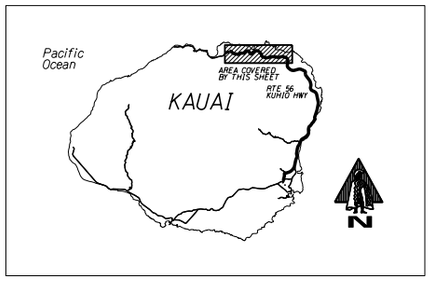
Total Designated Route Length: 28.119 MILES (a+b)
a. Existing Length: 28.119 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.119 MILES (a+b, less c)
a. Existing Length: 28.119 MILES
b. Temporary Length: None MILES
c. Length used as T.W. for another Route: None MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



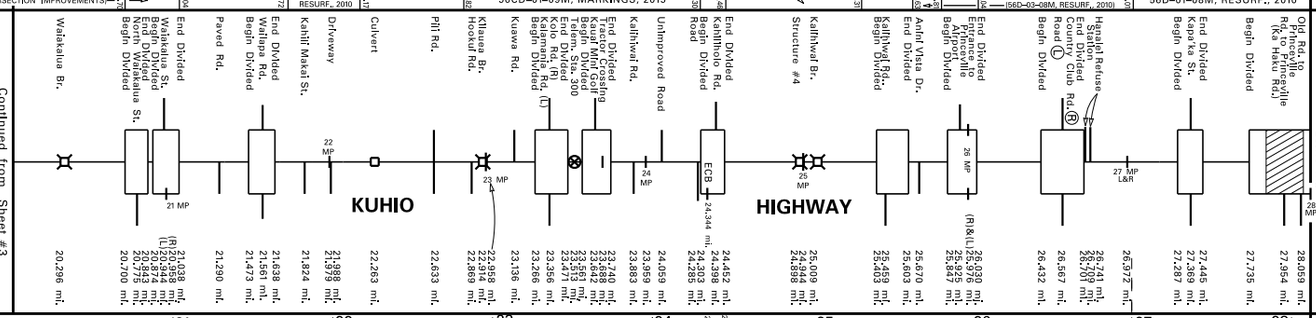
SCALE: (In Miles) 2″ = 1 mile

	20 – 28 (mileposts, left to right)
Maintenance Control Sections: Length and Description	56C (9.82 MI.) · 23.36 ← End 56C – Begin 56D on Kuhio Hwy. at the Centerline Intersection with Kolo Rd. · 56D (4.75 MI.) · End 56D Same as End Route →
Structure Carrying Road – Bridges (Over 20′): Length, Type, Capacity and Year Constructed	PrSt. Conc. Gdr. 1967 HS20, 39′ · Prestressed Beam 1973 HS20, 258′ · RC Slab Br. 1963 (CHN), 50′ · Prestressed Conc. 1963 (RW), 798′
Vertical Clearance	20.30 · 22.91 · 24.90 · 25.01
Horizontal Clearance	36′ · 40′ · 34′ · 28′
Structure Over Road – Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	(80′–260′) → 20.14 · 60′–500′ · 22.16 · 100′–200′ · 23.55 · 100′ (200′) · 23.76 · 23.85 · 23.96 · 100′ (Varies 110′–160′) · 24.27 · (Varies 175′–210′) · 24.41 · Varies 160′–295′ (100′) · 24.87 · 24.99 · (Varies 300′–360′) · 25.09 · (Varies 160′–165′) · 25.25 · 130′ · 25.47 · 70′–200′ · 27.01 · 40′
Available Right of Way Width (Needs Study)	(Bushes & Trees) → 20.30 · Clear 1000′ Sugar Cane · 23.08 · Residential · 23.82 · Trees · 25.65 · Grass & Small Trees
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav′t)	Wire on Wood 35′ FEP / Wire on Wood 35′ FEP (20.30–23.08) · 25.65 Wire on Wood 10′–20′ FEP · 25.75 Wire on Wood 10′–20′ FEP · 27.95
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	27+70 · State · 56D–01–13, INTERSECTION IMPROV., 2015 · 27.28 · 569+39.75 · 561+05.99
Project No., Type of Construction, and Year Constructed	78+77.04 · 61+00 · 21.65 · 80+25 · 24+73 · 46+00 · HSIP–056–1(060) (Safety Improvement) 2017 · 72+29 · 56D–01–07 RESURF 2012 · 1+00 · 584+00 · 569+42 · 27.29 · 27.45 · 1+40
Project No., Type of Construction, and Year Constructed	(56C–01–09, 2012, INTERSECTION IMPROVEMENTS) 20.70 → · 21.04 · 21.72 · 56C–02–08M, RESURF., 2010 · 22.17 · 22.82 · 56CD–01–09M, MARKINGS, 2015 · 24.30 · 24.46 · 25.31 · 25.63 · 25.81 · 26.04 · 56D–03–08M, RESURF., 2010 (56D–03–08M, RESURF., 2010) · 27.01 · 56D–01–08M, RESURF., 2010



Road Diagram

* MP=Milepost Signage



* 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

	20 – 28 (mileposts, left to right)
Divided Highway – Undivided – Shoulder: Width and Type	4′ AC · 20.13 · 6′ AC · 4′ AC · 6′ AC · 21.72 · 4′–6′ AC · 22.17 · 8′ AC · 23.68 · 4′ AC · 24.20 · 8′ AC · 10′ AC · 4′ AC · 7′ AC · 6′ AC
Pavement: Width and Type	22′ AC (22′ AC) · 11′ AC · 11′ AC · 22′ AC · 11′ AC · 21′ AC · .100 · 24′ AC · 12′ AC · 24′ AC · 12′ AC · 22′ AC · 11′ AC · 22′ AC · 12′ AC · 24′ AC · 12′ AC · 24′ AC · 12′ AC · 24′ AC · 12′ AC · 24′ AC · 12′ AC
Shoulder: Width and Type	4′ AC · 20.15 · 6′–12′ AC (4′ AC) · 0 · 0 · 6′–12′ AC · 0 · 21.72 · 4′–6′ AC · 22.17 · 22.47 · 16′ AC · 22.63 · 6′–12′ AC · 0 · 8′ AC · 0 · 4′–8′ AC · 0 · 4′–8′ AC · 0 · 7′ AC · 0 · 7′ AC · 0 · 7′ AC · 0 · 7′ AC · 0 · 2′ AC ← 0
Divided – Median: Width and Type	(0–8′ Painted AC) · .700 · .843 · .874 · (0–12′ Painted AC) · .038 · .473 · 0′–10′ Painted AC · .650 · .638 · MILLED RUMBLE STRIPS (6′–12′ AC) · .266 · 0′–12′ Painted AC · .471 · .561 · 0′–12′ Painted AC · .740 · .303 · 0′–11′ Painted AC · .452 · .403 · 0′–14′ Painted AC · .603 · .847 · 0′–14′ Painted AC · .030 · .432 · 0′–15′ Painted AC · .701 · MILLED RUMBLE STRIPS · .284 · .287 · 0′–12′ Painted AC · .445 · .735 · .841 · .074 · ← (3′–13′ Raised Grass) · ← (0′–8′ Painted AC) · ← (0′–12′ Painted AC)
Shoulder: Width and Type	0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 2′ AC ← 0
Pavement: Width and Type	11′ AC · 11′ AC · 10′ AC · 12′ AC · 12′ AC · 11′ AC · 12′ AC · 12′ AC · 12′ AC · 12′ AC · 11′ AC
Shoulder: Width and Type	4′ AC · 4′ AC · 6′–12′ AC · 20′ AC · 8′ AC · 8′ AC · 5′ AC · 4′–8′ AC · 8′ AC · 7′ AC · 7′ AC · 7′ AC · 4′ AC
Number of Traffic Lanes	2–11′ · 1–11′ / 1–10′ · .100 · 2–12′ · 2–11′ · .403 · 2–12′ · .735 · 1–12′ / 1–11′
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	11′, 12′ · 12′ · 11′ · 9′ Bus · 12′ · 11′ 11′ · 16′ 16′ · 11′ · 13′ 12′ · 12′ · Bus 10′
(Right Side)	9′ 11′ · 11′ · 10′ 12′ · 9′ 10′ · 12′ 12′ · 18′ 18′ · Bus 12′ · 12′ 11′ · 11′ 11′ · None · 12′ · 11′ 12′ · 12′ · 11′ 18′
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	.009 3′ AC .161 · 3′ AC
Curb and/or Gutter: Type (Right and Left) – All 2′ Conc. Gutters.	.636 .692 · .848 .934 · .282 .412 · .628 .780 · .878 .904 · .851 .977 · .723 .753 .745 · .026 .070 .161 · .461 .506 · .632 .720 · .831 · .009 · .161 · .266 .298 · .583 .619 .727 · .014 · .294 · .746 .824 .894 .988 · .138 · .242 · .285 .335 .393 .446 4 AC Curbs
Protective Devices: Type, Location and Number (M/M=Metal Rails on Metal Posts)	.274 .322 · .267 .321 · .582 .672 · .826 .922 · .295 .381 · .620 .746 · .883 .981 · .877 .983 · .040 .107 · .868 · .890 · .162 · .460 .496 · .619 · .851 .891 · .178 · .265 .303 · .360 · .364 .609 · .952 · .136 · .204 .296 · .375 · .544 · .729 .851 · .900 .974 · .135 .227 · .289 .335 .380 .446 · .013 · .047
Illumination: Type, Location and Number	None
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A · 21.80 · B · 21.88 · A · 25.18 · C · 25.18 · A · 25.35 · C · 26.60 · A · 25.77 · B · 25.90 · A · 26.04 · B · 26.27 · A · 26.50 · B · 26.75 · A · 26.82 · C · 26.95 · A · 27.48 · B · 27.57 · A · 27.90 · B · 28.08 ← (A)
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	B · 20.23 · A · 20.43 · B · 20.99 · A · 21.42 · B · 21.99 · A · 22.18 · B · 23.48 · C · 23.85 · B · 24.21 · C · 25.01 · B · 25.16 · D · 25.86 · B · 26.11 · A · 26.30 · B · 26.36 · C · 26.46 · A · 26.67 · C · 26.89 · B · 27.57 · C · 27.75 · B · 27.88 · C
Contra Flow Lane	
Area and Development:	Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (1) · 23.74 · .309 · .498 · .593 · Mountainous (3) · .656 · 25.74 · Flat (1) · 26.89 · Rolling(2) · 27.54 · Flat (1) · .978
Speed: 1–Design, 2–Posted	50 MPH (2) · .825 · .826 · 40 MPH (2) · .406 · 50 MPH (2) / 40 MPH (2) · (40 MPH (2)) · 50 (2) · 40 (2) · (30 MPH (2)) · 35 MPH (2) / 30 MPH (2) · 40 MPH (2) · .575 · 35 MPH (2) ← (Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing	None · .092 · .310 · .496 · .718
Traffic Stations (Current Year)	B73 0056 02156 · P73 0000 00300 · B73 0056 02592
HPMS Sections – AADT 2020	10,000 · 23.36 · 10,200 · 25.46 · 8,400
HPMS Sections – AADT 2019	14,122 · 15,200 · 14,427
HPMS Sections – AADT 2018	13,900 · 15,200 · 14,200
DOD Sections	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	42+51 · 15+65 · 25.36 ← (HWY–K–01–07M, PAVEMENT MARKING, 2007) · 614+50 · 26.42 → · 600+50 · 26.69
	.14 ← (56C–01–87M (R) 1987) · STP–056–1(42) (R) 1999 · 21.53 · 56C–01–90M (R) 1990 · STP–056–1(38) (R) 1996 · 23.26 · 23.47 ← (HWY–K–02–98, IMPRV. 2000) · 50D–01–92M (R) 1993 · 24.85 · (HWY–K–01–07M, PAVEMENT MARKING, 2007) · 25.36 · 25.61 · 657+20 · STP–0700(58), GUARDRAILS, 2008 · 598+23 · 26.74 · F–056–1(31) (New Alignment) 1993 · LT–K–03–80M (R) 1980
	56C–01–90M (R) 1990 · 22.14 · STP–056–1(38) (R) 1996 · 23.67 · F–056–1(31) (New Alignment) 1993 · 27.76
	← (50D–56AB–01–70 1970) · 50D–01–92M (R) 1993 · 26.42 · STP–056–1(36) 1998 · 26.75
	(S–0560(2) U–2 1963) → 20.13 · F–056–1(8) 1967 · 22.14 · DP–RF–056–1(10) (New Alignment) 1973 · 23.67 · HWY–K–01–77M (R) 1977 · (ER–7(1) U–2 1963) → 25.01 · 25.16 · HWY–K–01–77M (R) 1977 · 25.65 · COUNTY · 27.52 · LT–K–03–80M 1980 (R)

SCALE: (In Miles) 2″ = 1 mile

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.

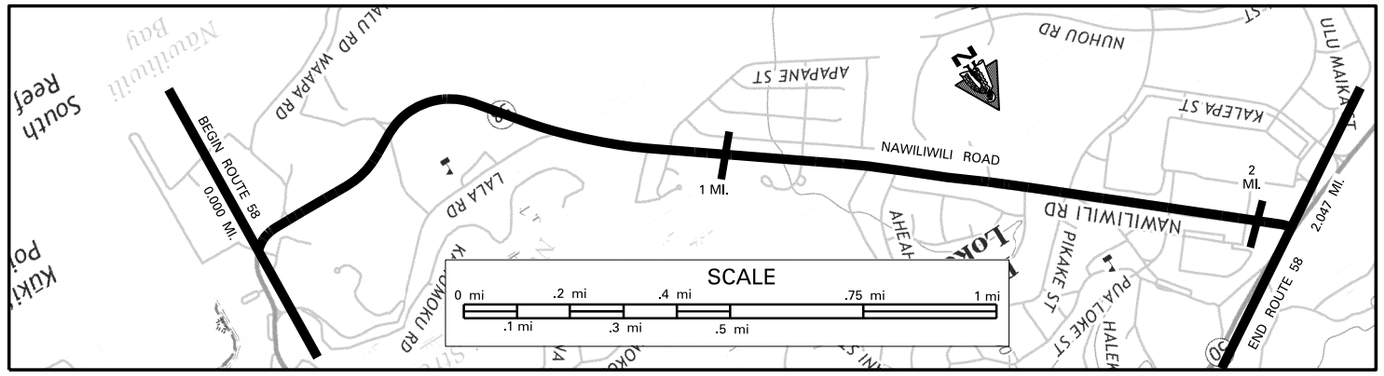
ROAD INVENTORY
KAUAI RTE 58
NAWILIWILI ROAD

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 Wapa Rd. (Rte 51) — 58 A (2.06 mi.) — End 58 A same as end route.

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' (0.14) | 100' (0.16) | 120' (0.20) | 140' (0.26) | 150' (0.32) | 110' (0.42) | 90' (0.51) | 110' (0.66) | 100' (0.84) | 80' | 120' (1.57)

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

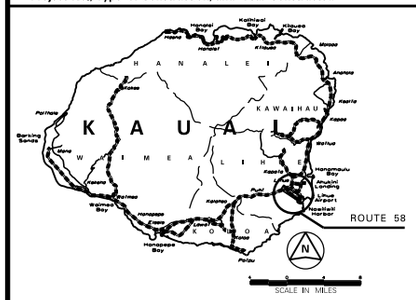
Right of Way Fence: Type – Right and Left: 6' Chainlink (1.71) | 6' Chainlink (1.86) | 6' Chainlink (1.98) | 6' Chainlink (2.04)

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 – 1.57)

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP – Milepost Signage

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

NAWILIWILI ROAD

Point	Mile
Wilcox Rd. & Beg Div Hwy (0 MP)	0.009 mi.
	0.079 mi.
Niumalu Rd.	0.334 mi.
	0.356 mi.
Lala Rd.	0.682 mi.
Eleki Pl.	0.849 mi.
Apapane St.	0.891 mi.
Beg Measured Mile Begin Divided (0.974 mi. / 1 MP)	0.986 mi.
Nokekula St. (L)	1.136 mi.
Nokekula Cir. (R)	1.233 mi.
	1.260 mi.
End Divided (Nawiliwili Road Grove Farm Museum)	1.314 mi.
Ahsahe St.	1.414 mi.
Telem. Sta. 58014 Begin Divided	1.435 mi.
Kanani St.	1.557 mi.
Pikake St.	1.634 mi.
Rd. to Kukui Grove Shopping Ctr. (L)	1.827 mi.
Halako' Rd. (R)	
Rd. to Kukui Grove Shopping Ctr. (L)	1.972 mi.
Kukui Grove St. (R)	

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 (0.15) | 4' AC (0.49) | 9' AC (0.66) | 4' AC | 10' AC (1.58) | 4' PCC BIKE LANE | 0 (.972)
- Pavement: Width and Type: 11' AC | 23' AC (.43) | 24' AC | 12' AC | 23' AC | 11' AC | 11' PCC (.63) | 22' PCC
- Shoulder: Width and Type: 0 | 10' Dirt | 0.15 | 8'–10' AC (0.28) | 4'–22' AC | 0 | (4' AC) | 9' AC (1.25) | 4' AC (1.31) | 0 (.56)

Divided Highway – Median
- Median: Width and Type: 0'–13' Painted AC (.079) | (.974) | 0'–11' Painted AC (.223) | (.494) | 0'–20' Paint (.697) | 0'–20' Raised Grass (.972) | 0'–20' Raised Conc.
- Shoulder: Width and Type: 0 | 0 | 0 (.56)
- Pavement: Width and Type: 12' AC | 12' AC | 11' AC | 22' PCC (.972)
- Shoulder: Width and Type: 8' AC (.43) | 4' AC | 10' AC | 4' PCC BIKE LANE | 0

Number of Traffic Lanes: 1–11' | 1–12' (.23) | 1–11' (.41) | 1–11' (.56) | 2–11' (.63)

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. (1.25) | (8' Conc.)

Curb and/or Gutter: Type (Right and Left): 6' Concrete Gutter (.094 – .697) | Concrete Curb (.697 – 1.98)

Protective Devices: Type, Location and Number — All Guardrails M/M: None | 61 HPS (1.46 – 1.82)

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62): E (0.06) | A | C (0.21) | A (0.29) | C (0.32) | A (0.53) | C | A | C (1.95) | B (1.98) | A | F (2.03)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): C (0.77) | B | C (1.98)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

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

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase (.63) | 3 Phase (1.82) | 3 Phase (2.05)

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

HPMS Sections – AADT 2020: 9,900 | 10,700 (0.34) | 10,700 | 4,430

HPMS Sections – AADT 2019: 10,300 | 10,700 (0.69) | 12,500 | 7,327 (1.83)

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

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 (0 – 5)
- 37–2–58–2(7) Current, 1993 (5)
- 0.11 HWY–K–01–87 Improvements, 1987
- 0.68 58A–01–88M, Resurface, 1988
- 58–01–71 (Reconstruction) 1971
- S–254(1) 1954, 55
- NH–058–1(3), Resurface, 2002
- F–058–1(1), 1991 (5)
- 2.12

1+32 — 112+52.87

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 2004	D.B.

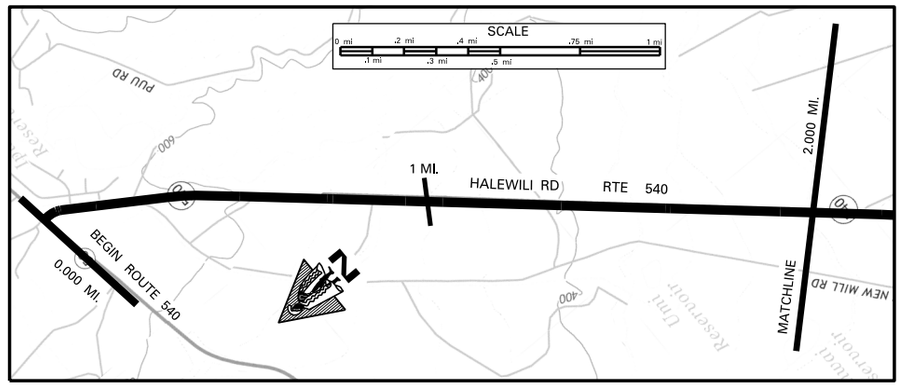
Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.

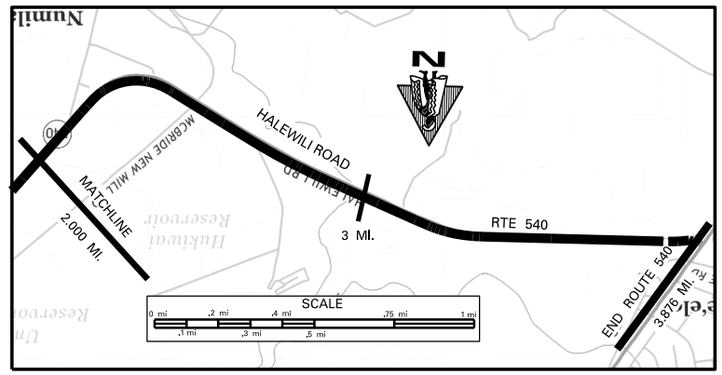
ROAD INVENTORY
KAUAI RTE 540
HALEWILI ROAD

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

0.01 Begin 540A on Halewili Rd, 30' S.W. of centerline of Kaumualii Hwy. (Rte 50) — 540 A (3.90 mi.) — End 540A on Halewili Rd. 220' N.E. (Measured along the S.W. Spur) of the Centerline Intersection w/ Kaumualii Hwy 3.87

Structure Carrying Road

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

Structure Over Road

- Vertical Clearance:
- Horizontal Clearance:

Right of Way Width (min.-max.) if varies: 60' (0.07–0.97) 65' (0.97–1.08) 60' (1.08–2.47) 80' (2.47–3.85) 65' (3.85–3.89) 30' (3.89–3.95)

Available Right of Way Width (Needs Study): Clear 1000' – Sugar Cane 20' from E.P. (0.01–2.14); Residential (2.14–2.43); Clear 1000' – Sugar Cane 20' from E.P. (2.43–3.85)

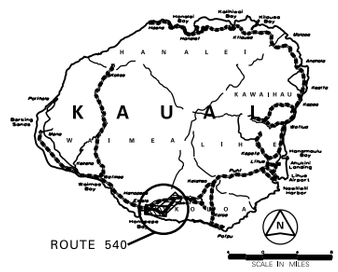
Right of Way Fence: Type – Right and Left: None

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

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

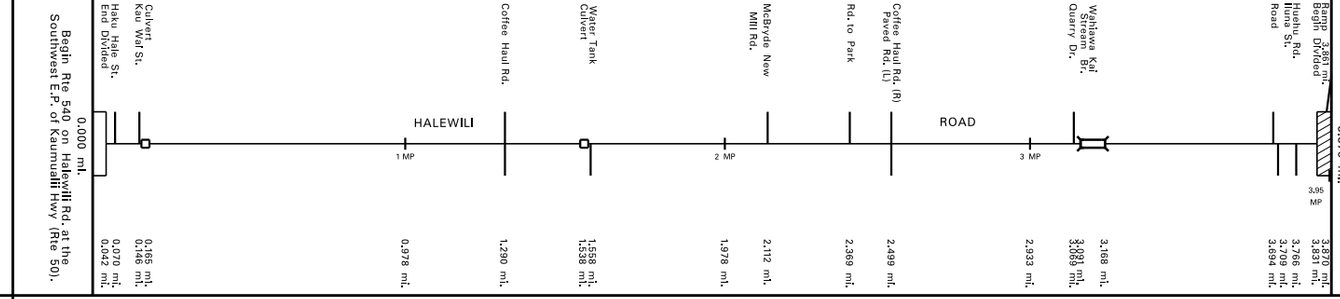
Project No., Type of Construction, and Year Constructed: 126+15 (0.01–0.06); 200+68 (0.06–0.13); 72+10 (0.13–1.08); STP-0540(3), (R), 2007; 12+00 (3.71–3.95)

Project No., Type of Construction, and Year Constructed: (STP-050-1(9) (Realignment), 1996) (0.06–0.13); (STP-0700-(35) SHLDR & GRD. RL. IMPROV. 1997); STP-0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS; (540A-01-02M 2004 RESURFACE) (3.71–3.95)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



* 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 (3.22–3.71); 6' AC
- Pavement: Width and Type: (12' AC); 24' AC (0.69–3.71); (12' AC)
- Shoulder: Width and Type: 0; 6' AC; 12' AC (2.86–3.71); 6 AC; 12' AC; 6' AC; 0

Divided Highway

- Median: Width and Type: (AC Curb (0'–53') & Flush Grass (0'–40') "W" AC Filling (40'–Shoulder))" (3.83–3.95)
- Median Barriers: (0'–15" Painted AC)
- Shoulder: Width and Type: 0; .042; 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) .865–3.95

(Right Side): .697–.798

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–.371; .469–.589; .898–.972; .523–.573; .077–.311; .197–.301; .269–.716

Protective Devices: Type, Location and Number (Metal Rails on Metal Posts): .079–.141; .073–.177; .836–.898; .026–.481; .546–.573; .201–.257; .299–.360; .255–.541; .542–.677

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; C (2.20–2.44); A; D (3.85–3.95)

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; 0.27; D; 1.15; C; 2.14; B; 2.61; A; 2.88; B; 2.76; C; 3.37; B; 3.46; C

Vertical Curve: Crest or Sag, Curve Limits:

Area and Development: Rural (99999)

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

Speed: 1–Design, 2–Posted: (Not Posted) 35 MPH (2) (.049–.197); 35 MPH (2); 50 MPH (2); 35 MPH (2) (.033–.573); 50 MPH (2); 45 MPH (1) (.505–.633); 35 MPH (1); (Not Posted)

Intersection Control Devices: Type, Location and Cycle Timing:

Traffic Stations (Current Year): B73 0540 00014

HPMS Sections – AADT 2020: 2,300

HPMS Sections – AADT 2019: 2,946

HPMS Sections – AADT 2018: 2,900

DOD Sections:

Census Tracts:

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits:

- 0.06 STP-0700-(35) (Shoulder and Guardrail Improvements), 1997
- 0.07 (STP-050-1(9) (Realignment), 1996); 1.03 540A-01-02M 2004 RESURFACE
- HWY-K-01-91M (Resurface), 1991; 3.11–3.18 HWY-K-01-91M (Resurface), 1991
- 540A-01-72 (Resurface), 1972; 3.09–3.25 540A-01-72 (Resurface), 1972
- FAS 5A(1), 1939; 1.50 S-5(2), 1950; (RS-540(1), 1974); 3.95 (0+55.15) (Spur – Port Allen Leg)
- (27+84.80); (–1+55.07); (79+44.07)

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug. 2004, DB

Revised	
Sept. 06	D.B.
Feb. 08	D.B.
Sept. 10	D.B.
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.

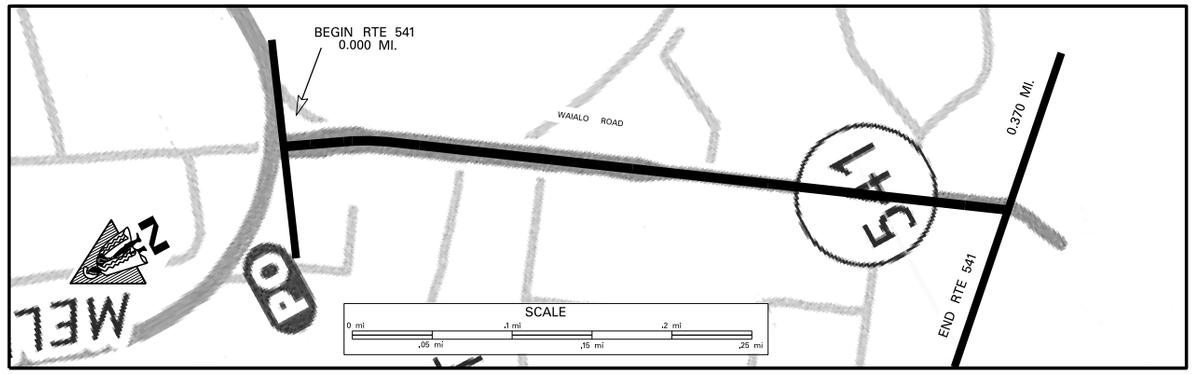
ROAD INVENTORY
KAUAI RTE 541
WAIALO ROAD

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

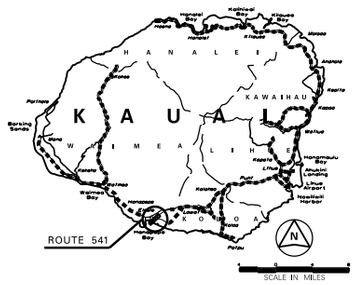


SCALE: (In Miles) 20" = 1 mile

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.

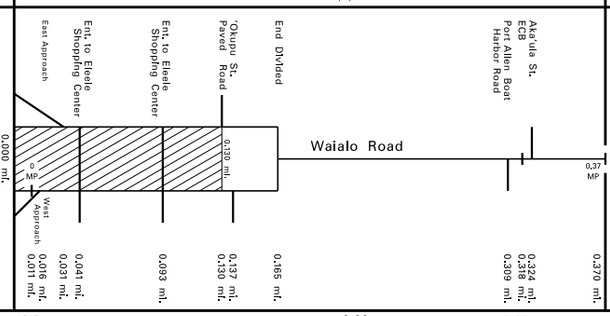
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed
	Vertical Clearance
	Horizontal Clearance
Structure Over Road	Vertical Clearance
	Horizontal Clearance
Right of Way Width (min.–max.) if varies	Varies 100' ← R/W is 40' from Centerline of Approaches 100' 0.32 40'–100'
Available Right of Way Width (Needs Study)	Residential
Right of Way Fence: Type – Right and Left	None
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	16+00 541A–01–04M, Resurf., 2008 Int 3+60
Project No., Type of Construction, and Year Constructed	541A–01–89M (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



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

End Rte 541 on Waialo Road at the "End State Highway" Sign at Port Allen. "0.370 mi."

SCALE: (In Miles) 20" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type — 5'–12' AC; 0.17 6'–8' AC
	Pavement: Width and Type — 16' AC; .053 20' AC; (30' AC) 25'–26' AC
	Shoulder: Width and Type — 0; 10' Dirt; 0.26 6' AC; .309 10' AC
Divided Highway	Median: Width and Type — 4'–15' Raised Grass; .041 4' Raised Grass; .125 0'–5' Paint; .165
	Shoulder: Width and Type — 0
	Pavement: Width and Type — 15'–18' AC; .055 22' AC; .132 10' AC
	Shoulder: Width and Type — 10' Dirt; .004 4' AC; 0.09 10' Dirt
Number of Traffic Lanes	1–10'; .053; 2–10'; 1–12'; 1–(15'–18'); .055; 2–11'; .132; 1–10'; 1–13'/14'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	11'; .055; .170
(Right Side)	11'; .038; .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; 0.26 B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2); .216
Speed: 1–Design, 2–Posted	Not Posted; 35 MPH (2); Not Posted
Intersection Control Devices: Type, Location and Cycle Timing	.002
Traffic Stations (Current Year)	B73 0541 00014
HPMS Sections – AADT 2020	2,900
HPMS Sections – AADT 2019	3,048
HPMS Sections – AADT 2018	3,000
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	
	FAP 12 J, 1939

SCALE: (In Miles) 20" = 1 mile

Date Released	
Sept. 2004,	D.B.
Revised	
Mar. 09	D.B.
Dec. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

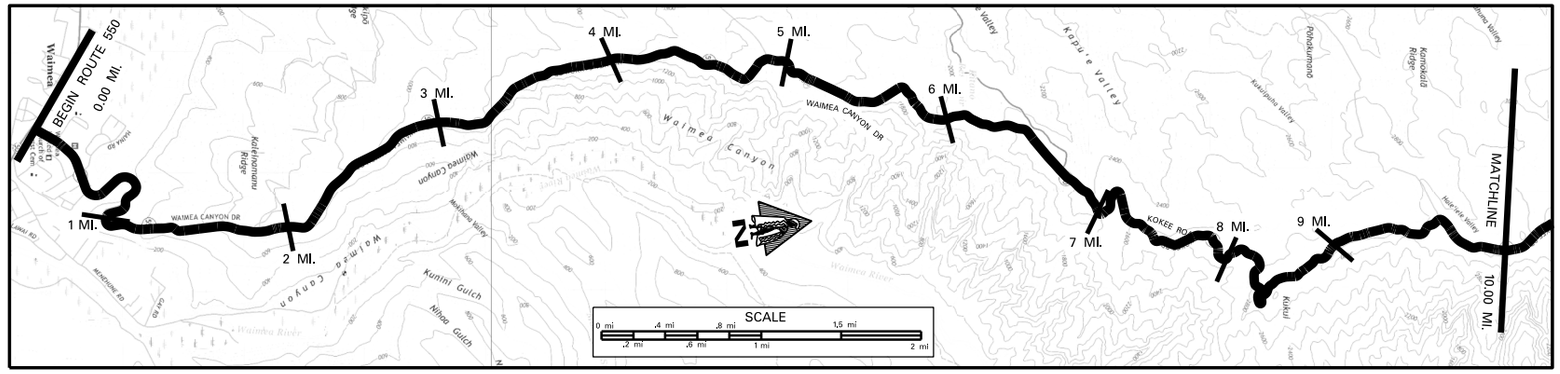
ROAD INVENTORY
KAUAI RTE 550
WAIMEA CANYON DRIVE & KOKEE RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 14.072 miles
a. Survey Length: 14.072 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 40' (1.19) 80' (4.16) 40' (6.78) 80'

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

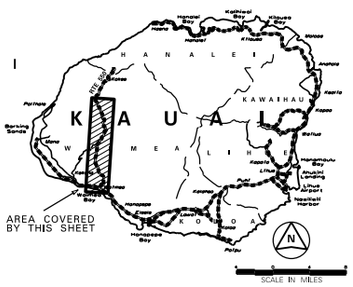
Right of Way Fence: Type – Right and Left: NONE

Control of Access: 1–None, 2–Partial, 3–Full: SILT FENCE (2.41–3.06, 4.15–4.37, 4.23)

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (312 + 84.38) STP–0550(004),(R),2015 (385 + 98) (445 + 66) (492 + 60)

Project No., Type of Construction, and Year Constructed: 550AB–01–06,GUARDRAIL & SHOULDER IMPV.,, 2012 (0.76) 550A–01–01M, (RESURF,) 2002 (4.64–4.98, 6.00) STP–0700(58),GUARDRAIL & SHOULDER IMPV., 2008 (7.28–8.39)

Project No., Type of Construction, and Year Constructed: 550A–01–95M (RESURF), 1996 (2.26) 350A–01–90M, RESURF, 1990 (6.24) 550B–01–92M, 1992 (R) (8.32) 550B–01–91M (RESURFACE) 1991



Road Diagram

* MP = Milepost Signage

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

MP: 0 (0.00 MI.), 1 (1.18 MI.), 2 (2.00 MI.), 3 (3.00 MI.), 4 (4.00 MI.), 5 (5.00 MI.), 6 (6.00 MI.), 6.50 (6.50 MI.), 7 (7.00 MI.), 7.50 (7.50 MI.), 8 (8.00 MI.), 8.50 (8.50 MI.), 9 (9.00 MI.), 10 (10.00 MI.)

Landmarks: HUAKAI RD. (0.015 MI.); WAENA RD. (0.076 MI.); CANE HAUL RD. CULVERT (0.271 MI.); ROAD TO WATER TANK CULVERT (0.763 MI.); SUBDIVISION RD (0.985 MI.); PANINI PL. (1.182 MI.); WATER TANK (1.314 MI.); ELEV. 500' (1.386 MI.); SCENIC LOOKOUT (1.502 MI.); SCENIC LOOKOUT (1.998 MI.); SCENIC LOOKOUT (2.310 MI.); ELEV. 1000' SCENIC LOOKOUT (2.840 MI.); SCENIC LOOKOUT (2.998 MI.); SCENIC LOOKOUT (3.230 MI.); SCENIC LOOKOUT (3.380 MI.); PAVED LOOKOUT (3.649 MI.); ELEV. 1500' (4.585 MI.); CANE HAUL RD. (4.988 MI.); "WAIMEA CANYON STATE PARK" SIGN (5.194 MI.); ECR KOKEE RD. (6.265 MI.); "2500' ELEV." SIGN (7.692 MI.); RANGER STATION (7.980 MI.); ROAD TO COMMUNICATION STATION (8.853 MI.)

WAIMEA CANYON DRIVE — KOKEE ROAD

CONTINUED ON SHEET #2

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 4'–6' GRAVEL (0.20–0.27); 6' GRAVEL (1.02–1.94); 2'–4' GRASS (3.48–4.37); 2'–4' GRASS (5.97); 2'–6' DIRT (6.72); VARIES 2'–6' GRAVEL (7.09–9.75); 2'–6' GRASS
- Pavement: Width and Type: 18' AC (0.00–0.27); 9' AC (0.27–0.41); 18' AC (0.41–1.02); 16' AC (1.02–1.94); 4' GRAVEL (3.48–3.54); 4' AC (3.54–4.15); 4' GRAVEL (4.15–4.37); 4' GRAVEL (4.37–4.39); 6' DIRT (4.39–4.98); 4' GRASS (4.98–5.55); 16'–24' AC (5.55–7.09); 4' (7.09–7.15); 6'–8' (7.15–7.66); 10' (7.66–7.88); 3' GRAVEL (7.88–8.23); 9' DIRT (8.23–8.46); 6'–2' DIRT (8.46–9.75)
- Shoulder: Width and Type: 18' GRASS (0.00–0.27); 0 (0.27–1.02); 6' GRASS (1.02–1.94); 3' (0.41–0.48); 2'–6' GRASS (5.55–6.72); 6' (6.72–7.09); CL. MILLED RUMBLE STRIP (7.09–8.46)
- Median: Width and Type: (10' PAINTED AC) (0.27–0.41); (0.41–0.43); (8.00–8.52)
- Median Barriers:

Divided Highway — Undivided
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 9' AC
- Shoulder: Width and Type: 18' GRASS

Number of Traffic Lanes: 2–9' (0.00–1.02); 2–8' (1.02–7.94); 2–(8'–12') (7.94–9.75)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 8' (0.429–0.484); 11' (0.484–0.527)

(Right Side): 11' (0.429–0.484); 11' (0.484–0.527)

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

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

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

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

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

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1) (0.00–0.68); MOUNTAINOUS (3)

Speed: 1–Design, 2–Posted: 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B73 0550 00000; B73 0550 00118; B73 0550 00672

HPMS Sections – AADT 2020: 2,300; 380; 530

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

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

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits

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

SCALE: (In Miles) 2" = 1 mile

Date Released
Sept. 04, D.B.

Revised	
Sept. 06	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

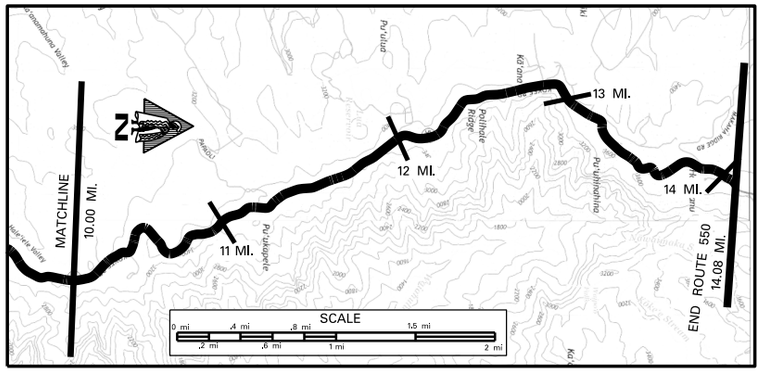
ROAD INVENTORY
KAUAI RTE 550
KOKEE ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

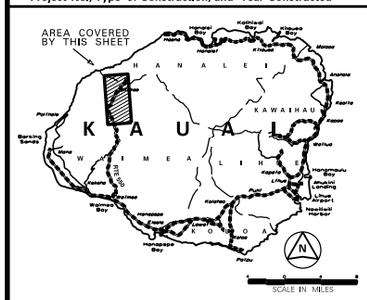
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 14.072 miles
- a. Survey Length: 14.072 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles



SCALE: (In Miles) 2" = 1 mile

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 (560+56 – 683+56)
Project No., Type of Construction, and Year Constructed	STP-0700(58), GUARDRAILS & SHOULDER IMPV., 2008
Project No., Type of Construction, and Year Constructed	550B-01-91M (RESURF.) 1991



Road Diagram
* MP=Milepost Signage

10.00 MI. CONTINUED FROM SHEET #1

KOKEE ROAD

SPUR WAIMEA CANYON LOOKOUT (10.330 mi.; 10.315 mi.)
DIRT ROAD (11.083 MI.; 11.033 MI.; 10.964 MI.)
CULVERT (11.314 MI.)
11 MP; 12 MP (11.963 MI.)
RD. TO CAMP HALE KOA (12.832 MI.)
RD. TO KOKEE METHODIST CAMP (12.961 MI.; ECB (L))
13 MP (13.102 MI.)
ELEVATION 3500' PU'U HINAHINA LOOKOUT (13.637 MI.; 13.621 MI.)
ROAD TO PACIFIC MISSILE RANGE FACILITY – HAWAIIAN AREA
MAKAHA ROAD (13.857 MI.; 13.867 MI.)
14 MP (14.067 MI.)

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

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '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; 4'–6' GRASS (10.388; 10.407); 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)	(.0897; .2946; .1840; .2946; .2946)
Illumination: Type, Location and Number	(.0659; .2946; .1759; .2177; .1919; .0527; .0505; .2946; .2946) 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)	BADABCEFBECB(10.58) E(10.67) D(11.01) ADAC(11.28) E(11.39) DABA(11.68) CCAB(11.77) A(12.09) E(12.24) D(12.47) CA(12.57) E(12.67) D(12.95) B(13.06) A(13.22) E(13.46) AC(13.57) AB(13.73) E(13.87) DA(13.98) B(14.07) A(14.13) EF(14.25) EA(14.29) D(14.41) 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(10.00) B(10.13) D(10.17) E(10.46) B(10.60) B(10.67) C(11.01) A(11.28) B(11.42) B(11.68) C(11.86) A(12.04) B(12.28) B(12.42) C(12.77) B(12.95) C(13.06) B(13.13) E(13.37) D(13.50) C(13.75) B(13.85) 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); (.2946) (NOT POSTED)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0550 | 00672
HPMS Sections – AADT 2020	530
HPMS Sections – AADT 2019	1,700
HPMS Sections – AADT 2018	1,632
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.

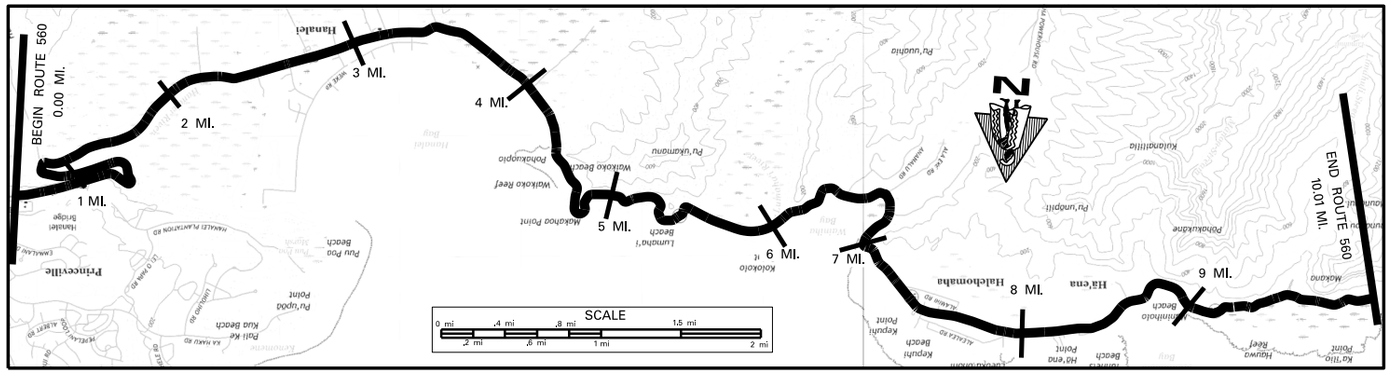
Revised	
Sept 06	D.B.
Mar. 09	D.B.
Sept 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

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: 1.20, 3.38, 3.91, 4.21, 5.07, 5.39, 5.68, 4.65
Horizontal Clearance: 17', 11'-11", 14', 14', 28', 10', 10', 14'

Structure Over Road

Vertical Clearance
Horizontal Clearance

Right of Way Width (min.-max.) if varies: 40', 80'-125', 40'

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

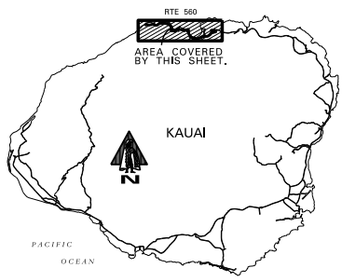
Right of Way Fence: Type - Right and Left (Footage indicates how far away from the edge of pavement the fence is.): Wire 10', Wire 15'-25', Wire 50', Wire 6', Wire 8', Wood 8', Wood 10', Chain Link 6'

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: HRR-0560(12), SAFTEY IMPROVEMENTS, 2014

Project No., Type of Construction, and Year Constructed: 560A-03-99, SHLDR. IMPRV. 2005



Road Diagram

* MP = Milepost Signage

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

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

END RTE 560 ON KUHIO HIGHWAY AT THE END OF THE PAVED HIGHWAY SECTION. 10.003 mi.

KUHIO HIGHWAY

0.000 mi. Road Hanalei Lookout Rd. to Princeville Cnt. — 0.197 mi. — 0.120 mi. — 0.059 mi.
0.000 MP. End Divided Begin Divided — 0.638 mi. — 0.607 mi.
Hanalei Plantation Rd. — 0.387 mi.
Ohiki Road Hanalei River Br. — 1.222 mi. — 1.197 mi.
1.5 MP. Culvert Bridge — 1.598 mi. — 1.506 mi. — 1.471 mi.
2.5 MP. Hanalei Museum Culvert — 2.506 mi. — 2.412 mi.
Hanalei Bridge Begin Divided — 2.651 mi. — 2.608 mi.
Ent. to Hanalei Road — 2.749 mi. — 2.736 mi.
Alex Road — 2.900 mi. — 2.891 mi.
3 MP. End Divided Begin Divided — 3.006 mi. — 3.000 mi. — 2.991 mi.
Kolo Road — 3.170 mi. — 3.125 mi.
Mahkahi Rd. — 3.388 mi. — 3.338 mi.
Malolo Rd. — 3.509 mi. — 3.439 mi. — 3.383 mi.
Kumu Road Waioli Bridge — 3.925 mi. — 3.875 mi.
Anae Road — 4.017 mi. — 3.909 mi.
3.5 MP. Waipa Bridge — 4.212 mi.
4 MP. Waikoko Bridge — 5.000 mi.
ECB (R) — 5.416 mi.
5 MP. Lumahai Bridge — 5.873 mi.
6 MP. Anamalu Road — 6.007 mi.
Wainiha Bridge #1 — 6.394 mi.
Wainiha Powerhouse Road — 6.469 mi.
Wainiha Bridge #3 — 6.653 mi.
Wainiha Bridge #2 — 6.683 mi.
7 MP. Alamihi Road — 6.991 mi.
Alamihi Road — 7.202 mi.
Culvert #1 — 7.307 mi. — 7.427 mi.
Mikala Place — 7.459 mi.
Omichi Road (R) — 7.543 mi.
Culvert #2 — 7.637 mi.
8 MP. Aleales Rd. — 7.982 mi. — 7.965 mi.
Haena Pl. — 8.143 mi.
Culvert #2 — 8.384 mi.
9 MP. Wet Cave Ford Crossing — 8.788 mi. — 8.759 mi.
Limahuli Stream Crossing — 8.981 mi.
Haena State Park Boundry — 9.549 mi.
Parking Area — 9.709 mi.
Wet Cave — 9.860 mi.
10 MP. — 9.990 mi.

SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type — 2' AC/ Grs.; 1'-2' AC; 4'-6' AC; 2' AC; 4' Grs.; 4' PCC); 2' Grass; 4' Grass; 0'-2' Grass; 0'-2' AC
Pavement: Width and Type — 20'-24' AC; 19'-22' AC; 19'-20' AC; 9'-10' AC; 19'-20' AC; 18'-21' AC; 18'-22' AC; 18'-20' AC; 18'-23' AC
Shoulder: Width and Type — 2' AC/ 6' Grass; 1' AC; 1' AC; 1'AC/ 6' Grass; 2'AC/6' Grass; 2' AC; 2' AC/ 8' Grs.; 8' Grs.; 0'-1' AC; 2'-4' Grs.; 6'-8' Grass; 0'-2' AC
Median: Width and Type — (0'-6" Paint); Painted AC; Painted AC; (2' AC/10' Grs.)
Median Barriers:
Shoulder: Width and Type — (0'); 0; 0
Pavement: Width and Type — (10'-12' AC); 10' AC; (10' AC)
Shoulder: Width and Type — (1' AC); 2' AC; (1' AC); (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
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
Speed: 1-Design, 2-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 2020: 4,892; 6,534; 2,699; 1,721; 1,087
HPMS Stations - AADT 2019: 9,042; 9,246; 4,470; 3,100; 2,200
HPMS Stations - AADT 2018: 8,900; 9,100; 4,400; 3,366; 2,346
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

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.

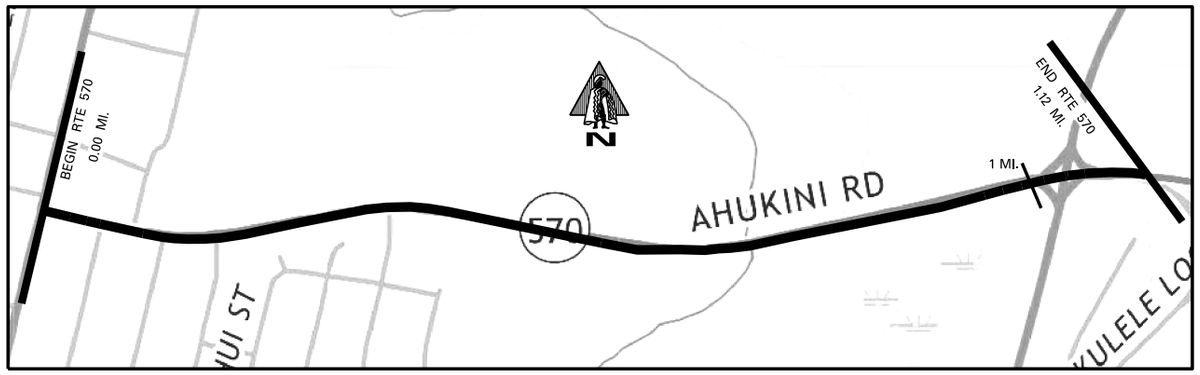
ROAD INVENTORY

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

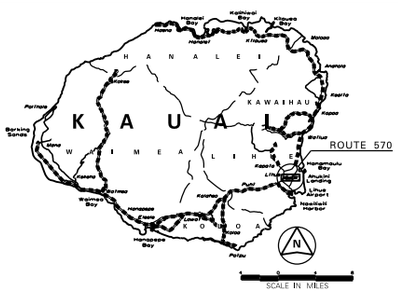


SCALE: (In Miles) 10" = 1 mile

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): STATE (0.1-55.12) (1.7-1.122)
Project No., Type of Construction, and Year Constructed: 570A–01–11MR, RESURFACE, 2016 (.000–1.122)
Project No., Type of Construction, and Year Constructed: HWY–K–02–98 IMPRV., 2000 (0.12–0.29); 570A–01–92M (R), 1993 (0.29–0.91); 570A–01–15M, 2017 (0.91–1.122)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN RTE 570 ON AHUKINI RD. AT THE S.E. EDGE OF PAV'T. OF KUHIO HIGHWAY (RTE 56). 0.00 MI.

END DIVIDED 0.020 MI. / 0.006 MI. (0 MP)
AKAHI ST. 0.061 MI.
ENT. TO WALMART 0.095 MI.
BEG DIVIDED 0.129 MI. / ELOA ST. 0.126 MI.
UMI ST. 0.178 MI.
END DIVIDED 0.313 MI. / TELEM. STA. 570003 0.295 MI.
PALAI ST. 0.362 MI.
CANE HAUL ROADS 0.532 MI. / DRIVEWAY TO HELICOPTER TOURS 0.515 MI. / 0.505 MI. (0.5 MP)
AHUKINI ROAD
BEG DIVIDED 0.925 MI.
KAPULE HWY (RTE 51) 1.065 MI. (1 MP)

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

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

Number of Traffic Lanes: 2–11'; 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' (.032–.064); 16' (.095–.121); 13' (.121–.178); 11' (.178–.244); 12' (.875–.925); 12' (.925–.995); 15' (.995–.818)
(Right Side): SAME AS THROUGH LANE (.000–.032); 12' (.782–.875)
Frontage Road: No. of Lanes, and Width (Right and Left): NONE
Sidewalk: Width and Type (Right and Left): 4' CONC. (.121–.178)
Curb and/or Gutter: Type (Right and Left): 4' (CONC. CURB W/ 2' CONC. GUTTER) (.121–.178)
Protective Devices: Type, Location and Number: NONE
Illumination: Type, Location and Number: MV
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62): A; B (0.36–0.61); A
Superelevation (Range)
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): A; B (0.51–)
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) (.000–.030); 35 MPH (2); NOT POSTED 35 MPH (2) (.980–1.122); (25 MPH (2))
Intersection Control Devices: Type, Location and Cycle Timing: 3 PHASE (.995–1.000)
Traffic Stations (Current Year): P73 0570 000031; B73 0570 00036; (B73 0570 00106)
HPMS Sections – AADT 2020: 11,800; 10,781; 6,500
HPMS Sections – AADT 2019: 14,700; (0.36) 16,662; 10,500
HPMS Sections – AADT 2018: 14,800; 16,400; (1.06) 11,000
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 (0.29–0.91); 5–0570 (1), 1964; F–051–I(7), 1988 (0.91–1.122)

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

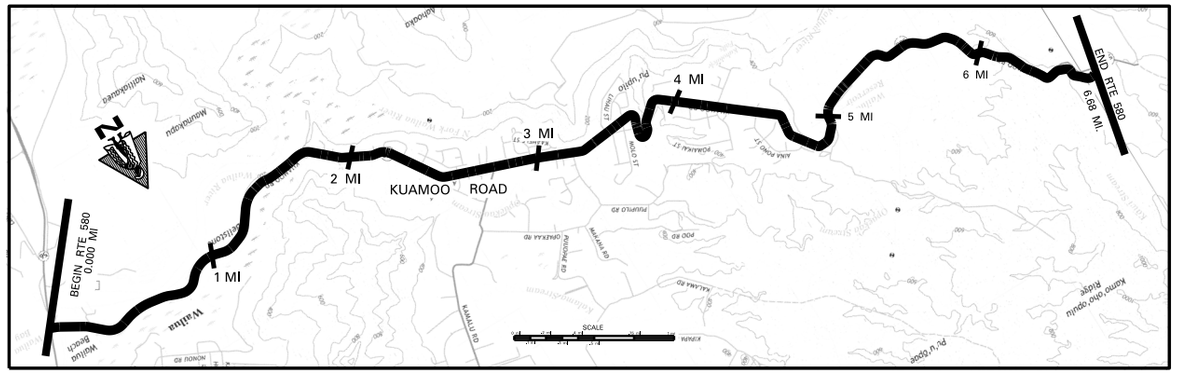
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 53'

Structure Carrying Road — Vertical Clearance

Structure Carrying Road — Horizontal Clearance: 24'

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

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

Available Right of Way Width (Needs Study): 40' | 40' | 28' | 23' | 80' | 40'–60' (VARIES 40'–46')

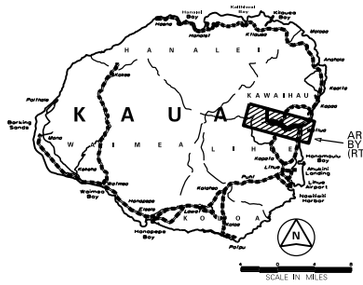
Right of Way Fence: Type – Right and Left: WIRE ON WOOD 15'EP; W/W 20'EP; WOOD; W/W

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

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

Project No. and Type of Construction: (580A–01–14, SLOPE STABALIZATION, 2016); HRRP–0580(4), SAFETY IMPRV., 2011; (STP–0700(58), GUARDRAILS, 2008); (STP–0700(58), GUARDRAILS, 2008); 580A–01–06M, (R) 2007; 580A–01–01, (R) 2002; 580A–01–99M, (R) 2000

Year Project Constructed: (STP–0700(38), 1998)



Road Diagram

* MP – Milepost Signage

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

* 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.

0.000 MI. — 0 MP — WAILUA RIVER STATE PARK EXIT (0.287 MI. (NEW)) — WAILUA RIVER STATE PARK (0.287 MI.) — OPAEKAA BRIDGE — 1 MP — KUAMOO ROAD — POLIAHU HEIAU STATE PARK ROADS — KAHAWAI PL. — KAMILOA HAWAIIAN VILLAGE — ECB — 2 MP — MELIA STREET — OHELO ROAD — TELEM. STA. 580022 — KAUALU RD (RTE 581) — MALA STREET — PAAKO STREET — 3 MP — POKUKALA ROAD — OPAEKAA ROAD — WAIKOIJA STREET — HAWAIIANA STREET — 4 MP — KAHOLALELE ROAD — AINA PONO RD. — U.H. AGR. STATION (R) — AINA PONO RD. — 5 MP — PAVED ROAD — CULVERT — KULAU RIDGE TRAIL — FOREST RESERVE SIGN — END OF VIDEOLOG — 6.68 MI.

SCALE: (In Miles) 2" = 1 mile

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

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

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

Divided Highway — Median: Width and Type

Divided Highway — Shoulder: Width and Type

Divided Highway — Pavement: Width and Type

Divided Highway — Shoulder: Width and Type

Number of Traffic Lanes: 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 (2) | 35 MPH (2) | 25 MPH (2) (NOT POSTED)

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

Traffic Stations (Current Year): B73 0580 00010 | P73 0580 00228 | B73 0580 00318 | B73 0580 00407

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

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

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

HRRP–0580(4), SAFETY IMPRV., 2011 — 580A–01–07M, RESURFACE, 2008 — STP–0700(38), 1998 — 580A–01–88M (R) 1988 — 580A–01–99M, (R) 2000 — 580A–01–83M, (RESURFACE) 1994 — RS–0850(2), (RESURFACE AND IMPROVEMENTS), 1980 — 580A–01–88M(R), 1988 — COUNTY MAINTAINED BY STATE — 580A–01–70(R), 1971 — A–580–01–64 PHASE 2 1964 — (A–580–01–64 PHASE 1 1963) — WRDG–15(1), 1947 — COUNTY

SCALE: (In Miles) 2" = 1 mile

Date Released	
March 95	
Revised	
Pat Tom	3–95
Pat Tom	6–95
JK	4–96
JK	5–97
DB	2–08
DB	3–09
DB	12–09
DB	9–10
DB	2–11
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

21

Sheet 1 of 1 KAUAI RTE 580

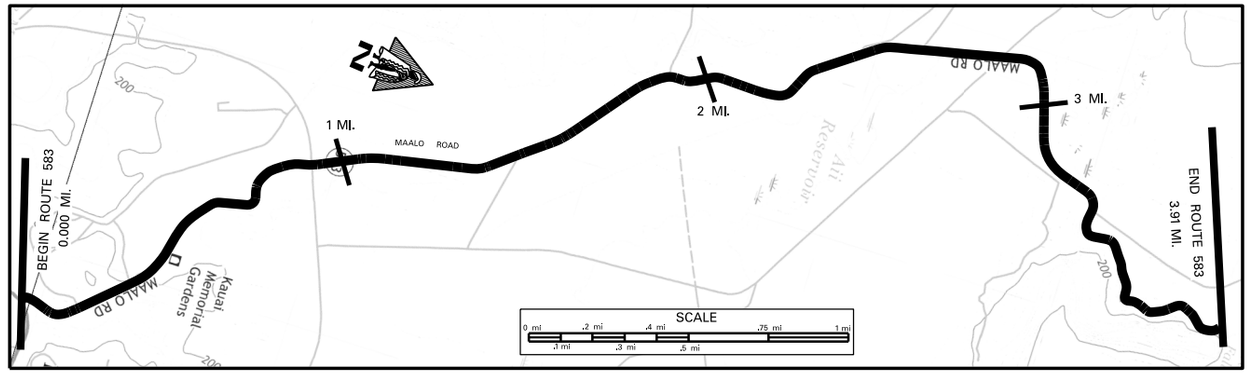
21

ROAD INVENTORY
KAUAI RTE 583
MAALO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 3.91 miles
a. Survey Length: 3.91 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



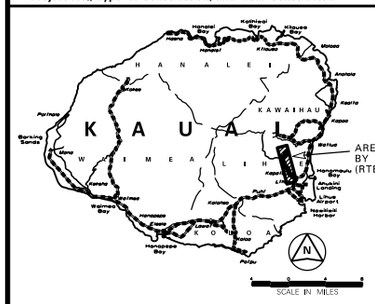
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
BEGIN 583A – ON MAALO ROAD 18' N.W. OF KUHIO HIGHWAY (RTE 56). | 583A (3.92 MI.) | END 583A – SAME AS ROUTE END 3.91

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60'
Available Right of Way Width (Needs Study): CLR 1000' SUGAR CANE 20' FROM EDGE OF PAVEMENT
Right of Way Fence: Type – Right and Left: NONE
Control of Access: 1–None, 2–Partial, 3–Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
Project No., Type of Construction, and Year Constructed: STP–0583(002), GUARDRAILS AND SHOULDERS, 2015 | 583A–01–01M, RESURFACE, 2005
Project No., Type of Construction, and Year Constructed: (583A–01–71, 1971) | ARR–0583(1) RESURF., 2010 | 583–01–95M (RESURFACE) 1996 | 583A–01–07M, RESURF., 2009 | 583A–01–71, 1971



Road Diagram
* MP = Milepost Signage

BEGIN RTE 583 ON MAALO RD. AT THE NORTHWEST EDGE OF PAV'T OF KUHIO HWY. (RTE 56) 0.000 mi.

BRIDGE (1927) 0.034 MI. 0.030 MI. | ROAD 0.165 MI. | RD TO CEMETERY 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) CANE HAUL RD. (R) 0.96 MI. 0.921 MI. | ECB (L) 1.39 MI. | CULVERT 1.82 MI. | DIRT ROAD 1.91 MI. | CANE HAUL ROAD 2.25 MI. | CANE HAUL ROAD 2.45 MI. | CANE HAUL ROAD CULVERT 2.60 MI. 2.57 MI. | PAVED ROAD 2.81 MI. | CULVERT 2.81 MI. 2.97 MI. | HWY OVERPASS CULVERT 3.32 MI. 3.31 MI. | CULVERT 3.45 MI. | DIRT ROAD 3.57 MI. | CULVERT 3.84 MI.

MAALO ROAD

* 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)
Curb and/or Gutter: Type (Right and Left): (STEEL RAILING ON CONCRETE WALL)
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 2020: 650
HPMS Sections – AADT 2019: 1,200
HPMS Sections – AADT 2018: 1,400
DOD Sections
Census Tracts
Functional Classification: MINOR COLLECTOR (6) | LOCAL (7)
National Highway System (NHS): NOT ON NHS (0)
Previous Projects: Project No., Date and Limits: PHASE II 583A–01–71, 1971 | 583–01–95M (RESURFACE) 1996 | HWY–K–01–70 (PHASE II), 1970 | 583A–01–71, 1971 | 583A–01–01M, RESURFACE, 2005

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

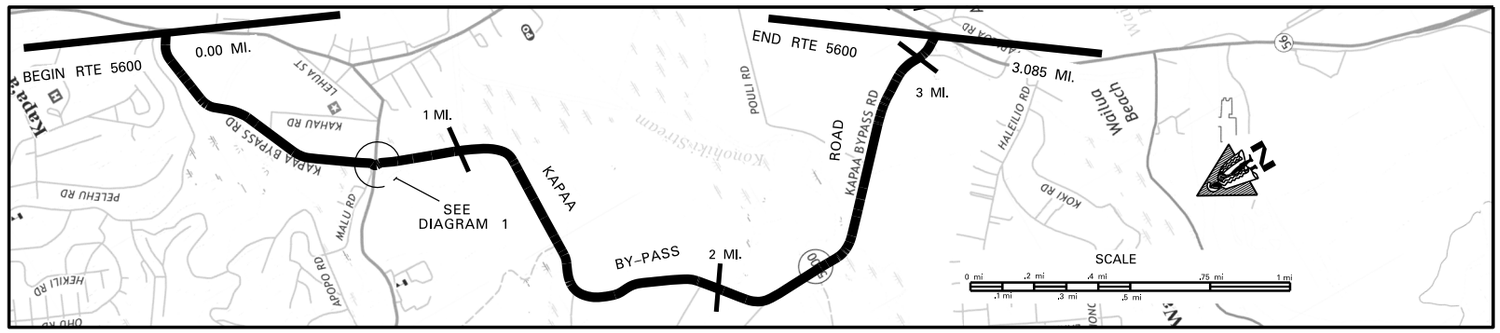
Total Route Length: 3.085 **miles**

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: .271

Horizontal Clearance: 16'- 4"

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (0.17) 60' (0.18) 100' (0.19) 60' (0.01) 120' (0.48) 100' (0.56) 60' (0.73) 100' (0.89) 60'

Available Right of Way Width (Needs Study)

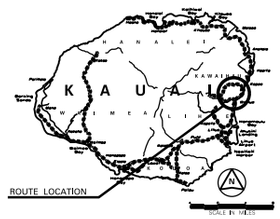
Right of Way Fence: Type - Right and Left: 6' CHAINLINK FENCE 25'-30' FROM E.P. (0.00–0.25); WIRE 35'-40' FROM E.P. (0.00–0.12)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (.749) COUNTY (1.898) STATE

Project No., Type of Construction, and Year Constructed: 56A-03-00, NEW CONSTRUCTION, 2007 (0.83–0.78); 5600-01-10M, BRIDGE REPAIR, 2012 (1.44–1.49)

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage

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 (0.271 MI.)

SIPHON (AG. DITCH) END DIVIDED / OLOHENA RD. BEGIN DIVIDED (0.830 MI., 0.880 MI., 0.881 MI., 0.761 MI., 0.749 MI.)

KAPAA BY-PASS ROAD

KAPAA BY-PASS ROAD EXT.

ONE WAY (IN SERVICE FEB. 07)

SEE DIAGRAM 1 (Rotary)

KAINAHOLA STREAM BRIDGE (1.464 MI.)

SIPHON (AG. DITCH) (1.589 MI.)

SIPHON (AG. DITCH) (1.923 MI.)

CULVERT (2.080 MI., 2.086 MI.)

GATE (OPEN 5:30 AM - 7:00 PM) (2.375 MI.)

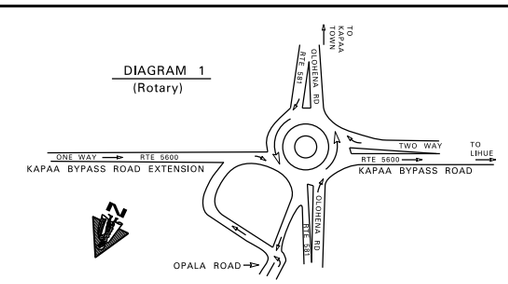
(2.591 MI.)

(2.994 MI.)

3 MP, 1.5 MP, 1 MP, 0.5 MP

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

DIAGRAM 1 (Rotary)



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–.786–.800)

Shoulder: Width and Type: (0)

Pavement: Width and Type: (15' AC)

Shoulder: Width and Type: (0)

Number of Traffic Lanes: 1-11' (.786) | 2-11'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

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

Illumination: Type, Location and Number

Curves 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) (0.77) ROLLING (2)

Speed: 1-Design, 2-Posted: 25 MPH (2) | (25 MPH (2)) 35 MPH (2) (.271) 25 MPH (2) (.755) 35 MPH (2) (.919) (NOT POSTED) (25 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic StationS (Current Year): B73 5600 00000 (B73 5600 00075) (.749) B73 5600 00079 (.932) 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: 0.75 0.79 1.08 2.20

Census Tracts

Functional Classification: LOCAL ROAD (7)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

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