STATE ROUTE SYSTEM

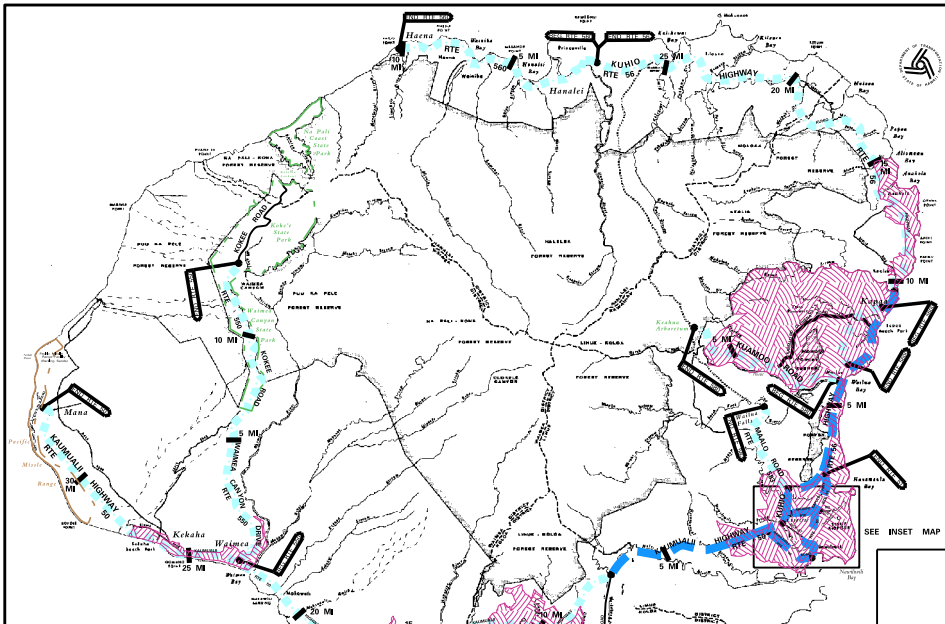
COUNTY OF KAUAI

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 2019



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.B.
May 06	D.B.
Jan. 07	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
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.B.
Nov. 18	D.B.

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

ROAD INVENTORY

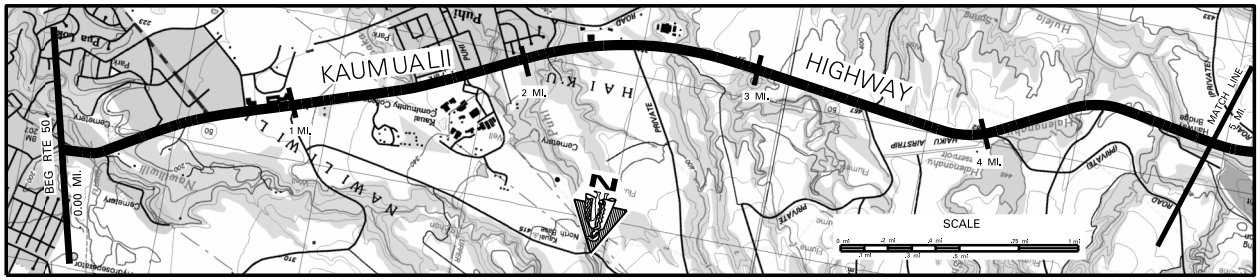
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

END 50E – SAME AS BEGIN RTE 55. 50E (1.74 MI.) BEG. 50E – END 50D ON KAUMUALII AT THE CENTERLINE INTER. W/ PUHI RD. 50D (8.63 MI.)

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

Structure Over Road: Vertical Clearance; Horizontal Clearance

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

Available Right of Way Width (Needs Study)

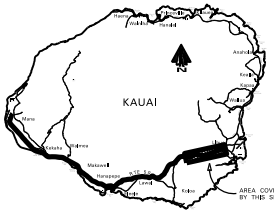
Right of Way Fence: Type – Right and Left

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

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

Uhue Mill Br. – Sugarcane Rd. Spur to Rice St. – Uhue Mill Rd. – Kaumualii Hwy. – Puhi Rd. – Nawiliwili Road (Rte. 93) – Uahi Road – Kalena Street – Hoolaulii Village Lane – Nuhou Street – Nawiliwili Road (Rte. 93) Tallent Str. (50D) – Puhi Rd. L&R Driveway – Kikowaena St. – Anomui St. – End Divided Hwy – Bridge Divided Hwy – Rd. to Nursery – Hoolaulii Str. Culvert – Bridge Divided Hwy – Kipu Rd. – End Divided Hwy – Bridge Divided Hwy – Paved Rd. – End Divided Hwy – Cane Haul Rd. – Gated Dirt Rd. Cane Haul Rd. – Bridge Divided Hwy – Rd. from Quarry (R) – Hulei Bridge (Hulei Stream) – End Divided Hwy – CONTINUED ON SHEET #2

KAUMUALII HIGHWAY

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type; Pavement: Width and Type; Shoulder: Width and Type

Divided Highway – Median: Width and Type; Shoulder: Width and Type; Pavement: Width and Type; Shoulder: Width and Type

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

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 2018

HPMS Sections – AADT 2017

HPMS Sections – AADT 2016

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

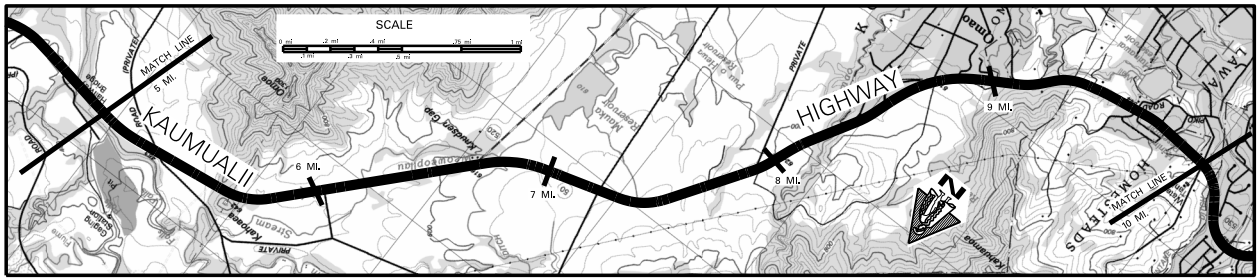
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

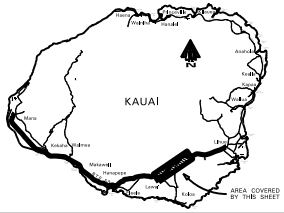
Total Designated Route Length: 32.918 MILES (a+b)
a. Existing Length: 32.918 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.918 MILES (a+b, less c)
a. Existing Length: 32.918 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



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

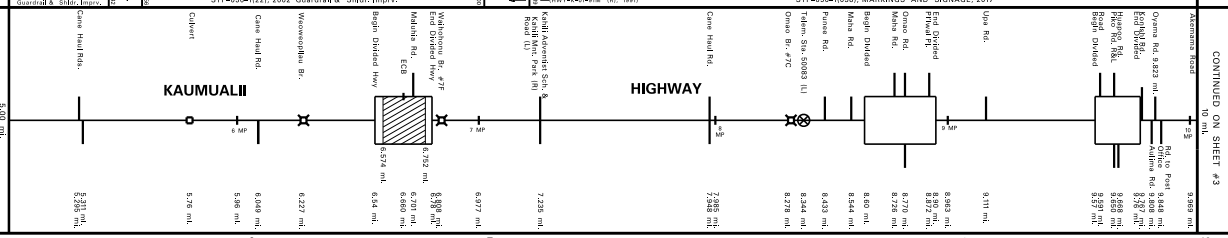
Item	5.00 – 10.00 mi.
Maintenance Control Sections: Length and Description	50D (8.63 MI.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	6.23 RC FLAT SLAB, H–15 (STR) 1937, 39'; 6.81 RC FLAT SLAB, H–15 (STR) 1934, 22'; 8.28 CONT. CONC. TEE, H–15 (STR) 1934, 140'
Vertical Clearance	
Horizontal Clearance	6.23 24'; 6.81 24'; 8.28 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') (60') 9.63 70' (60') 9.77 80' 9.93 (100') 9.95 (120')
Available Right of Way Width (Needs Study)	Trees 5.33 Sugar Cane 7.96 Bushes & Trees 9.59 9.73
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	(STP–050–1(24), GUARDRAIL/SHOULDER IMPRV., 2005) ; 241+00 STP–050–1(039), PREVENTIVE MAINTENANCE, 2017
Project No., Type of Construction, and Year Constructed	STP–050–1(22), 2002 Guardrail & Shldr. Imprv. 5.42 5.56 STP–050–1(22), 2002 Guardrail & Shldr. Imprv. 7.00 7.19 (HWY–K–01–91M (R), 1991) STP–050–1(038), MARKINGS AND SIGNAGE, 2017



▨ Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP=Milepost Signage

CONTINUED FROM SHEET #2 5.00 mi.



CONTINUED ON SHEET #3 10 mi.

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

Item	5.00 – 10.00 mi.
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 (6.54–6.78); 22' AC; 12' AC (8.60–8.87); 24' AC; 12' AC (9.57–9.76); 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
Divided Highway — Median: Width and Type	.00 CENTERLINE MILLED RUMBLE STRIP (0'–8' Painted AC) .54; .574 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	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; .726 .742; .650 9' .700; .830 Bus .857
(Right Side)	12' Truck Climbing Lane .020 .247 Merge .399; .617 12' .701; 11' .696 .770 11'; 9' 9' .729 .770 .825; .607 11' .621 12' .650; Bus .854 .885
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	None
Curb and/or Gutter: Type (Right and Left)	.091 Conc. Gutter .304 .370 .560 .752 .793 .244 .320 .714 .839 .960 .011 .103 .157 .394 .433 .558 .649 .729 .819 .867 .922 .978 .066 .277 .341 .463 .540 .607 4' AC Gutter .965 .089 .460 .515 .555 .597 .645 .886 .973
Protective Devices: Type, Location and Number — ALL METAL RAILS ON METAL POSTS	.095 .375 .567 .751 .794 .208 .247 .191 .249 .411 .581 .710 .833 .945 .002 .086 .129 .556 .627 .718 .773 .853 .894 .978 .052 .203 .312 .703 .757 .963 .001 .086 .319 .516 .552 .876 .976
Illumination: Type, Location and Number	8.44 M.V. 8.55; 9.20 … 9.65 M.V. 9.83
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A 5.60 B 5.80 A 7.32 B 7.52 A 9.13 B A 9.25 B 9.39 A 9.70 B 9.76 A 9.97 (B)
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	C 5.68 A 5.83 B 6.43 C 6.68 B 7.06 C 7.39 A 7.53 C 8.37 A 8.56 C 8.66 D 8.98 B 9.08 C 9.52 D 9.68 B 9.97 (A)
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999) .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 2018	29,500; 15,600
HPMS Stations – AADT 2017	26,700 6.69; 15,200
HPMS Stations – AADT 2016	25,100; 14,900
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

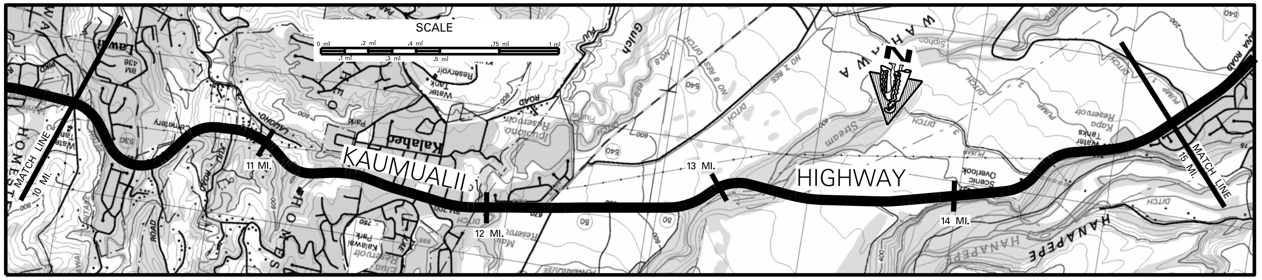
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

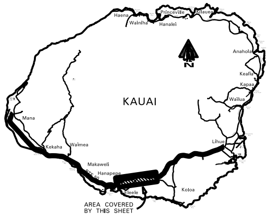
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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 ______

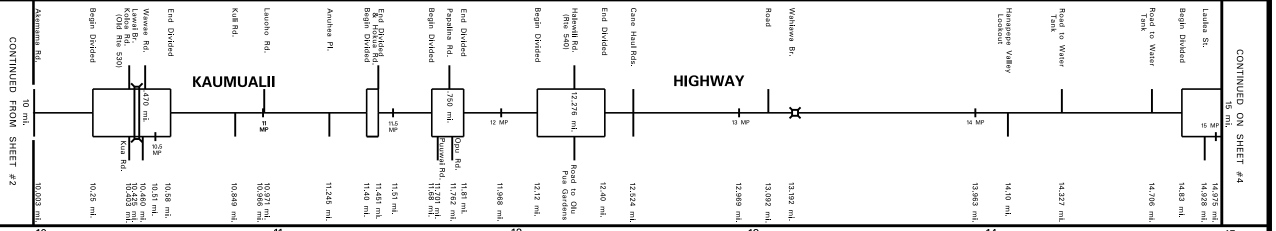


	10 – 15 (SCALE: (In Miles) 4" = 1 mile)
Maintenance Control Sections: Length and Description	50D (8.63MI.) 10.37 ← BEG. 50 D & END 50 C ON KAUMUALII HWY. 100' EAST OF CENTERLINE INTERSECTION OF KOLOA RD. 50 C (6.65MI.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	112' PRESTRESSED CONC. GIRDER 2003, HS-20-44 *BRIDGE WIDENING 180' CONT. CONC. FRAME 1936 (STR) ESH15
Vertical Clearance	10.43 13.19
Horizontal Clearance	60' 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 (100') 10.86 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' (125') 13.29 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



	10 – 15 (SCALE: (In Miles) 4" = 1 mile)
Undivided – Shoulder: Width and Type	4' AC 10.23 6' AC 10.59 4' AC 11.47 6' AC
Pavement: Width and Type	24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC
Shoulder: Width and Type	4' AC | 0 | 4' AC 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 .470 | .721 .762 | .363 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.085 12' Truck Climbing Lane .374 11' .470 12' .504 | .420 .451 .493 10' 10' | .701 11' 11' .795 | .276 11' 12' .322 12.42 12' Truck Climbing Lane 13.03 | .902 12' 10' .014
(Right Side)	.330 12' .403 .365 12' | .711 11' .750 | 198 11' .276 .236 12' | None | .855 12' .928
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)	.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 .934 .498 .347 .499 .802 .256 .545 .569 .683 .726 .917 .170 .337 .492 .548 .775 .103 .133 .321 .452 .706 .781 .867 .896 .096 .166 .189 .240 .966 .041
Illumination: Type, Location and Number	10.84 M.V. 10.99 | 11.45 M.V. 11.90
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 2018	15,600 | 21,012 | 14,892
HPMS Sections – AADT 2017	15,200 10.40 | 20,600 | 14,600
HPMS Sections – AADT 2016	14,900 | 18,800 12.27 | 10,400
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	(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 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 12.44 STP-050-1(9), 1995 12.98 HWY-K-01-91M (R), 1991 13.48 50C-01-87M (R), 1987 14.83 50C-01-90M (R), 1991
	(STP-050-1(11), R, 1993) (50CD-01-87M (R), 1987) 12.38 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

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Dec. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Aug. 12	E.P.J.
June 13	D.B.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Jan 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

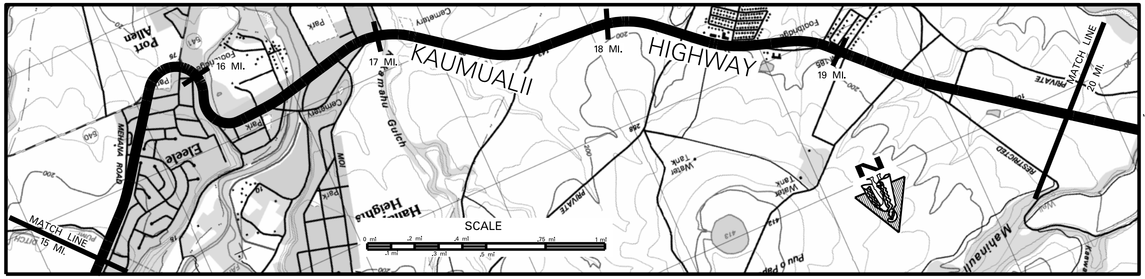
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



SCALE: (In Miles) 4" = 1 mile — 15, 16, 17, 18, 19, 20

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

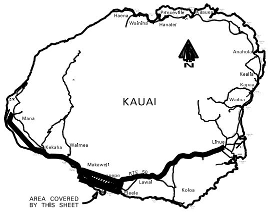
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed — TEE BEAM 1939, H15, 44' (16.26) | TEE BEAM 1938, H20, 277' (16.57)
Vertical Clearance —
Horizontal Clearance — 38' | 24'

Structure Over Road

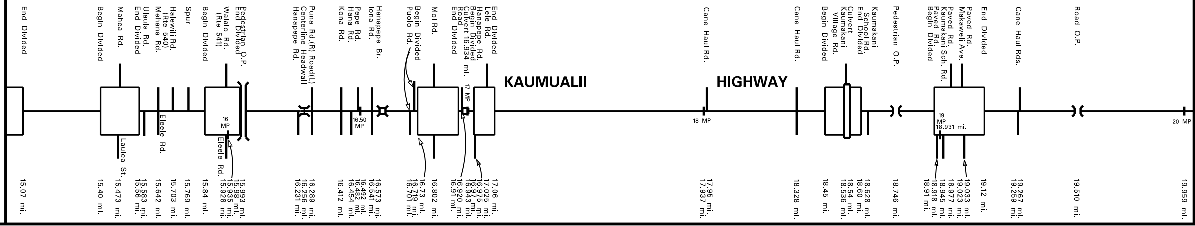
Vertical Clearance — RC FLAT SLAB ON STEEL (PED. O.P.), 1939 (15.98) | RC FLAT SLAB (PED. O.P.), 1948 15'–11" | RC DECK GIRDER (RD), 1948 15'–02"
Horizontal Clearance — (90') 17.07 | 18.74 31' | 19.50 40'

Right of Way Width (min.–max.) if varies — 60' | 15.17 | 80' | 15.87 | 90' | 16.04 | 110' | 16.33 | 80' | 17.05 | 80' | 18.81 | 114' | 18.86 | 80' | 19.45 | 140' | 80' | 19.58 | 100' | 19.70 | 80' | 19.86 | 120' | 80'
Available Right of Way Width (Needs Study) — Clear 1000' Sugar Cane | 15.26 | Commercial/Residential (w/ Sugar Cane) | 17.09 | Clear 1000' – Open Field | 18.42 | Residential | 18.68 | Sugar Cane (19.51, 19.92)
Right of Way Fence: Type – Right and Left — 15.50 Wood 15.61 | 15.26 Wire on Wood 15.61
Control of Access: 1–None, 2–Partial, 3–Full — NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — STATE
Project No., Type of Construction, and Year Constructed — 212+00 | 262+50 | 282+80 STP–050–1(038), MARKINGS AND SIGNAGE, 2017
Project No., Type of Construction, and Year Constructed — STP–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005 | 15.68 | 50C–03–07M, REPAVEMENT, 2013 | 16.63 | 50C–02–15M, RESURFACE, 2018 | 17.01 | STP–050–1(040), PREVENTIVE MAINTENANCE, 2016



Road Diagram
* MP=Milepost Signage

CONTINUED FROM SHEET #3 15 mi.



CONTINUED ON SHEET #5 20 mi.

SCALE: (In Miles) 4" = 1 mile — 15, 16, 17, 18, 19, 20

Divided Highway – Undivided

Shoulder: Width and Type — 6' AC | 16.52 | 0 | 16.63 | 6' AC | 18.70 | 8' AC | 19.04 | 6'–14' AC
Pavement: Width and Type — 12' AC | 23' AC | 12' AC | 23' AC | 12' AC | 23' AC | .57 | 22' AC | 11' AC | 22' AC | 11' AC | 23' AC | 12' AC | 23' AC | 12' AC | 24' AC
Shoulder: Width and Type — 0 | 6' AC | 0 | 6' AC | 0 | 8' AC | 16.23 | 6' AC | 16.52 | 0 | 16.63 | 6'–14' AC | 0 | 6'–14' AC | 0 | 6'–14' AC | 0 | 6'–14' AC | 0 | 19.18 | 6' AC

Divided Highway

Median: Width and Type — (0'–10' Painted AC) | .07 | .40 | 0'–9' Painted AC | .56 | .84 | 0'–10' Painted AC | .98 | .73 | 0'–10' Painted AC | .91 | .97 | 0'–9' Painted AC | .06 | 17.06 MILLED CENTERLINE RUMBLE STRIP 18.44 | .45 | 0'–12' Painted AC | .60 | .91 | 0'–12' Painted AC | .12 | MILLED CENTERLINE RUMBLE STRIP
Shoulder: Width and Type — 0 | 0 | 0 | 0 | 0 | 0 | 0
Pavement: Width and Type — 11' AC | 11' AC | 11' AC | 11' AC | 11' AC | 11' AC | 11' AC
Shoulder: Width and Type — 6' AC | 6' AC | 6' AC 15.94 8' AC | 6'–14' AC | 4' AC | 6'–14' AC | 9' AC

Number of Traffic Lanes — 1–12' / 1–11' | .57 | 2–11' | .06 | 1–12' / 1–11' | .12 | 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — .440 10' .522 | .928 .94 .971 | .421 .449 Bus 10' | .828 .846 Bus 10' | 11' .885 | .001 10' | 13' .051 | .945 12' .963 .023 .073
(Right Side) — .416 10' 12' .473 Bus .524 12' .583 | .864 12' .928 12' | 12' .376 .396 Bus | .751 11' .802 | 12' .852 .878 Bus | .025 | .490 12' .536 | 12' .959 .977 .984 .033 12' .023
Frontage Road: No. of Lanes, and Width (Right and Left) — None
Sidewalk: Width and Type (Right and Left) — .485 .506 | .013 4' Conc. .283 | .572 6' Conc. .639 | .560 6' Conc. .630 | .454 3' Conc. .019
Curb and/or Gutter: Type (Right and Left) — .046 .065 | Curb + Gutter → .934 Conc. .207 | .576 | .924 .955 | .042 .095 | .226 .323 | .546 Conc. Curb .721 | .357 .435 | .490 .532 | .764 .824 | .980
Protective Devices: Type, Location and Number — All Metal w/ Metal | .876 .899 | .972 .317 | .673 .864 | .965 .017 | .245 .312 | .564 .675 | .938 .953 | .042 .062 | .221 .323 | .643 .925 | .536 .555 | .726 .762 | .799 .861 | .488 .534 | .734 .810 | .959
Illumination: Type, Location and Number — 15.49 | M.V. | 16.98
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) — A | 15.75 | D | 16.33 | A | 16.73 | B | 16.75 | 16.98 | A | 17.59 | B | 17.67 | A | 18.47 | B | 18.56 | A
Superelevation (Range) —
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) — C | 16.24 | B | 16.56 | A | 16.63 | B | 16.69 | A | 16.77 | B | 17.13 | D | 17.23 | B | 17.48 | C | 17.98 | B | 18.18 | A | 18.38 | B | 18.66 | A | 18.91 | B | 19.29 | C | 19.49 | B
Vertical Curve: Crest or Sag, Curve Limits —
Area and Development: — Small Urban (99998) | .025 | Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous — 17.13 | 17.34 | Rolling (2) | 19.08 | 19.23
Speed: 1–Design, 2–Posted — 35 MPH ② | 17.12 45 MPH ② | 50 MPH ② | 18.09 45 MPH ② 18.26 | 35 MPH ② | 19.07 45 MPH ② | 50 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing — .928 | 2 PHASE .802

Traffic Stations (Current Year) — B73 0050 01227 | B73 0050 01569 | B73 0050 01592 | B73 0050 01702 | P73 0050 02237
HPMS Sections – AADT 2018 — 14,892 | 18,100 | 18,600 | 12,700 | 11,900
HPMS Sections – AADT 2017 — 14,600 | 17,800 | 18,600 | 12,600 | 18.53 | 11,500
HPMS Sections – AADT 2016 — 10,400 | 15.69 | 15,900 | 15.92 | 17,200 | 17.02 | 11,200 | 11,100
DOD Sections —
Census Tracts —
Functional Classification — Minor Arterial (4)
National Highway System (NHS) — Not on NHS (0)
Previous Projects: Project No., Date and Limits —
17.00 STP–050–1(040), PREVENTIVE MAINTENANCE, 2016
16.95 | 17.04 (HWY–K–02–98 (IMPRV.), 2000) | (HWY–K–02–98 (IMPRV.) 2000) 18.44 | 18.57 | 18.94 | 19.14 (HWY–K–02–98 (IMPRV.) 2000)
STP–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005 | 16.32 | 16.56 | 16.80 | 17.03 | STP–050–1(18), 1997
50C–02–01M (R) 2004 15.67 | 15.69 STP–050–1(10), 1993 | (HWY–K–01–07M, PAVE. MARK., 2007)
(STP–050–1(14), 1998) 16.75 | 16.90
STP–050–1(12) (GUARDRAILS & SHLDR. IMPRV.), 1995
50C–01–90M (R), 1991 15.69 | 17.01 | 50B–02–93M (FOG SEALING), 1994
(HWY–K–01–77M (R), 1977) | 15.11 | (50B–01–74, 1974) | 18.99 | HES–050–1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990
50A–01–71, 1970 | 50A–01–71, 1971 15.95 | 50C–01–76 SAFETY IMPRV. 1982 16.30 | SD–65–364, 1965 | 17.04 | 17.06 | 17.21 | 50B–01–86M (R), 1986
FAP 12J, 1938 | 289+59.6 | 95+67.7 | FAP 29B (1), 1938 | 18.47 | 27+20 | FAP–F29(4), 1946

SCALE: (In Miles) 4" = 1 mile — 15, 16, 17, 18, 19, 20

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

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

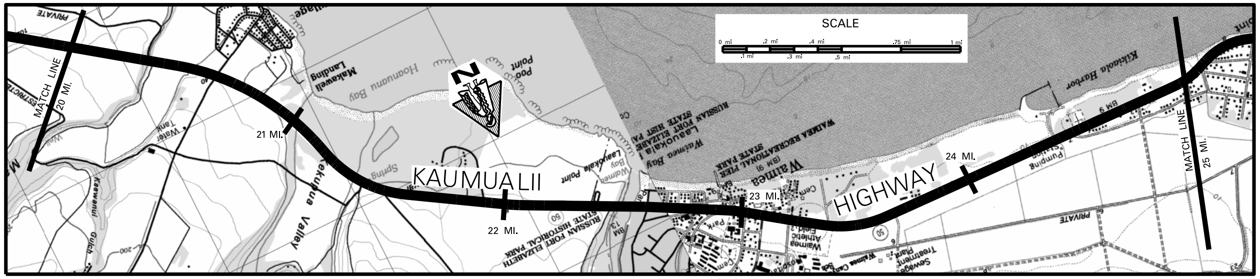
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

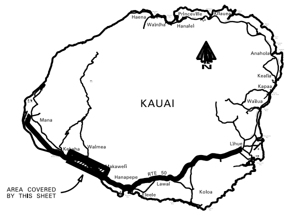
Total Designated Route Length: 32.918 MILES (a + b)
a. Existing Length: 32.918 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 32.918 MILES (a + b, less c)
a. Existing Length: 32.918 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



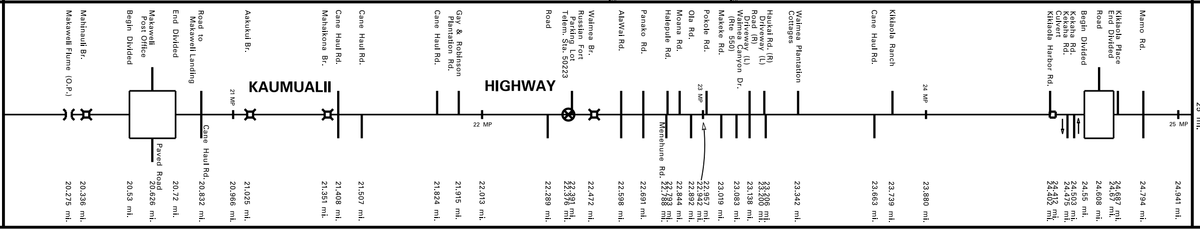
SCALE: (In Miles) 4″ = 1 mile — 20, 21, 22, 23, 24, 25

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



Road Diagram
* MP = Milepost Signage

CONTINUED FROM PAGE #4



CONTINUED ON PAGE #6

SCALE: (In Miles) 4″ = 1 mile — 20, 21, 22, 23, 24, 25

Item	Entries along route (mi. 20 to 25)
Undivided – Shoulder: Width and Type	6′–14′ AC; 22.44; 0; 23.03; 8′ AC; 23.21; 23.24 (6′ AC); 4′ AC
Undivided – Pavement: Width and Type	24′ AC; 12′ AC; 24′ AC; .30; 23′ AC; .10; 22′ AC; 11′ AC; 22′ AC
Undivided – Shoulder: Width and Type	6′ AC; 20.5; 0; 6′ AC; 0; 23.05; 4′ AC; 0; 4′ AC
Divided Highway – Median: Width and Type	MILLED CENTERLINE RUMBLE STRIP; .53; 0′–9′ Painted AC; .72; 20.74 MILLED CENTERLINE RUMBLE STRIP 22.37; 23.44 MILLED CENTERLINE RUMBLE STRIP; .55; 0′–13′ Painted AC; .67
Shoulder: Width and Type	0; 0
Pavement: Width and Type	12′ AC; 11′ AC
Shoulder: Width and Type	6′ AC; 4′ AC
Number of Traffic Lanes	2–12′; .30; 1–12′ 1–11′; .10; 2–11′
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.678 12′; .610 8′ Parking Lanes .074; .567 .608 .651
(Right Side)	.576 12′ .626; 13′ 13′ .238 .289 .340; 13′ .567 .598; .619 8′ Parking Lanes .050; 9′ 9′ 11′ Bus .179 .206 .242 .269; 11′ 11′
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	.464 3′ Conc. .259; 4′ Conc. .202
Curb and/or Gutter: Type (Right and Left)	.464 Conc. Curb .786 Conc. Curb .209; Conc. Curb .749 Conc. Curb .071; (Conc. Curb + 2′ Conc. Gutter); (Conc. Curb + 2′ Conc. Gutter)
Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL	.082 .026; .261 .519 .258 .517; .996 .075 .984 .071; .157 .402 .159; .668 .816 .667 .811; .131 .214 .039 .200; .442 .545 .602; .399 .447 .365 .419
Illumination: Type, Location and Number	(1) M.V. 20.66; 22.59 M.V. 22.96; 23.35 M.V.; 24.54 M.V.
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A; 24.96 B
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	B; 20.36; A; 20.51; B; 20.81; A; 21.35; B; 22.38; C; 22.57; B; 22.65; A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999); .472; Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2); 22.63; Flat (1)
Speed: 1–Design, 2–Posted	50 MPH ②; 20.41 45 MPH ②; 20.53 35 MPH ②; 20.57; 20.67 45 MPH ② 20.83; 20.68; 50 MPH ②; 22.20; 22.24; 35 MPH ②; 22.56; 22.59; 25 MPH ②; 23.38 35 MPH ②; 23.60 45 MPH ② 23.85; 50 MPH ②; 24.62 45 MPH ②; 24.76; 24.79; 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	None
Traffic Stations (Current Year)	P73 0050 02237; B73 0050 02269; B73 0050 02320; B73 0050 02568
HPMS Sections – AADT 2018	11,900; 11,700; 9,100; 6,800
HPMS Sections – AADT 2017	11,500; 22.47; 11,300; 23.08; 9,700; 24.47; 7,200
HPMS Sections – AADT 2016	11,100; 11,600; 9,000; 6,700
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	STP–050–1(040), PREVENTIVE MAINTENANCE, 2016 22.62
	21.36 50B–01–06M, REHABILITATION, 2014 22.47
	20.98 STP–050–1(25), GUARDRAIL/SHOULDER IMPR., 2005
	(HWY–K–02–98 (IMPRV.) 2000) 20.54 20.70; 21.34 50B–01–00M, Resurf., 2003 23.08
	STP–050–1(18), 1997 21.36; STP–050–1(12) (GUARDRL. & SHLDR. IMPRV.), 1995
	STP–050–1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995 22.50; 23.13 50B–01–67, 1967 24.34; (F–050–1(1), 1957)
	50B–02–93M (FOG SEALING), 1994; STP–050–1(10) (R), 1993 23.13; BD 66–341 (R) 1967 24.34; 24.36 BD 66–341 (R), 1967
	20.36 (HES–050–1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990); 50B–01–92M (R), 1992 22.50; 23.04 STP–050–1(13) (R), 1995
	50B–01–86M (R), 1986 21.39; HW–K–01–78M (R), 1978; 0+00; 206+00.1; 23.12 LT–K–03–80M (R), 1980; 492+94
	FAP–F29(4), 1946; 38+67.4; 22.04 FAP 29 A(1), 1938 22.78; FAP 29 D(1), 1940 22.96; 23.12 FAP 29D (1), 1941; 135+00; 24.13 DAWR 1, 1942 – 1944

SCALE: (In Miles) 4″ = 1 mile — 20, 21, 22, 23, 24, 25

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

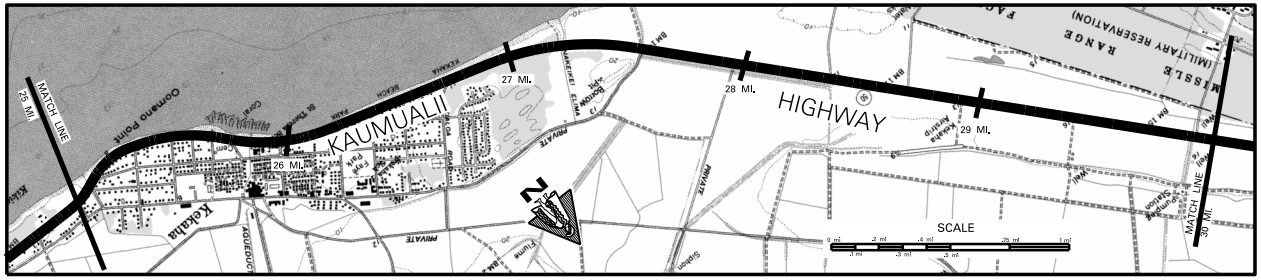
ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

25 26 27 28 29 30

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

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance: 42' — 42'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

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

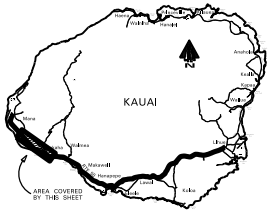
Right of Way Fence: Type – Right and Left: 5' Wood 29' FEP — WW 70' FEP — WW 70' FEP — WW 70' FEP

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

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

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

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



Road Diagram
MP = Milepost Signage

CONTINUED FROM SHEET #5

25 mi. — 30 mi.

Akaiko Rd. — Ehiapio Rd. / Manu Rd. — Aukuu Rd. — Puaa Rd. — Naio Rd. — Moho Rd. — Iwa Rd. — Kalk Rd. — Alae Rd. — Annahilt Rd. — Aleleele Rd. — Aialoa Rd. — KAUMUALII HIGHWAY — Bridge #4 — Bridge #3 — Bridge Road — Camp Haul Rd. — Beginn. Divided — Road — Beginn. Divided End Divided — Kekaha Landfill — End Divided — ECB (R) Road — Camp Haul Rd. — Tanner Dr.

26 MP — 27 MP — 28 MP — 30 MP

25.609 mi. — 25.641 mi. / 25.706 mi. — 25.356 mi. — 25.514 mi. — 25.599 mi. — 25.683 mi. — 25.763 mi. — 25.871 mi. / 25.940 mi. — 26.228 mi. — 26.372 mi. — 26.520 mi. — 26.688 mi. — 26.948 mi. — 27.277 mi. — 27.570 mi. / 27.642 mi. — 27.881 mi. — 28.03 mi. — 28.241 mi. / 28.34 mi. — 28.595 mi. — 28.745 mi. / 28.852 mi. — 29.283 mi. — 29.34 mi. — 29.419 mi. — 29.930 mi. / 29.940 mi. — 32.918 mi.

CONTINUED ON SHEET #7

SCALE: (In Miles) 4" = 1 mile

25 26 27 28 29 30

Undivided

Shoulder: Width and Type: 4' AC — 20' AC — 2' — (4' AC) — 5' AC — 2' — (34' AC) — 4' AC — 2' — 6' AC

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

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

Divided Highway

Median: Width and Type: MILLED CENTERLINE RUMBLE STRIP — 0'–11' Painted AC — 0'–18' Painted AC — MILLED CENTERLINE RUMBLE STRIP

Shoulder: Width and Type: 0 — 0

Pavement: Width and Type: 11' AC — 11' AC

Shoulder: Width and Type: 6' AC — 6' AC

Number of Traffic Lanes: 2–11'

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

(Right Side): 12' — 12'

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

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

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

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

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

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998) — Rural (99999)

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

Speed: 1–Design, 2–Posted: 35 MPH (D) — 50 MPH (P)

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

Traffic Stations (Current Year): B73 0050 02568 — B73 0050 02622 — B73 0050 02688

HPMS Sections – AADT 2018: 6,800 — 3,876 — 4,300

HPMS Sections – AADT 2017: 7,200 — 5,249 — 2,400

HPMS Sections – AADT 2016: 6,700 — 3,400 — 2,500

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits:
(F–050–1(1), 1957) — BR 050–3(8) (R), 1967 — BR–(1)2, 1997 — BR–(1)1, 1997 — IR–050–1(11), 1997 — BR–050–1(11), 1984 — BR–(1)2, (STORM DAMAGE RECONSTRUCTION), 1984 — STP–050–1(12), (GUARDRAIL AND SHOULDER IMPROVEMENTS), 2005 — 90AB–(5–3)BM, Pav't Marking, 2009 — STP–050–1(12), (GUARDRAIL & SHLDR IMPRV.), 1995 — 60A–(1–R)M (R), 1990 — STP–050–(10) (R), 1999 — SOE–(3–6)B (R), 1968 — HWY–K–(1–8)2M (R), 1968 — BD 66–341 (R), 1967 — LT–K–(3–8)M (R), 1968 — SOE–(3–6)B (R), 1968 — 50 (–(3–8)M (R), 1968 — DAWR 1, 1942 – 1944 — DAWR 1, 1942 – 1944

SCALE: (In Miles) 4" = 1 mile

25 26 27 28 29 30

Date Released
Nov. 2001

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

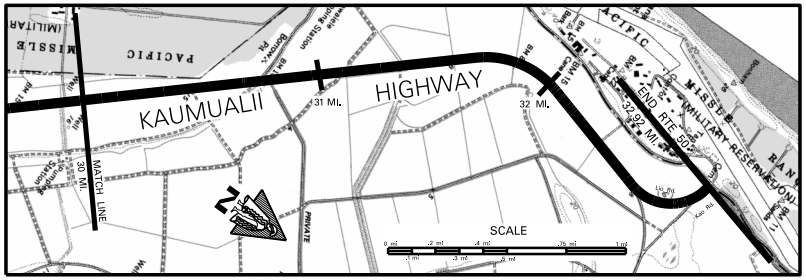
ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY, LIO RD., KAO RD.

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

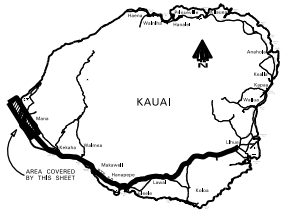
Total Designated Route Length:	32.918	MILES (a+b)
a. Existing Length:	32.918	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

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' (31.142); RC FLAT SLAB (CNL) HS-20, 1957 41' (31.570)
Vertical Clearance	
Horizontal Clearance	42' (31.142); 42' (31.570)
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 (31.90); (32.97)
Project No., Type of Construction, and Year Constructed	(31.90) STP-050-1(038), MARKINGS AND SIGNAGE, 2017
Project No., Type of Construction, and Year Constructed	STP-050-1(041), PREVENTIVE MAINENANCE, 2016 (30.95); STP-050-1(20), (GUARDRL, & SHLDR, IMPRV.), 2005 (31.90); 50A-01-02M 2004 RESURFACE



Road Diagram
* MP – Milepost Signage

CONTINUED FROM SHEET #6

30 mi.

Kia Rd. | Cane Haul Rd. | Bridge #2 | Bridge #1 | Inlilea Rd. | ECO | Hwy Spur | Kao Rd.

KAUMUALII HIGHWAY

31 MP | 32 MP | 32.97 MP

LIO RD. | KAO RD.

30.747 mi. | 30.795 mi. | 30.946 mi. | 31.142 mi. | 31.570 mi. | 31.990 mi. | 32.323 mi. | 32.428 mi. | 32.571 mi. | 32.918 mi. | 32.958 mi.

*32.918 mi.

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway, Undivided: Shoulder: Width and Type	6' AC
Pavement: Width and Type	22' AC; 20'-22' AC
Shoulder: Width and Type	6' AC
Divided Highway: 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'; 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; 30.95 (31.142) 30.95 (31.570); 32.571 (32.918)
Protective Devices: Type, Location and Number ALL GUARDRAILS METAL ON METAL	31.142 (31.570)
Illumination: Type, Location and Number	NONE; 32.571 (32.918)
Curves Class: +/– Degree (A(0–3,45) B(3,45–5,44) C(5,44–8,48) D(8,48–13,85) E(13,85–28,62) F(<28,62)	A; 32.571 (32.918) B; 32.918 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); 32.571 (32.918) 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	NONE
Traffic Stations (Current Year)	B73 0050 02668; B73 0050 03232
HPMS Sections – AADT 2018	4,300; 520
HPMS Sections – AADT 2017	2,400; 530
HPMS Sections – AADT 2016	2,500; 510
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(26), (GUARDRL,& SHLDR, IMPRV.), 2005 (30.95); STP-050-1(12) (GUARDRL,& SHLDR, IMPRV.), 1995 (30.95); 50A-01-02M 2004 RESURFACE (30.95); STP-050-1(12) (GUARDRL,& SHLDR, IMPRV.), 1995 (30.95); 50A-01-89M (R), 1990 (30.95); DAWR 1, 1942 (30.95); 1944 (30.95); 1946 (30.95); 1948 (30.95); 50A-01-70 (R), 1970 (30.95); 1980 (30.95); 1982 (30.95); 1984 (30.95)

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

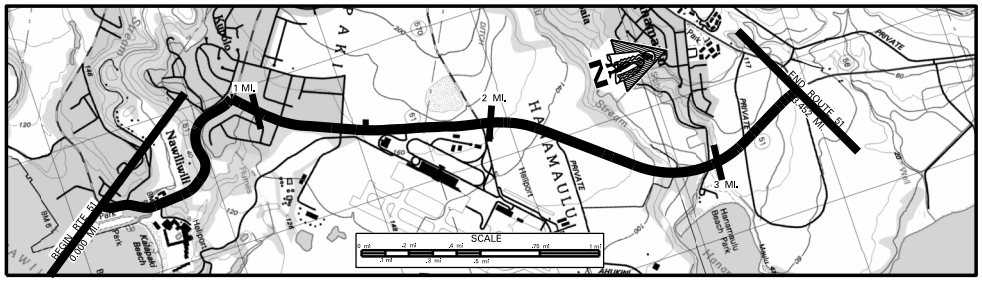
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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 Mokihi St. Center Line. — 51B (1.04 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed — SS-CONC. TEE 1933 H-15 — PRESTRESSED CONC. GIRDER, 1988 HS-20-40

Vertical Clearance — 50' — 14'0"

Horizontal Clearance — 24' — 40'

Structure Over Road

Vertical Clearance

Horizontal Clearance — 120'-285' — 120'-285'

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

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

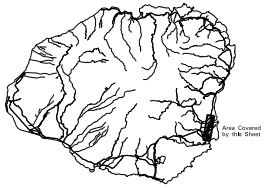
Right of Way Fence: Type – Right and Left — None

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

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

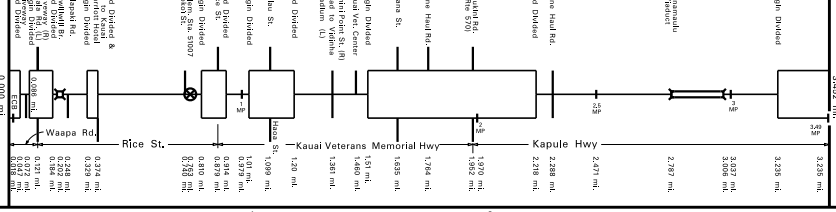
Project No., Type of Construction, and Year Constructed — NH-051-1(10), R, 2002 — 51B-01-17M, 2019, PAVE. REPAIR

Project No., Type of Construction, and Year Constructed — STP-0700(38), 1998 — STP-051-1(9), Impv., 2000 — DP-F-051-1(3), 1975 — STP-051-1(20), Impv., 2002 — NH-051-1(011), RESURFACE, 2014



Road Diagram

* MP – Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Undivided

Shoulder: Width and Type — 4'-6" Grs. — 4'-6" AC — 2' AC/ 8' Grass — 10' AC — 10' PCC — 8' PCC — 8' AC — 5' Bike Lane — 8' PCC — 8' UTW — 8' UTW — (8' AC)

Pavement: Width and Type — (27'/24' AC) (17'/12' AC) — 17'/12' AC — 23'/24' AC — (17'-12' AC) — 23'/24' AC — 17'/12' AC — 23'/24' AC — 11' Bo 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 — 2'-4' AC — 0 — 9' AC — 0 — 8'-10' PCC — 0 — 8' UTW — 8' PCC — 8' UTW — 0

Divided Highway

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 — 0

Pavement: Width and Type — 12' AC — 12' AC — 12' AC — 11' AC — 11' PCC — 11' PCC — 11' AC — 12' AC — (12' UTW) — 12' UTW — (12' AC)

Shoulder: Width and Type — 8'-10' AC — (8' AC) — 4' AC — 10' AC — 10' PCC — (5' Bike Lane) — 8'-10' PCC — 8'-10' AC — (8' UTW) — (5' Bike Lane) — 8' UTW — (8' AC)

Number of Traffic Lanes — Ch/Yl — 2 — Ch/Yl — 2 — 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 12' Turn Ch. Lane — 12' Turn Ch. Lane — 12' AUX. LANE

(Right Side)

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

Sidewalk: Width and Type (Right and Left) — (8' Conc.) — 5' Paved

Curb and/or Gutter: Type (Right and Left) — (Curb) (Conc. Curb) — Conc. Curb — Conc. Curb — (Curb) (Conc. Curb) — Conc. Curb — Conc. Curb — (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 — C — A — C — D — D — A

Superelevation (Range)

Grades Class: +/– % (A(0–,45) B(,45–2,45) C(2,45–4,45) D(4,45–6,45) E(6,45–8,45) F(< 8,45) — A — D — B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Small Urban (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) — on Uphill

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

Traffic Stations (Current Year) — P73 0051 00079 — B73 0051 00137 — B73 0051 00196

HPMS Sections – AADT 2018 — 13,600 — 15,400 — 24,300

HPMS Sections – AADT 2017 — 13,000 — 14,500 — 22,400

HPMS Sections – AADT 2016 — 13,400 — 12,800 — 17,800

DOD Sections

Census Tracts

Functional Classification — Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits — (STP-056-1(3), Realign, 1993) — 0.09 — 50E-05-49, 1969, Resurf. & Truck Climbing — 0.34 — 51B-01-92M, (R) 1993 — 1.20 — 51B-01-00M, 2001, Imprv. — 0.09 — 51E-06-2M, 2010 — 0.10 — 0.3 — 51B-01-00M, 2001, Imprv. — 0.09 — 50E-05-49, 1969, Resurf. — 0.28 — FAP E-1-A, 1932 — 50E-05-49, 1969 — 0.21 — 0.88 — (FAP-E-1-A, 1932) — 51B-01-92M, (R) 1993 — 1.50 — 51E-06-1(3), 1988 — 0.78 — DP-F-051-1(3), 1975 — 1.74 — F-051(7), 1988 — 2.09 — F-051-2(1), 1988 — 2.70 — F-051-1(8), 1988 — 0.39 — F-051-1(7), 1988

SCALE: (In Miles) 4" = 1 mile

Date Released
April 04 D.B.

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

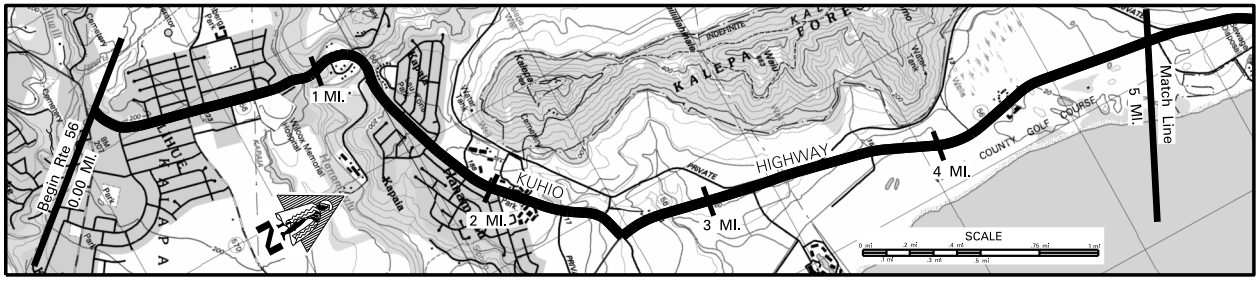
ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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

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

Structure Under Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) If varies — 85' 50' 70' 80' 60' 70' 80' 65' 70' 60' 100'

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

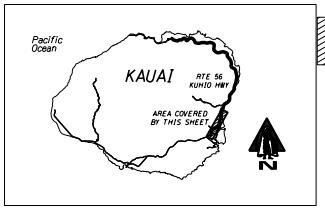
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't) — Chain Link 50' FEP (56A-01-04M, RESURF., 2005)

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

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

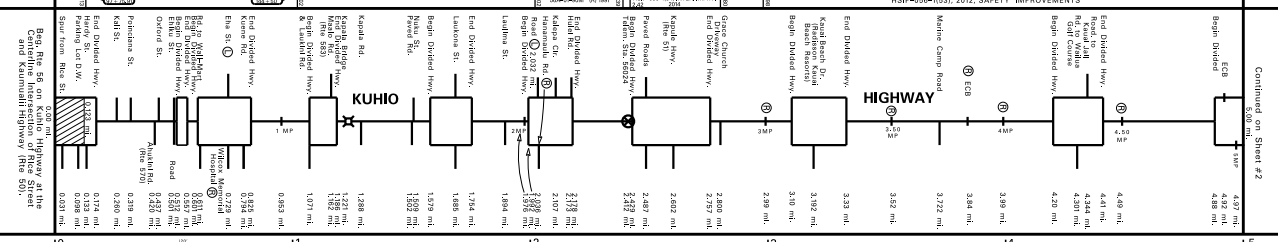
Project No., Type of Construction, and Year Constructed — 56A-01-00M 2004 RESURFACE; 56A-01-04M, RESURF., 2005; NH-056-1(058), RESURFACE, 2019

Project No., Type of Construction, and Year Constructed — 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

Undivided
- Shoulder: Width and Type — 2'–8' AC; 0'; 2' AC; 2'–5' AC; 4' AC; 6'–8' AC; 6' AC
- Pavement: Width and Type — 24' AC; 40' AC; 20' AC; 30' AC; 22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 12' AC; 10' AC; 30'/33' AC; 10'/11' AC; 30'/33' AC; 10'/11' AC; 30'/33' AC; 10'/11' AC
- Shoulder: Width and Type — 0'; 0'; 0'; 0'; 2'–4' AC; 0'; 7' AC; 4' AC; 0'; 6' AC; 0'; 6' AC; 0'; 6' AC

Divided Highway
- Median: Width and Type — 6' Raised Conc.; 0'–12' Painted AC; 0'–12' Painted AC; 0'–12' Painted AC; 0'–10' Painted AC; 0'–6' Painted AC; Mtlid C/L Rumble Strip; 0'–11' Painted AC; 0'–11' Painted AC
- Shoulder: Width and Type — 0'; 0'; 0'; 0'; 0'; 0'; 0'; 0'; 0'
- Pavement: Width and Type — 24' AC; 11' AC; 11' AC; 12' AC; 20'/21' AC; 20'/22' AC; 20'/22' AC
- Shoulder: Width and Type — 0'; 0'; 4' AC; 4' AC; 8' AC; 6' AC; 6' AC

Number of Traffic Lanes — 4–12'; 4–10'; 2–11'; 2–10'/11'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

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 5:03–8:30 AM — Traffic Flow

Area and Development: Small Urban (99998)

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

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

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

Traffic Stations (Current Year) — B73 0056 00003; B73 0056 00049; B73 0056 00150; P73 0056 00240; B73 0056 00260

HPMS Sections – AADT 2018 — 49,184; 20,196; 20,000; 15,300; 32,232

HPMS Sections – AADT 2017 — 47,333; 19,800; 18,600; 15,100; 31,600

HPMS Sections – AADT 2016 — 46,400; 19,600; 16,800; 15,500; 24,900

DOD Sections

Functional Classification — Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

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

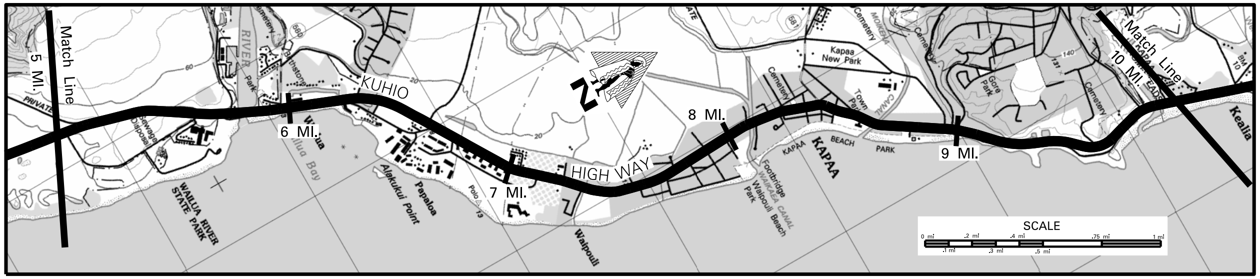
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

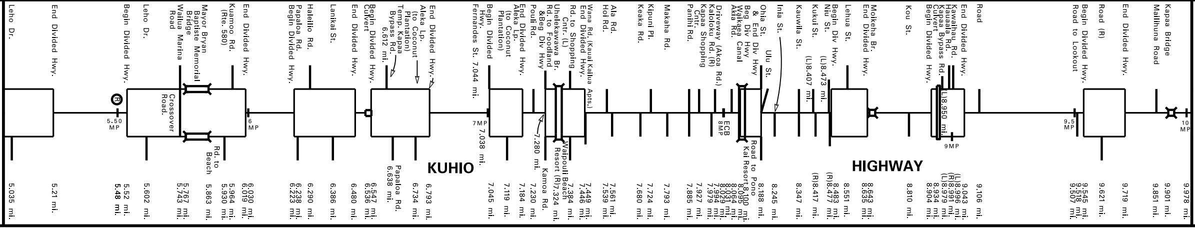
Total Designated Route Length: 28.119 MILES (a+b)
a. Existing Length: 28.119 MILES
b. Proposed Length: None MILES
Total Travel Way Length: 28.119 MILES (a+b, less c)
a. Existing Length: 28.119 MILES
b. Temporary Length: None MILES
c. Length used as T.W. for another Route: None MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______

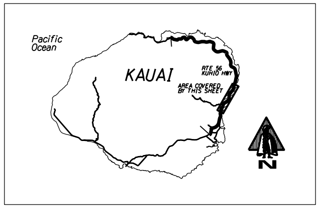


SCALE: (In Miles) 4" = 1 mile	5 · 6 · 7 · 8 · 9 · 10
Maintenance Control Sections : Length and Description	56A (9.86 MI.) · End 56A – Begin 56B on Kuhio Hwy. 100' North of Centerline Inersection with Mailihuna Rd. 9.86 · 56B (3.68 MI.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Tee Beam (RIV) 425' · 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'
Structure Carrying Road – Vertical Clearance	5.77 · 7.32 · 8.10 · 8.64 · 9.90
Structure Carrying Road – Horizontal Clearance	28' · 46' · 56' · 30' · 28'
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	100' 5.14 60' 5.69 80' 6.12 60' 8.16 70' 8.36 60' 8.59 Varies 80'–120' 8.81 50' 9.09 (Varies 50'–90') 9.13 50' 9.22 Varies 50'–80' 9.52 (70') 9.54 60' 9.65 50' 9.82 80' 9.86 100'
Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't)	Clear 1000' – Sugar Cane 20' FEP 5.85 Residential 6.38 (Sugar Cane – Clear 1000') 6.52 Resort / Residential 9.03 Open Range 9.74 Residential
Right of Way Fence: Type – Right and Left	2' FEP Chain Link 8.46 8.52 · 30' FEP W/W 9.28 9.39
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	388+32.20 · (STP–050–1(24), GUARDRAIL & SHLDR. IMPRV., 2005) · State · 518+36 · 46+00 · 568+50 · 3+10
Project No., Type of Construction, and Year Constructed	NH–056–1(058) RESURFACE, 2019 5.59 · 5.86 5.88 · 6.59 441+00 56A–01–12M RESURFACE 2015 8.08 · 8.23 5+10 56A–01–05M, RESURF., 2010 9.00 · ARR–056–1(52), RESURF., 2010 9.92
Project No., Type of Construction, and Year Constructed	HSIP–056–1(53), 2012, SAFETY IMPROVEMENTS 5.54 · STP–056–1(41) (R) 1999 5.77 · 56A–01–91 (Imprv.)1993 6.32 · 56A–01–92 (IMPRV.) 1993 7.36 · STP–056–1(37) (R) 1996 · (BR–STP–056–1(35), 2001 BRIDGE WIDENING) 8.05 → 8.23 · 56A–08–90 1991 8.65 · 56A–03–90M (R) 1991 8.91 ← 9.03 · (56A–01–97 ((L) TURN LANE) 1998) STP–0700 (28) (IMPRV.) 1994 9.81 · 56B–01–01M 2004 (R)

Continued from Sheet #1 5.00 mi.



Continued on Sheet #3 10.00 mi.



Road Diagram

* MP=Milepost Signage

SCALE: (In Miles) 4" = 1 mile	5 · 6 · 7 · 8 · 9 · 10
Undivided – Shoulder: Width and Type	6'AC 5.71 4'AC 5.91 6' AC 6.21 4'AC 7.21 2' AC 8.06 (22' AC) 0 8.99 4'–6' AC 9.70 10' AC 9.82 4' AC 9.94 8' AC
Undivided – Pavement: Width and Type	10'/11' AC .21 30'/33' AC · 10'/11' AC .59 11' AC · 33' AC · 11' AC · 33' AC · 11' AC · 33' AC · 11' AC · 33' AC · 11' AC · 22' AC · 11' AC .230 27' AC · 14' AC · 26' AC .800 24' AC · 12' AC · 24' AC · 11' AC · 23' AC
Undivided – Shoulder: Width and Type	0 · 6' AC .59 0 · 4' AC 6.05 6' AC · 0 · 4' AC · 0 · 4' AC · 0 · 4' AC · 0 · 6' AC 7.56 4' AC 8.07 0 · 0 · 0 · 0 · 0 8.68 12' AC · 0 · 6' AC 9.35 4'–6' AC · 0 · 6' AC
Divided Highway – Median: Width and Type	Milled C/L Rumble Strip · 0'–11' Painted AC .21 .52 · 0'–11' Painted AC .696 0'–105' Grass .754 105'–0' Guard-Rail .900 0'–7' Painted AC .019 · .223 0'–10' Painted AC .480 · .547 0'–12' Painted AC .793 · .045 0'–12' Painted AC .184 .280 0'–14' Painted AC .446 · (0'–13' Painted AC) .100 .188 · .483 0'–10' Painted AC .635 .904 · 0'–9' Painted AC .043 · .545 0'–11' Painted AC .719
Divided Highway – Shoulder: Width and Type	0 · .696 .754 0 .900 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0
Divided Highway – Pavement: Width and Type	20'/22' AC · 20'/22' AC .59 22' AC · 22' AC · 22' AC · 22' AC · 22' AC .384 ← (11' AC) · 11' AC · 13' AC · 12' AC · 12' AC
Divided Highway – Shoulder: Width and Type	6'AC · (6' AC) · 4' AC · (6' AC) 6.23 4' AC · 4' AC · 4' AC · 4' AC 7.33 6' AC · 0 · 0 · 12' AC 8.99 ← (6' AC) · (4'–6' AC) → 9.61 ← (6' AC)
Number of Traffic Lanes	1–10'/11' .59 · 2–10'/11' .59 · 1 – 11' · 2 – 11' .384 12' · 2–11' .897 .910 · .230 1–14' .800 · 1–13' .635 · 1–12' .545 · 1–12' · 1–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.035 11' 11' .11 · .634 Aux .964 11' .007 · .560 .602 .655 11' 11' · .900 10' .964 · .235 10' .290 · 10'10' .356 .386 .413 · .563 13' 12' .666 · .562 11' .612 .638 .665 · 13' 12' .700 .734 .769 · .961 Bus 10' .990 · 11' 11' .081 .119 .171 · 12' .184 .253 · 11' .311 .315 · .384 .414 11' .427 · .446 12' 2–Way (L) TL · .885 Bus 10' 2–Way (L) TL .927 .100 · .142 .188 10' .236 · .218 8' Parking .902 · .375 10' .417 · .496 14' .589 · 10'10'10' .916 .950 .979 .996 · .106 11' .157 · .580 13' 13' .672 · .851 13' .886
(Right Side)	11' 11' .035 .07 · 10' .891 .930 .942 · 2–Way (L) TL · 12' .892 11' 11' · 10' Bus .218 .230 .258 8' Parking .551 .623 · 12' 12' .556 .621 .699 · .953
Frontage Road: No. of Lanes, and Width (Right and Left)	.290 .356 · 2–Way (L) TL .184 .253 .280 10' .315 .342 .384 .439 · None
Sidewalk: Width and Type (Right and Left)	.290 Conc .356 · .240 Conc .422 · .187 · .322 Conc .561 · 5' Conc. .993 · .091 6' Conc. .683 · .964 6' CONC.
Curb and/or Gutter: Type (Right and Left)	(Conc. Curb) · .290 C. C. .356 · .240 Conc. Curb .422 · .187 · .322 Conc. Curb .561 · Conc. Curb .993 · .091 Conc. Curb .683 · .964 2' CONC. CURB & GUTTER
Protective Devices: Type, Location and Number — All Metal Rail on Metal Post	.042 · .429 .596 · .639 .863 · .760 .956 · .937 .223 · .234 .257 · .509 .540 · .521 .567 · .320 .342 · .319 .336 · .097 .150 · .084 .131 · .647 .665 · .643 .660 · .057 .075 · .349 .509 · .478 .512 · .546 .616 · .650 .768 · .861 .953 · .882
Illumination: Type, Location and Number	Mercury Vapor · 8.98
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A 5.35 B 5.43 A 5.66 C 5.71 D 5.78 A 5.87 B 5.91 A 6.98 B A/B 7.10 A 7.35 CAB C 7.49 A 8.23 B 8.26 A 8.38 D 8.45 A B A 8.64 C 8.7 A 8.96 B 9.00 A 9.38 B 9.49 A 9.55 C 9.69 A 9.81 C 9.91 A
Superelevation (Range)	7.06 · 7.43 · 8.54 · 8.59
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	(B) 5.02 C 5.12 A 6.52 A 8.74 B 9.13 A 9.43 B 9.87 A
Contra–Flow Lane	Contra–Flow 5:53–8:30 AM ← Traffic Flow 6.60
Area and Development:	Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (1) 8.99 Rolling (2)
Speed: 1–Design, 2–Posted	40 MPH (2) .524 25 MPH / 35 MPH .023 25 MPH (2) .403 35 MPH (2) .959 25 MPH (2) .052 35 MPH (2) / 25 MPH (2) .232 .231 40 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	2 Phase .964 · 3 Phase .290 · .399 · 3 Phase .280 · .384 3 Phase · 3 Phase .927 · 3 Phase .417
Traffic Stations (Current Year)	B73 0056 00260 · B73 0056 00596 · B73 0056 00880 · B73 0056 00899 · (B73 0056 01022)
HPMS Sections – AADT 2018	32,232 · 29,784 · 22,300 · 15,708 · 9.95 (17,000)
HPMS Sections – AADT 2017	31,600 · 29,200 · 8.18 22,500 · 15,950
HPMS Sections – AADT 2016	24,900 5.96 · 30,400 · 22,700 8.99 · 14,800 · 9.95 (14,800)
DOD Sections	
Functional Classification	Principal Arterial (3) · 9.96 (Minor Arterial (4))
National Highway System (NHS)	On NHS (1) · (Not on NHS (0))
Previous Projects: Project No., Date and Limits	(HWY–K–03–00 Imprv. 2003) → 5.24
	STP–056–1(41) (R) 1999
	STP–056–1(40) 1998 5.77 · 5.84 · STP–056–1(37) (R) 1996 · 8.07
	56A–01–90M (R) 1991 5.54 · 56A–01–91 (IMPRV.) 1993 6.34 · 7.32 · 56A–08–90 (IMPRV.) 1991 8.65 · 8.99 STP–0700 (28) (IMPRV.) 1994 · (56B–01–89M 1989 (R))
	(56C–01–87M 1987) · LT–K–02–79 (SHLDR. & GUARDRAIL IMPRV.) 1980 · 8.01 · 8.09 56A–03–90M (R) 1991 9.89
	56A–01–90M (R) 1991 · 5.84 · 56A–02–72 1976 6.01 · A56–02–65 (R) 1967 6.18 · 56A–02–72 1976 6.31 · HWY–K–01–77M (R) 1977 · 56A–01–72 1976 · 9.90 · 9.93 · (HWY–K–01–77M 1977)
	A–56–02–64 1968 5.54 · HWY–K–01–78M (R) 1978 7.51 · A56–02–65 (R) 1967 · 56A–01–74 1976 8.98 ← (56A–01–67 (R) 1967) · 9.75 · (56A–01–67 (R) 1967)
	F–12(18) 1950 5.76 · .86 F–12(18) 1950 · County .63 · 8.65 County · 9.00 F–12(18) 1950 9.72 · F–12(20) 1951
	← (F–12(15) 1948) · (F–12(14) 1945) ← 8.01 → · 8.12 · (F–12(14) 1945) →
SCALE: (In Miles) 4" = 1 mile	5 · 6 · 7 · 8 · 9 · 10

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

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

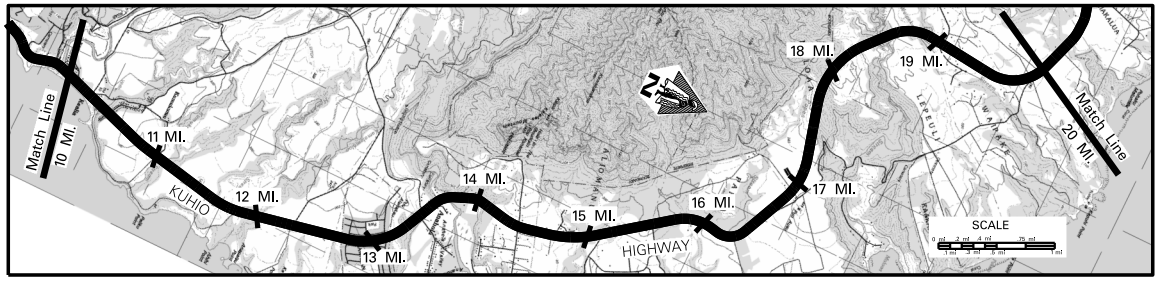
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

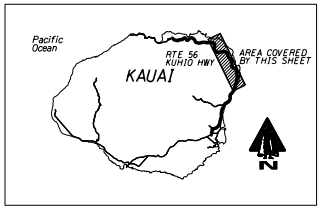
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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 ______

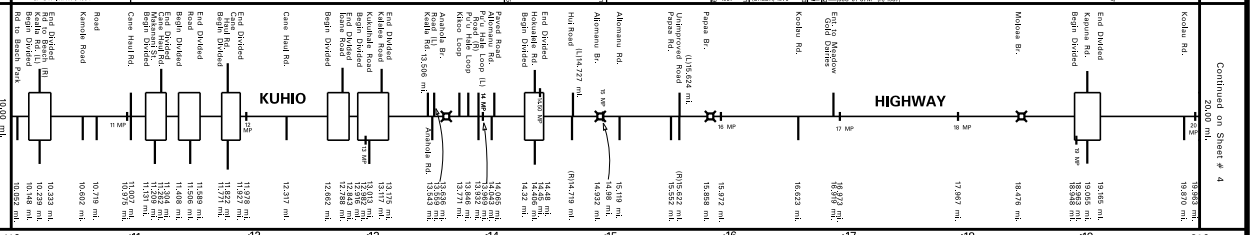


SCALE: (In Miles) 2" = 1 mile	10 11 12 13 14 15 16 17 18 19 20
Maintenance Control Sections: Length and Description	56 B (3.68 MI.) 13.54 ← End 56B and Begin 56C on Kuhio Hwy. at the Centerline Intersection with Anahola Rd. 56 C (9.82 MI.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC Box Girder (STR) 1960 214'; RC RGD FM FL SL (STR) 1960 20'; RC Deck Girder (GTR) 1957 68'; Prestressed Conc. Girder (STR) 1965 240'
Structure Carrying Road – Vertical Clearance	13.63; 14.93; 15.86; 18.48
Structure Carrying Road – Horizontal Clearance	28'; 28'; 40'; 28'
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	(100') (80')
Right of Way Width (min.–max.) if varies	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; 14.16 C.L. 14.30; C.L.; 15.16 C.L.; C.L. 15.60; 17.35 Wire on Wood 35' FEP 18.98; Wire on Wood 35' FEP
Control of Access: 1–None, 2–Partial, 3–Full	(25' FEP) (15' FEP) None (20' FEP)
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	84+75 State 19+00 45+60 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; 26+00; (STP-0700(58), GUARDRAILS, 2008) 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 19.27



Road Diagram

* MP=Milepost Signage



SCALE: (In Miles) 2" = 1 mile	10 11 12 13 14 15 16 17 18 19 20
Undivided – 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
Undivided – Pavement: Width and Type	23' AC; 11' AC; 22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 11' AC; .03 22' AC; 11' AC; ← (22' AC) 11' AC; 22' AC; .100 24' AC; 12' AC; 24' AC; .700 22' AC; 11' AC; 22' AC
Undivided – 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 13.96 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 .27; .948 0'–11' Painted AC .165
Divided Highway – Shoulder: Width and Type	0; 0; 0; 0; 0; 0; 0; 0
Divided Highway – Pavement: Width and Type	12' AC; 11' AC; 11' AC; 11' AC; 11' AC; 11' AC; 12' AC; 11' AC
Divided Highway – 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)	Bus 13' .185 12' .298; 11' 11' .164 .209 .259; 11' 11' .456 .506 .542; .822 .860 11'; 11' 11' .944 .013 Bus 10' .080 12'; .518 .545 Bus 11'; .851 .878 Bus 13'; .362 .406 12' 11' .491 12' 12'; 11' .055 13' .165 11'
(Right Side)	12' .239 12' 12' 12' Bus; 12' Bus 14' .719 17'; 11' 11'; 11' 11'; .690 .788; .050 .117 12' 11' Bus 10'; 13' 10'; 13' Bus; .359 .449 12'; .008 .102 10'
Frontage Road: No. of Lanes, and Width (Right and Left)	.052 .145 .246 .269 .609 .638 .679 .750 .139 .209 .270 .443 .506 .556 .966 .013 .037 .065 .492 .543 .596 .819 .844 .355 None .945 .055
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 .980 148 .489 .506 .639 .042 .038 .730 .036 .148 .293 .180 .510 .087 .103 .295 .785 .890 .803 .974 .958 .073 .300 .568 .460 .542 .033 .041 .279 .318 .503
Illumination: Type, Location and Number	10.21 10.24 11.01 .132 .475 .499 .631 .807 .899 .623 .671 12.76 M.V. .102 .177 .264 .337 .379 .586 .621 .749 .880 .415 .501 .617 .666 .747 .851 .897 .961 .000 .301 .895 .085 .139 .193 .244 .299 .526 .701 .752 .834 .941 .095 .134 .282 .403 .466 .539 .754 .836 .954 .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) 50 MPH (2) (45 MPH (2)) 35 MPH (2) .523 50 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	.339 .530 .683 .80 None
Traffic Stations (Current Year)	B73 0056 01022; B73 0056 01121; B73 0056 01355; B73 0056 01906; ← (B73 0056 02156)
HPMS Sections – AADT 2018	17,000; 17,200; 15,500; 13,100; ← (13,900)
HPMS Sections – AADT 2017	15,950 10.60; 16,300 13.55; 14,400 16.63; 12,200 19.87; ← (13,029)
HPMS Sections – AADT 2016	14,800; 15,600; 13,700; 10,600; ← (12,900)
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
	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
(HWY-K-01-77M 1977)	→ 10.25 56B-01-70(R) 1970 12.35 FR-0700(22) (R) 1983 14.01 50D-56AB-01-70 (SHLDRS.) 1970
(F-12(20) 1951)	→ 10.15 F-31(1) 1953 13.56 F-056-1(7) 1958 14.54 DF-056-1(6) 1958 15.62 ER-5(1) 1956 16.19 S-0560(2) UNIT 2 1963
SCALE: (In Miles) 2" = 1 mile	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.

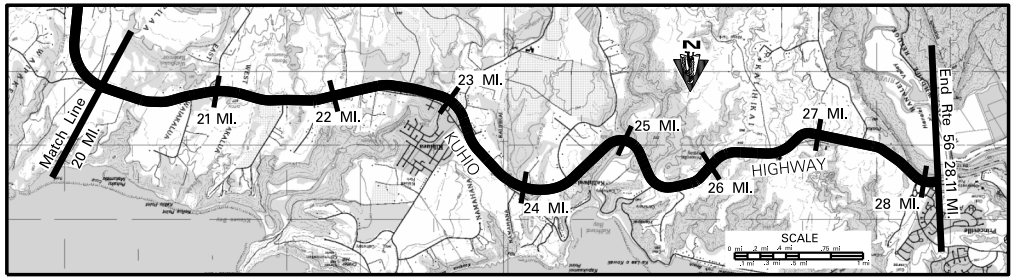
ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____

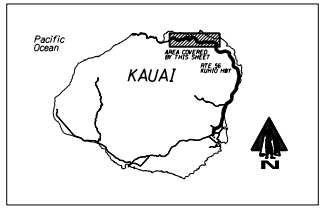


SCALE: (In Miles) 2" = 1 mile

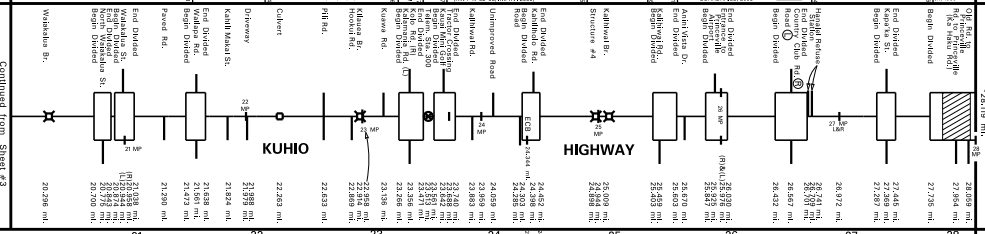
Maintenance Control Sections : Length and Description
56C (9.82 MI.) — End 56C = Begin 56D on Kuhio Hwy. at the Centerline Intersection with Kalo Rd. — 56D (4.75 MI.) — End 56D Same as End Route

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed
PrSt. Conc. Gdr. 1967 HS20 — Prestressed Beam 1973 HS20 — RC Slab Br. 1963 (CHN) — Prestressed Conc. 1963 (RW)
Vertical Clearance: 39' — 258' — 50' — 798'
Horizontal Clearance: 36' — 40' — 34' — 28'
Structure Over Road — Vertical Clearance
Horizontal Clearance

Right of Way Width (min.–max.) If varies: (80'–260') — 60'–500' — 100'–200' — 100' — 100' — Varies 160'–295' — 130' — 70'–200' — 40'
Available Right of Way Width (Needs Study): (Bushes & Trees) — Clear 1000' Sugar Cane — Residential — Trees — Grass & Small Trees
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't): Wire on Wood 35' FEP; Wire on Wood 35' FEP — Wire on Wood 10'–20' FEP; Wire on Wood 10'–20' FEP
Control of Access: 1–None, 2–Partial, 3–Full: None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State — 56D–01–07 RESURF 2012
Project No., Type of Construction, and Year Constructed: (56C–0–09, 2012, INTERSECTION IMPROVEMENTS) — 56C–03–08M, RESURF, 2010 — 56CD–01–09M, MARKINGS, 2015 — 56D–03–08M, RESURF, 2010 — 56D–01–08M, RESURF, 2010
Project No., Type of Construction, and Year Constructed: STP–056–1(42) (R) 1999 — 56C–0–30M (R) 1990 — STP–056–1(38) (R) 1996 — 56D–01–21–2R (R) 1993 — 56D–01–02–3R, IMPRV, 2000 — STP–2001(58) GUARDRAILS, 2008 — F–056–1(31) (New Alignment) 1993 — 56D–03–08M, RESURF, 2010 — 56D–01–08M, RESURF, 2010



Road Diagram
* MP = Milepost Signage



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "10 VIDEOLOG & 15 FEATURES" DATABASE. End Rte. 56 on Kuhio Highway at Route 560 (Same as Beg. Rte. 560) 28.296 mi. 28.264 mi.

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
Shoulder: Width and Type: 4' AC — 6' AC — 4' AC — 6' AC — 4'–8' AC — 8' AC — 4' AC — 8' AC — 4' AC — 7' AC — 6' AC
Pavement: Width and Type: 22' AC — 11' AC — 22' AC — 11' AC — 21' AC — 24' AC — 12' AC — 12' AC — 22' AC — 11' AC — 22' AC — 12' AC — 24' AC — 12' AC — 24' AC — 12' AC — 24' AC — 12' AC — 24' AC — 12' AC
Shoulder: Width and Type: 4' AC — 6'–12' AC — 0 — 6'–12' AC — 0 — 4'–6' AC — 16' AC — 6'–12' AC — 0 — 4'–8' AC — 0 — 4'–8' AC — 0 — 7' AC — 0 — 7' AC — 0 — 7' AC — 0 — 2' AC — 0
Median: Width and Type: (0–3' Painted AC) — (0–12' Painted AC) — 6'–12' AC — (0–12' Painted AC) — (0–12' Painted AC) — (0–3' Painted AC) — (0–12' Painted AC) — (0–15' Painted AC) — (0–3' Painted AC) — (0–15' Painted AC) — (0–3' Painted AC) — (0–3' 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 — 0 — 2' AC — 0
Pavement: Width and Type: 11' AC — 10' AC — 12' AC — 11' AC — 12' AC — 12' AC — 7' AC — 12' AC — 11' AC
Shoulder: Width and Type: 4' AC — 4' AC — 0'–12' AC — 0'–3' AC — 8' AC — 7' AC — 7' AC — 4' AC

Number of Traffic Lanes: 2–11' — 2–12' — 2–11' — 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): Bus — Bus — Bus
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left): None
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left): All 2' Conc. Gutters. — 6' AC Curbs
Protective Devices: Type, Location and Number: M/M = Metal Rails on Metal Posts
Illumination: Type, Location and Number: None
Curves Class: +/– Degree (A(0–3,45) B(3,46–5,44) C(5,44–8,48) D(8,48–13,85) E(13,85–28,62) F(< 28,62): A — A — C — A — C — A — A — B — A — A — B — A — A — B — A — A — C — 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): B — A — B — A — B — A — B — C — B — C — B — D — B — A — B — C — A — B — C — B — C — B — C
Contra Flow Lane
Area and Development: Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) — Mountainous (3) — Flat (1) — Rolling(2) — Flat (1)
Speed: 1–Design, 2–Posted: 50 MPH (2) — 40 MPH (2) — 50 MPH (2) — 40 MPH (2) — 35 MPH (2) — 40 MPH (2) — 35 MPH (2) — (Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing: None
Traffic Stations (Current Year): 873 0056 02556 — P73 0000 00300 — 873 0056 02592
HPMS Sections – AADT 2018: 13,900 — 15,200 — 14,200
HPMS Sections – AADT 2017: 13,029 — 15,500 — 13,100
HPMS Sections – AADT 2016: 12,900 — 15,000 — 13,300
DOD Sections
Functional Classification: Minor Arterial (4)
National Highway System (NHS): Not on NHS (0)
Previous Projects: Project No., Date and Limits: 56C–01–90M (R) 1990 — STP–056–1(38) (R) 1996 — (HWY–K–01–07M, PAVEMENT MARKING, 2007) — F–056–1(31) (New Alignment) 1993 — STP–056–1(38) 1996
56C–0–97M (R) 1987 — 56C–0–66AB–01–70 1970 — 50D–01–92M (R) 1993
(56C–0–66AB–01–70) 1970 — F–056–1(8) 1967 — DP–RF–056–1(10) (New Alignment) 1973 — HWY–K–01–77M (R) 1977 (E8–7)11 (L–2) 1982 — HWY–K–01–77M (R) 1977 — COUNTY — L7–K–02–80M 1980 (R)

SCALE: (In Miles) 2" = 1 mile

Date Released
Nov. 2001

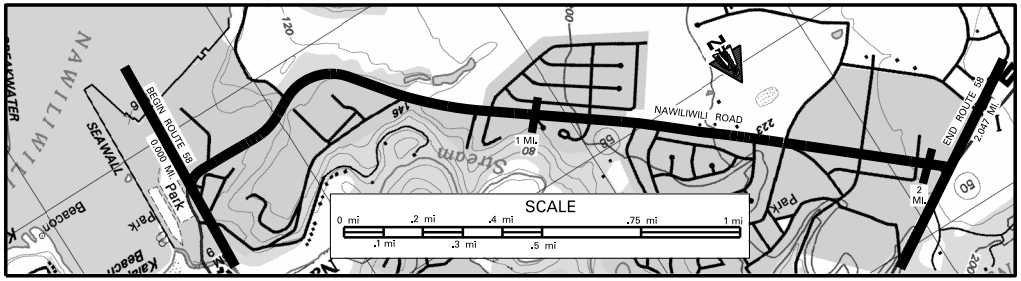
Revised	
Aug. 04	D.B.
Sept. 06	D.B.
Feb. 08	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan. 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.

ROAD INVENTORY
KAUAI RTE 58
NAWILIWILI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 2.047 miles
- a. Survey Length: 2.047 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: Beg. 58A on Nawiliwili Rd. at the centerline intersection with Waapa Rd. (Rte 51) — 58 A (2.06 mi.) — End 58 A same as end route

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

Structure Over Road: Vertical Clearance; Horizontal Clearance

Right of Way Width (min.-max.) If varies: 80' | 140' | 150' | 110' | 90' | 110' | 100' | 80' | 120'

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

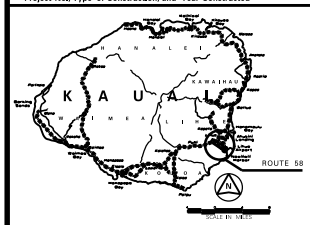
Right of Way Fence: Type – Right and Left: Chain Link | Chain Link

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

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

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

Project No., Type of Construction, and Year Constructed: NH-058-1(3), Resurface, 2002; NH-081-1(10), Resurf., 2002



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) & KALIHEA STREET (R)

NAWILIWILI ROAD

Wilcox Rd. & Beg. Div. Hwy. | Niumalu Rd. | Lala Rd. | Eleki Pl. | Apapane St. | Beg. Measured Begin Divided | Nokekula Cir. (R) | Nokekula St. (L) | Ahsahs St. (Grove Farm Museum) End Divided | Talem. Sta. 58B14 Begin Divided | Kamani St. | Plake St. | Rd. to Kalaheo Hale (Grove Farm Mus.) (L) | Rd. to Kalaui Grove Shopping Center (L) | Kalaui Grove St. (R) | Rd. to Kalaui Grove Shopping Center (L)

0 MP | 1 MP | 2 MP

0.000 mi. | 0.179 mi. | 0.356 mi. | 0.354 mi. | 0.582 mi. | 0.849 mi. | 0.891 mi. | 0.924 mi. | 1.000 mi. | 0.980 mi. | 1.136 mi. | 1.233 mi. | 1.260 mi. | 1.314 mi. | 1.435 mi. | 1.414 mi. | 1.557 mi. | 1.634 mi. | 1.827 mi. | 1.972 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "15 VIDEOLOG & "15 FEATURES" DATABASE.
END RTE. 58 ON NAWILIWILI ROAD AT THE SOUTH E.P. OF KAUMUALII HIGHWAY (RTE 50)
*2.047 mi.

SCALE: (In Miles) 4" = 1 mile

Undivided Highway — Shoulder: Width and Type: 8' AC | 10' Dirt | 4' AC | 9' AC | 4' AC | 10' AC (4 PCC BIKE LANE)

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

Shoulder: Width and Type: 0 | 10' (Un) | 8'-10' AC | 4'-22' AC | 0 | 9' AC | 4' AC | 0

Divided Highway — Median: Width and Type: 0'-33' Painted AC | 0'-11' Painted AC | 0'-20' Paint | 0'-20' Raised Grass | 0'-33' Filled Conc.

Shoulder: Width and Type: 0 | 0 | 0

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

Shoulder: Width and Type: 8' AC | 4' AC (2 PCC BIKE LANE) | 10' AC

Number of Traffic Lanes: 2-11' | 2-11' | 2-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): All 12' T.Ln. — (Right Side): All 12' T.Ln.

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

Sidewalk: Width and Type (Right and Left): (Same as 3-11' Through Lanes) | 8' Conc.

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

Protective Devices: Type, Location and Number: All Guardrail: M/M — 8' Chainlink Fence

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

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

Speed: 1–Design, 2–Posted: 25 MPH (3) Not Posted | 35 MPH | 40 MPH (2) | 35 MPH (2) 35 MPH (2)

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

Traffic Stations (Current Year): B73 0058 00008 | B73 0058 00034 | P73 0058 00164 | B73 0058 00189

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

HPMS Sections – AADT 2017: 10,200 | 12,200 | 7,000

HPMS Sections – AADT 2016: 11,700 | 8,700 | 11,500 | 6,500

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits: 0.11 HWY-E-01-07 Improvements, 1987 | 0.08 | NH-0-081-(8)M, Resurface, 1988 | 58-D-3 (Reconstruction) 1971 | S-0141(1) 1954, 55 | F-058-1(1), 1991 | 2.12 | 1.8-2.2 | 10.1-12.2

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug. 2004, D.B.

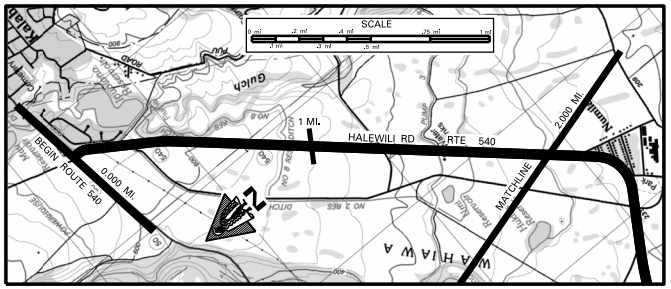
Revised	
Jan. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan. 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Nov. 18	D.B.

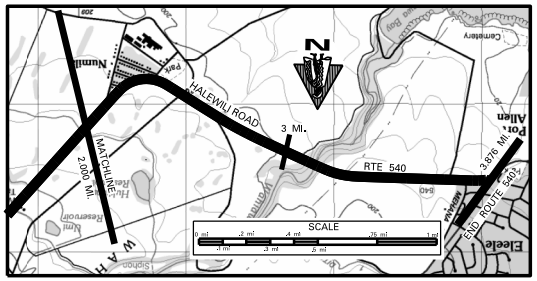
ROAD INVENTORY
KAUAI RTE 540
HALEWILI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

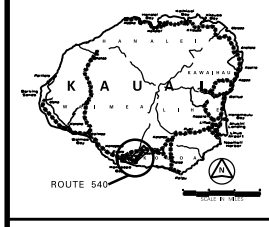
Total Route Length: 3.876 miles
- a. Survey Length: 3.876 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles





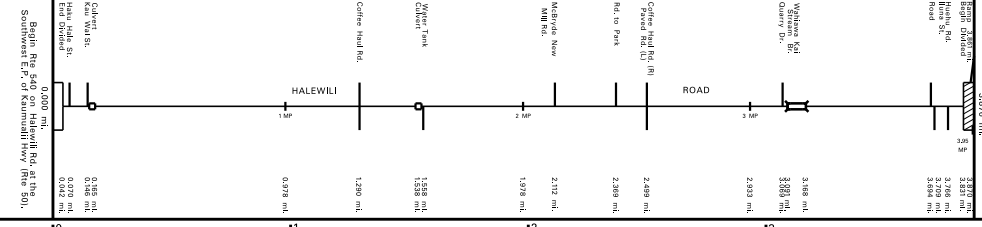
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	Begin 540A on Halewili Rd, 30' S.W. of centerline of Kaumualii Hwy. (Rte 50) — 540 A (3.90 mi.) — End 540A on Halewili Rd, 220' N.E. (Measured along the S.W. Boundary of the Centerline Intersection w/ Kaumualii Hwy
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Prestressed Beam 1950 (1974) H-20 — 408'
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	48'
Structure Crossing Road: Vertical Clearance	
Structure Crossing Road: Horizontal Clearance	
Right of Way Width (min.-max.) If varies	60' 60' 80' 65'
Available Right of Way Width (Needs Study)	Clear 1000' – Sugar Cane 20' from E.P. — Residential — Clear 1000' – Sugar Cane 20' from E.P.
Right of Way Fence: Type – Right and Left	None
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	STP-0540(3), (R), 2007
Project No., Type of Construction, and Year Constructed	STP-0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS



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

Undivided Highway: Shoulder: Width and Type	6' AC — 12' AC — 6' AC
Undivided Highway: Pavement: Width and Type	(12' AC) — 24' AC — (12' AC)
Undivided Highway: Shoulder: Width and Type	6' AC — 12' AC 6' AC 12' AC — 6' AC
Divided Highway: Median: Width and Type	(10'-16') Paved AC — (AC Curb, (17-631) & Flush Grass (0'-40'), "W" Rail Fdtn (No SURFACE)
Divided Highway: Median Barriers:	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	(12' AC) — (12' AC)
Divided Highway: Shoulder: Width and Type	(20' Grass) — (10' Grass)
Number of Traffic Lanes	2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	(Same as Through Lane)
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	Metal Rails on Metal Posts
Illumination: Type, Location and Number	
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	(F) D A C A
Superelevation (Range)	
Grades Class: +/– % (A(0–1.45) B(1.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	C D C B A B C B C
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2)
Speed: 1–Design, 2–Posted	(Not Posted) 35 MPH (2) 50 MPH (2) 35 MPH (2) 50 MPH (2) 35 MPH (2) 25 MPH (2) (Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	873 0540 00014
HPMS Sections – AADT 2018	2,900
HPMS Sections – AADT 2017	3,100
HPMS Sections – AADT 2016	2,500
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	STP-270-(16) (Shoulder and Guardrail Improvements), 1987 — 540A-01-02M 2004 RESURFACE — HWY-C-(5)-01M (Resurface), 1991 — 540A-01-72 (Resurface), 1972 — FAS 5A(1), 1939 — S-5(3), 1950 — S-540(1), 1970 — 540A-01-72 (Resurface), 1972 — (Spur - Port Allen Leg)

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug. 2004, D.B.

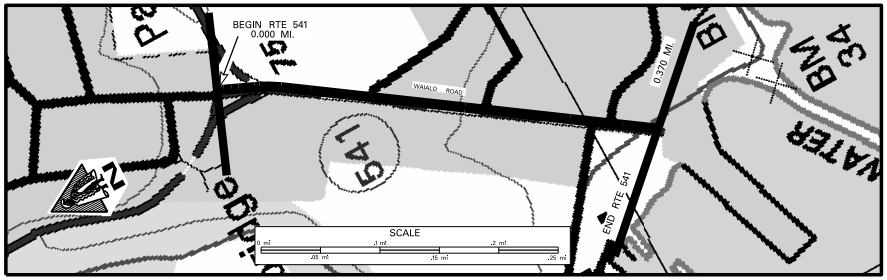
Revised	
Sept. 06	D.B.
Feb. 08	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

ROAD INVENTORY
KAUAI RTE 541
WAIALO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

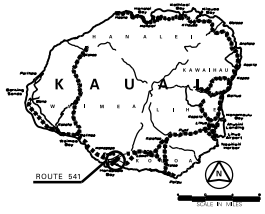
Total Route Length: 0.370 miles
- a. Survey Length: 0.370 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

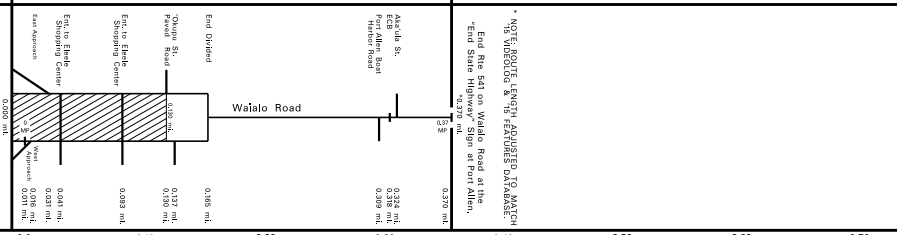
0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description	Begin 541 A on Waialo Road at Centerline of Kaumualii Hwy. 541 A (0.37 mi.) End 541 A Same as End Route.	
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed		
Vertical Clearance		
Horizontal Clearance		
Structure Over Road: Vertical Clearance		
Horizontal Clearance		
Right of Way Width (min.–max.) If varies	Varies 0.000 mi. ←→R/W is 40' from Centerline of Approaches 100' 0.370 mi. 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	541A–01–04M, Resurf., 2008	
Project No., Type of Construction, and Year Constructed	541A–01–89M (R) 1990	



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 20" = 1 mile

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

Divided Highway, Undivided: Shoulder: Width and Type	5'–12' AC	0.370 6'–8' AC
Pavement: Width and Type	16' AC 0.000 20' AC	(30' AC) 25'–26' AC
Shoulder: Width and Type	0	10' Dirt 0.370 6' AC 0.000 10' AC
Divided Highway: Median: Width and Type	4'–15' Raised Grass 0.165 4' Raised Grass 0.165 0'–5' Paint 0.165	
Shoulder: Width and Type	0	
Pavement: Width and Type	15'–18' AC 0.165 22' AC 0.165 10' AC	
Shoulder: Width and Type	10' Dirt 0.165 4' AC 0.165 10' Dirt	
Number of Traffic Lanes	0.165 0.165 0.370	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1–(10–18') 0.165 0.165 1–17 0.165 1–10' 0.165 1–(7/16'	
(Right Side)	1' 0.165 0.165 0.137 0.170	
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 0.000 B 0.170 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 0.370 B	
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:	Small Urban (99998)	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2) 0.165	
Speed: 1–Design, 2–Posted	Not Posted 35 MPH (2) Not Posted	
Intersection Control Devices: Type, Location and Cycle Timing	0.000	
Traffic Stations (Current Year)	873 0541 00014	
HPMS Sections – AADT 2018	3,000	
HPMS Sections – AADT 2017	3,434	
HPMS Sections – AADT 2016	3,400	
DOD Sections		
Census Tracts		
Functional Classification	Major Collector (5)	
National Highway System (NHS)	Not on NHS (0)	
Previous Projects: Project No., Date and Limits		
	FAP 12 J. 1939	

SCALE: (In Miles) 20" = 1 mile

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

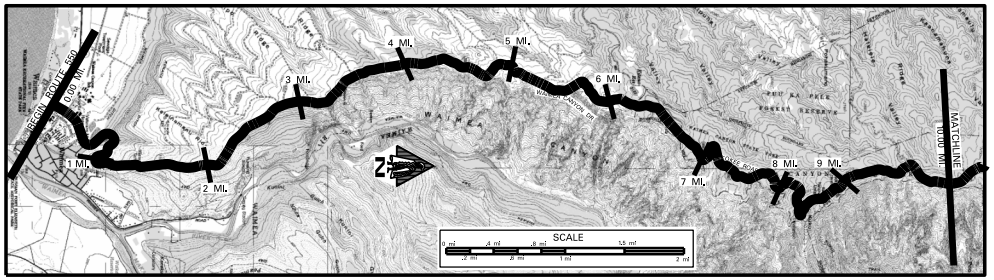
Date Released
Sept. 2004, D.B.
Revised
Mar. 09 D.B.
Dec. 09 D.B.
Sept. 10 D.B.
Feb. 11 D.B.
Feb. 12 D.B.
Sept. 12 E.P.J.
Dec. 13 D.B.
July 14 D.B.
Jan 16 C.R.
Aug. 16 D.B.
Feb. 18 D.B.
Feb. 19 D.B.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description
BEG. 550 A ON WAIMEA CANYON DRIVE AT CENTERLINE WITH KAUMUALII HWY. (RTE. 50) — 550 A (6.73 MI.) — END 550A & BEG. 550 B ON WAIMEA CANYON DR. 90' S.E. OF THE CENTERLINE INTERSECTION WITH KOKEE RD. — 550 B (7.37 MI.)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) If varies — 40' (0.00–0.07), 80' (0.07–0.50), 40' (0.50–0.70), 80' (0.70–10.00)

Available Right of Way Width (Needs Study) — RESIDENTIAL (0.00–0.07); CLEAR 1000' BUSHES AND GRASS (0.07–0.50); TREES (0.50–10.00)

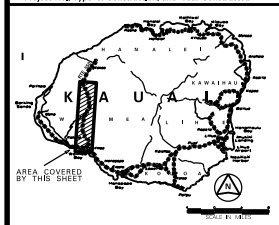
Right of Way Fence: Type – Right and Left — NONE; SILT FENCE (0.50–0.52)

Control of Access: 1–None, 2–Partial, 3–Full — 1 (0.00–0.07); 3 (0.07–10.00)

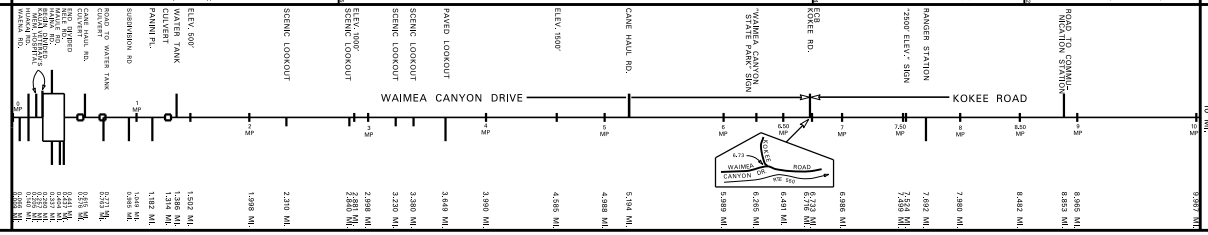
Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — STATE; STP-0550(004),(R),2015 (0.07–0.50); STP-0700(58),GUARDRAIL & SHOULDER IMPV., 2008 (0.50–10.00)

Project No., Type of Construction, and Year Constructed — 550AB-01-06,GUARDRAIL & SHOULDER IMPV., 2012; 550A-01-01M, (RESURF.) 2002

Project No., Type of Construction, and Year Constructed — 550A-01-95M (RESURF), 1996; 350A-01-90M, RESURF, 1990; 550B-01-92M, 1992 (R); 550B-01-91M (RESURFACE) 1991



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Undivided Highway
- Shoulder: Width and Type — 4'-6' GRAVEL; 4'-6' GRAVEL; 6' GRAVEL; 2'-4' GRASS; 2'-4' GRASS; 2'-6' DIRT; VARIES 2'-6' GRAVEL; 2'-6' GRASS
- Pavement: Width and Type — 18' AC; 9' AC; 18' AC; 16' AC; 16'-24' AC
- Shoulder: Width and Type — 0; 6' GRASS; 6' GRASS; 4' AC; 6' DIRT; 4' GRASS; 2'-6' GRASS; 6'-8'; 10'; 2' GRAVEL; 0'-2' DIRT
- Median: Width and Type — (10' PAINTED AC); (6' MILLED RUMBLE STRIP)

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

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

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

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

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

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

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

Illumination: Type, Location and Number — MV

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — SMALL URBAN (99998)

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

Speed: 1–Design, 2–Posted — 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — 873 0550 00000; 873 0550 00118; 873 0550 00072

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

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

HPMS Sections – AADT 2016 — 2,700; 1,100; 1,400

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-4-(3-6)(M (R) 1963
- HYY-3-(3-7), 1970 (R)
- RS-0550(2 RESURFACE SAFETY & IMPROV., 1982
- LAND AND NATURAL RESOURCES (BONST.& MAINT. BY D.O.T.) 1963
- (550B-(1-7), (RESURF), 1974
- 550-A-(3-7), (R), 1973
- COUNTY

SCALE: (In Miles) 2" = 1 mile

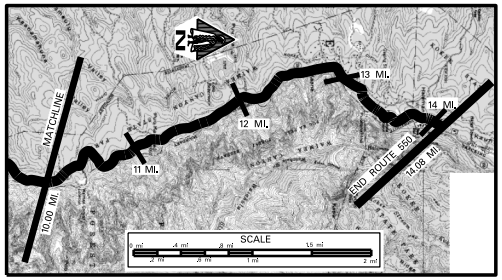
Date Released	
Sept. 04	D.B.
Revised	
Sept. 06	D.B.
Mar. 09	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan. 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

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**



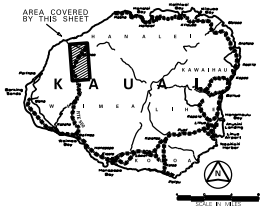
SCALE: (In Miles) 2" = 1 mile

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

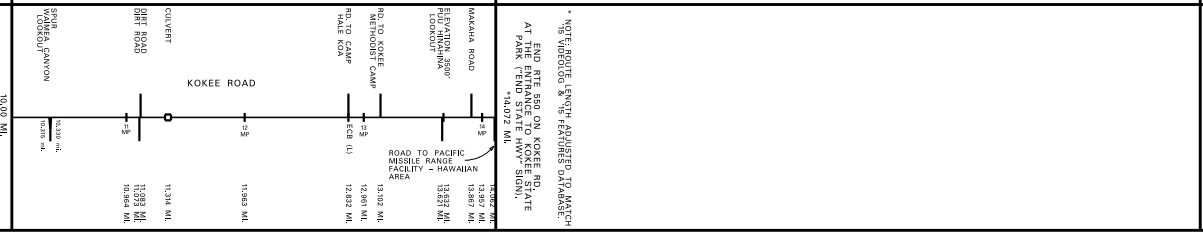
Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

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



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: VARIES 2'–5' GRASS
- Pavement: Width and Type: 16'–22' AC
- Shoulder: Width and Type: 0'–2' DIRT; 4'–6' GRASS; 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
Illumination: Type, Location and Number: NONE
Curves Class: +/– Degree (A(0–3,45) B(3,45–5,44) C(5,44–8,48) D(8,48–13,85) E(13,85–28,62) F(< 28,62)
Superelevation (Range)
Grades Class: +/– % (A(0–,45) B(,45–2,45) C(2,45–4,45) D(4,45–6,45) E(6,45–8,45) F(< 8,45)
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: SMALL URBAN (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted: 25 MPH (2) (NOT POSTED)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): 873 0550 00872
HPMS Sections – AADT 2018: 1,632
HPMS Sections – AADT 2017: 1,600
HPMS Sections – AADT 2016: 1,400
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 (R) 1973; 550 COUNTY; 550B -01- (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.

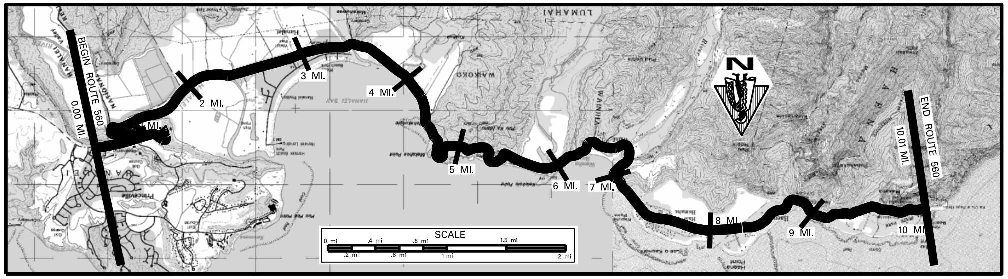
ROAD INVENTORY
KAUAI RTE 560
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

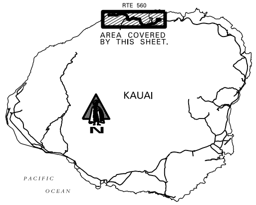
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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	0 1 2 3 4 5 6 7 8 9 10
Maintenance Control Sections : Length and Description	Begin 560 A same as Begin Route. — 560 A (10.01 mi.) — End 560 A same as End Route 560.
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Steel Pratt Truss 1912 H–10, 113' (1.20) R.C. Flat Slab 1912, H–15, 90' (3.39) R.C. Flat Slab 1912, H–15, 188' (3.91) R.C. Flat Slab 1913, H–10, 45' (4.21) Cont. Concrete 1968 HS 20, 538' (5.87) Steel Truss Deck 1969, H10, 42' (6.39) Steel Truss Deck 1973, H15, 78' (6.65) Steel Truss Deck 1975, H15, 146' (6.68)
Vertical Clearance	1.20; 3.39; 3.91; 4.21; 5.87; 6.39; 6.65; 6.68
Horizontal Clearance	17'; 13'; 13'; 13'; 28'; 10'; 10'; 14'
Structure Over Road — Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	40'; 5.78 80'–125' 5.99; 40'
Available Right of Way Width (Needs Study)	Grass and Small Trees; 2.32 Residential; 3.82 Trees and Brush; 5.87; 6.35 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.)	1.89 Wire 10' 2.18; Wood 8' 3.00–3.11; Chain Link 6' 3.17; 3.60 Wire 15'–25' 3.81; 5.73 Wire 50' 5.87; Wire 6' 6.56–6.59; Chain Link 6' 7.41–7.44; Wood 10' 7.65–7.67; Wire 10' 8.09–8.14; Wire 6' 8.14–8.24; Wire 10' 8.29–8.32; Wire 8' 8.50–8.53
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	469+92; 305+71; State
Project No., Type of Construction, and Year Constructed	1.11 HRR–0560(12), SAFTEY IMPROVEMENTS, 2014 4.22
Project No., Type of Construction, and Year Constructed	0.01 560A–03–99, SHLDR. IMPRV. 2005 .003

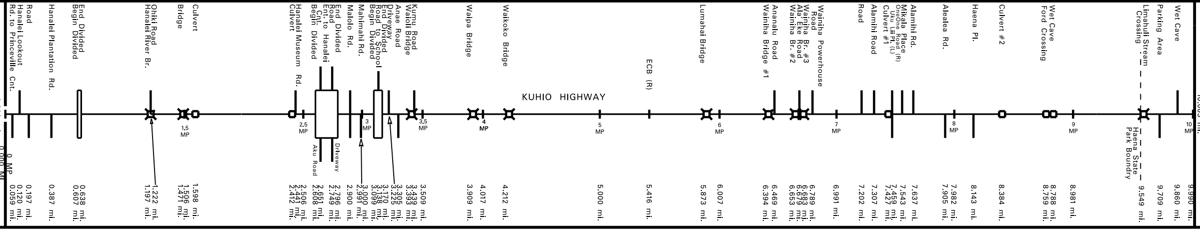


Road Diagram

* 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.

SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10
Undivided — Shoulder: Width and Type	2' AC/6' Grs. .38; 1'–2' AC; 4'–6' AC; 2.85 (9'–10' AC); 2' AC; 3.39 4' Grs. 4.88; 0 5.19; 6' Grs. 5.42; 0 5.63; 8' Grs. 5.88; (4' PCC) 0 6.41; 2' Grass 6.85; 0 7.05; 4' Grass 8.64; 0'–2' Grass 8.83; 0'–2' AC
Pavement: Width and Type	20'–24' AC; (10'–12' AC); 19'–22' AC .900; 19'–20' AC; 9'–10' AC; 19'–20' AC; 19'–20' AC .300; 18'–21' AC .700; 18'–22' AC; 5.99 18'–22' AC .700; 18'–20' AC .500; 18'–23' AC
Shoulder: Width and Type	2' AC/6' Grass .46; 1' AC; (0'); 1' AC 1.25; 1' AC/6' Grass 1.67; 2' AC/6' Grass 2.41; 2' AC; (2' AC) 0; 2.83 2' AC/8' Grs.; 0; 3.37 0 3.57; 8' Grs. 4.57; 0'–1' AC; (18'–22' PCC) 5.88; 4' PCC; 0 6.34; 2'–4' Grs. 6.93; 0 7.09; 6'–8' Grass 8.83; 0'–2' AC
Divided Highway — Median: Width and Type	(0'–5' Paint); (0'–10' Painted AC); (0'–7' Painted AC); (2' AC/10' Grs.)
Median Barriers:	.607 .638; .608; .796 .099; .170
Shoulder: Width and Type	(0'); 0; 0
Pavement: Width and Type	(10'–12' AC); 2.64 10' AC; (10' AC)
Shoulder: Width and Type	(1'AC); (1' AC) 2' AC; (2' AC/10' Grass)
Number of Traffic Lanes	1–(10'–12') .638; 1–(10'–12') .900; 1–(9'–10') .700; 1–10' .300; 1–(9'–11') .700; 1–(9'–11'); 1–9' .500; 1–(8'–11'); 1–(10'–12')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	10' .651 .675 .729; .773 10' .772 10'; .114 .138
(Right Side)	Bus 12' .003 .033; 11' .161 .197; 11' .327 .387; 10' .626 .723; .749 10'; 9'
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	.054 .066 (Conc. Gutter); .348 .403; .606 5' .745; .111 .174 4'
Curb and/or Gutter: Type (Right and Left)	.034 .086; .391 .409; .145 .178 (Conc. Gutter); .010 .022; .632 5' .768; .781 (Conc. Curb); (2' Conc. Curb & Gutter); .372 .420 (Conc. Gutter)
Protective Devices: Type, Location and Number (All Metal on Metal unless otherwise noted.)	.384 .420 (Conc. Barrier); .103 .125; (Conc. Barrier) .293 .302 .386 .408; .654; .389 .379
Illumination: Type, Location and Number	2.32 14 M.V. 3.31; 6.33 5 M.V. 6.73
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A 0.45 DA FD E 0.80 A BAC FB C AC B 1.51 A 1.67 B AB 1.92 A 2.24 BD 2.38 A 2.90 BAB 3.05 A 3.34 EAE A C 3.61 A 3.93 C 3.99 A 4.17 CA AC ED AC EBC F EA CE FDA 5.18 E 5.44 DF 5.54 A 5.80 B 6.04 ADA EAF E DA C AEFA ECD BC FE DB 7.21 A 7.41 DB AB 7.53 A 7.84 BAC 7.98 A 8.27 BAD ACAC ADA ADA DC DB AE FDA E CBC DA BAB ECDE DAB
Superelevation (Range)	0.58 0.69 0.96 1.11 1.24 1.35 1.43 1.81 .005 .023 .111 .128 3.46 3.54 4.28 4.38 4.49 4.57 4.70 4.81 4.96 5.06 6.17 6.29 6.41 6.51 6.60 6.71 6.85 6.98 7.09 8.38 8.50 8.65 8.83 8.97 9.05 9.19 9.29 9.40 9.50 9.67 9.77 9.89
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 B 0.45 D 1.31 A 3.47 B 3.54 A 3.94 B 4.76 C 5.05 B 5.20 C 5.52 E D B 5.81 C 5.97 B 6.19 C 6.42 A 6.64 B A 6.87 C E A 8.69 B 9.61 D 9.68 C 9.89 B
Vertical Curve: Crest or Sag, Curve Limits	5.61 5.73 6.80 7.06 7.09
Area and Development:	0.06 Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Mountainous (3) / Flat (1) 0.58; Mountainous (3) 1.16; Flat (1) 4.31; Mountainous (3) 5.66; Flat (1) 5.86; Mountainous (3) 7.16; Flat (1) 8.76; Mountainous (3) / 8.96 Rolling (2)
Speed: 1–Design, 2–Posted	(Not Posted); 25 MPH (2) / 35 MPH (2) .057; 35 MPH (2) / 25 MPH (2) .396; 35 MPH (2) .308; 25 MPH (2) .522; 25 MPH (2) / 35 MPH (2) .144; 25 MPH (2); (5 MPH (2)) .740; 25 MPH (2) .722; Not Posted
Intersection Control Devices: Type, Location and Cycle Timing	.035; .023; .304; .632 (No Sign + Run Till 7.232 mi.)
Traffic Stations (Current Year)	B73 0560 00006; B73 0560 00039; B73 0560 00290; B73 0560 00421; B73 0560 00763
HPMS Stations – AADT 2018	8,900; 9,100; 4,400; 3,366; 2,346
HPMS Stations – AADT 2017	7,800 0.39; 8,800 2.65; 5,600 3.39; 3,300 6.78; 2,300
HPMS Stations – AADT 2016	8,000; 8,700; 4,900; 3,200; 3,000
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (4) 2.65; Major Collector (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	2.34 560A–01–96M, 1997 6.02; 560A–01–00M, (Resurf.) 2000 7.92; 8.58 560A–01–86M (R) 1986 560A–02–96M, 1997 2.35; (S–0560(1), 1965) 6.03; 6.14; 6.63 (FR–0700(22) 1983 (R)) 560A–01–90M, 1990 2.46; HWY–K–01–82M, 1982 (R) 4.20; 5.03 FR–0700(22) 1988 (Resurf.); 56D–01–85M, (Resurf.) 1985 8.50 0.39; 1.42; 1.50; 3.38 LT–K–03–80M 1980 (R) 3.97; 4.43 56D–02–70 1970 5.33; 5.66; 5.79; 6.00; 6.63 56D–02–70 1970 8.66; 8.84 56D–02–70 1970 (LT–K–03–80M (R) 1980); (56D–01–80, 1980 (Safety Improv. & Resurf.)); County 79+50; 68+00; (56D–02–70 1970) 8.70 8.77 5.36 5.38 5.46 (56D–02–70 1970); (S–0560(1) 1965)
SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10

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.

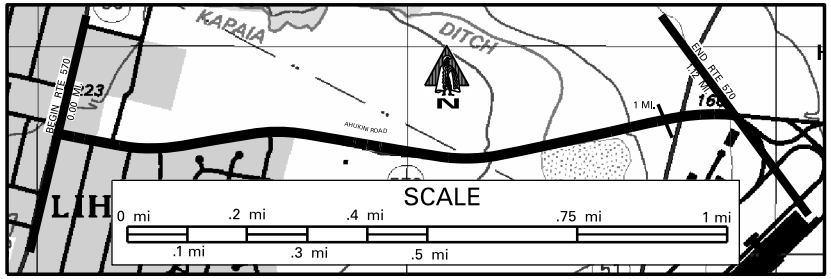
ROAD INVENTORY

KAUAI RTE 570
AHUKINI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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



SCALE: (In Miles) 10" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road — Vertical Clearance
Horizontal Clearance

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

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

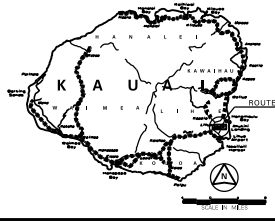
Right of Way Fence: Type – Right and Left: NONE

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

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

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

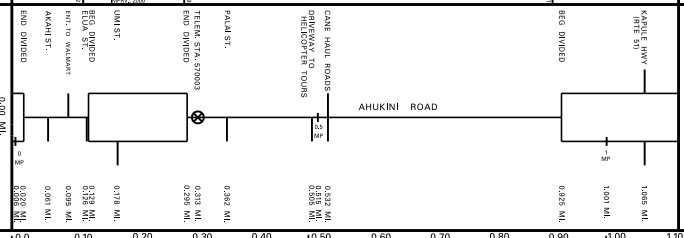
Project No., Type of Construction, and Year Constructed: 570A–01–92M (R), 1993; 570A–01–16M, 2017



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH NO. KUHIO LOG & "LIST OF FEATURES" DATABASE.

SCALE: (In Miles) 10" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 6' GRAVEL; 8' AC
Pavement: Width and Type: 22' AC; 11' AC; 22' AC; 12' AC
Shoulder: Width and Type: 0; 0; 6' GRAVEL; 0
Median: Width and Type: 10'–3' PAINTED AC; 0'–12' PAINTED AC; 0'–12' PAINTED AC
Median Barriers:
Shoulder: Width and Type: 0; 0
Pavement: Width and Type: 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): SAME AS THROUGH LANE; 2–12'
(Right Side): 11'

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

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

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

Protective Devices: Type, Location and Number: NONE

Illumination: Type, Location and Number: MV

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

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

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); 35 MPH (2); NOT POSTED; 35 MPH (2); 25 MPH (2)

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

Traffic Stations (Current Year): P73 0570 000031; 873 0570 00036; (873 0570 00106)

HPMS Sections – AADT 2018	14,800	16,400	11,000
HPMS Sections – AADT 2017	14,200	14,900	9,400
HPMS Sections – AADT 2016	13,600	11,100	9,400

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits: 570A–01–92M (R), 1993; F–56–1(7), 1988; S–3570 (1), 1964

SCALE: (In Miles) 10" = 1 mile

Date Released	
Oct. 04	D.B.
Revised	
Sept. 10	D.B.
Feb. 11	D.B.
Sept. 12	E.P.T.
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

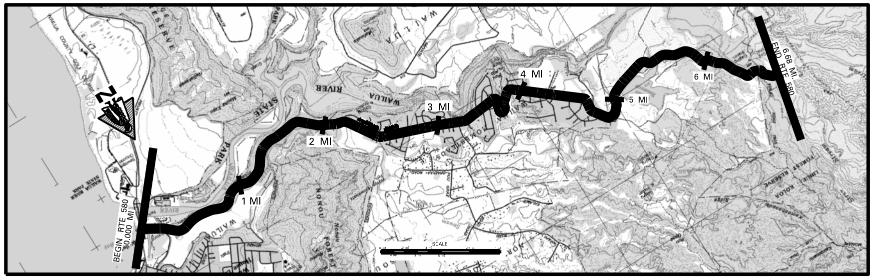
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

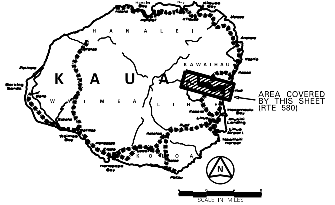
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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 ______

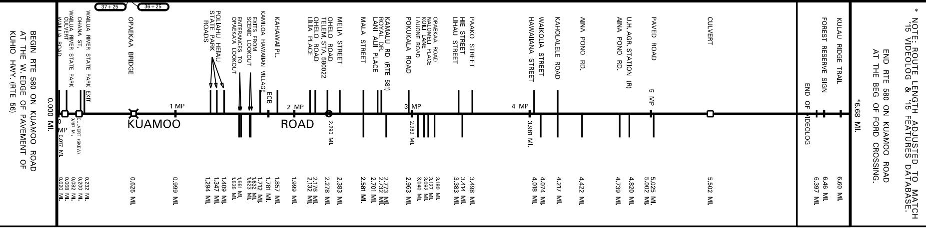


SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10
Maintenance Control Sections : Length and Description	BEGIN 580A ON KUAMOO RD. 25' N.W. OF THE CENTER LINE INTERSECTION OF KUHIO HWY. (RTE 56) · 580 A (6.68 MI.) · END 580A SAME AS END RTE 580 · 6.68
Structure Carrying Road – Bridges (Over 20'): Length, 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	VARIES 40'–46'
Available Right of Way Width (Needs Study)	40' · 40' · 28' · 23' · 80' · 2.13 · 40'–60'
Right of Way Fence: Type – Right and Left	0.28 · 0.39 · 0.61 · 1.11 · 1.29 · 2.26 · W/W 20'FEP · WOOD · 2.70 · 2.87 · 3.14 · WIRE ON WOOD 15'FEP · 4.83 · W/W · 5.02 · 5.10
Control of Access: 1–None, 2–Partial, 3–Full	(580A–01–14, SLOPE STABALIZATION, 2016)
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	55+00 · 48+00 · 157+50 · STATE · (STP–0700(58), GUARDRAILS, 2008)
Project No. and Type of Construction	0.07 · 0.28 · 0.42 · HRRP–0580(4), SAFETY IMPRV., 2011 · 1.85 · 143+00 · 66+90 · 3.54 · 3.79 · 53+45
Year Project Constructed (STP–0700(38), 1998)	66+49 · 0.60 · 0.62 · (STP–0700(58), GUARDRAILS, 2008) · 580A–01–07M, RESURFACE, 2008 · 37+25 · 36+25 · 2.10 · 580A–01–06M, (R) 2007 · 47+00 · 3.94 · 580A–01–01, (R) 2002 · 4.84 · 580A–01–99M, (R) 2000



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10
Divided Highway – Undivided – Shoulder: Width and Type	4' AC · 6' AC · 1.32 · 4' AC · 3.49 · 4' – 6' AC · 4.74 · 12'–24' GRS · 4.97 · 6' – 12' GRS · 5.84 · 2' – 4' GRS
Divided Highway – Undivided – Pavement: Width and Type	0.25 · 21'–22' AC · .000 · 20' AC · .900 · 18' AC · .800 · 15'–16' AC
Divided Highway – Undivided – Shoulder: Width and Type	(2'–4' AC) · 0.10 · 4' AC · 0.29 · 6' AC (BEGIN C/L & SHLDRS RUMBLE STRIPS) · 1.32 (END C/L & SHLDRS RUMBLE STRIPS) · 1.73 · 4' AC · 4' – 6' AC · 12'–24' GRS · 4.83 · 6' – 12' GRS · 5.84 · 2' – 4' GRS
Divided Highway – Median: Width and Type	6.68
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' · .000 · 2 – 10' · .900 · 2 – 9' · .800 · 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)	.072 .104 · .162 .186 · .572 .640 · .897 .933 · .583 .773 · .504 .566 · .697 .713 · .490 .514 · .884 .911
Protective Devices: Type, Location and Number ALL METAL ON METAL GUARDRAILS	.046 .063 · .184 .210 · .586 · .261 · .294 · .533 · .631 · .929 · .488 .518 · .547 · .813 · .876 .914 · .096 · .201 · .488 .512 · .873 .902
Illumination: Type, Location and Number	2.35 · MV · 2.42
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 B A C A D 0.40 A 0.63 B A D 0.84 C A 1.05 C A C A C A 1.47 D B A B 1.69 D 1.80 A 1.94 D A C D 2.23 A 2.47 D 2.53 A 3.22 3.25 A 3.52 F D C F E A E 3.93 A 4.52 E A E A C D C F A E A E D 5.07 A 5.36 E A 5.44 D C A 5.77 D 5.89 A E D C A D B A D A B A E A E F B E D
Superelevation (Range)	0.17 · 0.28 · 0.73 · 1.16 · 1.26 · 1.33 · 1.59 · 2.09 · 2.13 · 3.59 · 3.64 · 3.80 · 4.69 · 4.80 · 4.98 · 5.99 · 6.13 · 6.27 · 6.43 · 6.60
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)	A 0.53 B 0.83 D 0.92 E 1.23 C 1.56 B 2.64 A 2.84 B A C 3.57 D 3.83 B 4.32 C 4.57 B 4.90 C 5.22 B 5.41 C E 5.55 D 5.73 A 5.91 E 6.11 A C 6.29 D 6.53 E C
Vertical Curve: Crest or Sag, Curve Limits	3.37 · 3.43 · 5.49 · 6.22 · 6.60
Area and Development:	SMALL URBAN (99998) · 6.46 · (RURAL (99999))
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1) · 0.62 · MOUNTAINOUS (3) · 1.77 · ROLLING (2)
Speed: 1–Design, 2–Posted	35 MPH ② .331 · (NOT POSTED) .102 35 MPH ② .327 · 25 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	TRAFFIC SIGNAL .000
Traffic Stations (Current Year)	B73 0580 00000 · P73 0580 00228 · B73 0580 00318 · B73 0580 00407
HPMS Sections – AADT 2017	9,900 · 8,900 · 3,672 · 1,700
HPMS Sections – AADT 2017	9,600 · 1.63 · 8,700 · 2.77 · 3,600 · 3.49 · 1,700
HPMS Sections – AADT 2016	8,300 · 8,500 · 3,500 · 1,700
DOD Sections	
Census Tracts	
Functional Classification	MINOR ARTERIAL (4) · 2.77 · MAJOR COLLECTOR (5) · 4.82 · MINOR COLLECTOR (6)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	
	0.28 HRRP–0580(4), SAFETY IMPRV., 2011 1.85
	0.07 580A–01–07M, RESURFACE, 2008 2.10
	STP–0700(38), 1998 3.90 · 580A–01–88M (R) 1988 · 4.82 · 580A–01–99M, (R) 2000
	0.06 580A–01–93M, (RESURFACE) 1994
	0.02 RS–0850(2), (RESURFACE AND IMPROVEMENTS), 1980 2.27 · 580A–01–88M(R), 1988 · 5.84 · COUNTY, MAINTAINED BY STATE
	580A–01–70(R), 1971 · 4.83
	A–580–01–64 PHASE 2 1964 0.91 · 1.33 · (A–580–01–64 PHASE I, 1965) · WRDC–15(1), 1947 · 4.32 · COUNTY · 6.68
SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10

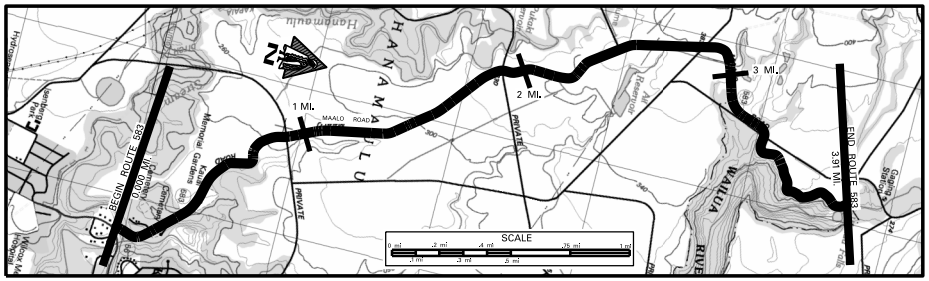
Date Released	
March 95	
Revised	
Pat Tom	3–95
Pat Tom	6–95
JK	4–96
JK	5–97
D.B.	2–08
D.B.	3–09
D.B.	12–09
D.B.	9–10
D.B.	2–11
D.B.	2–12
E.P.J.	2–13
E.P.J.	12–13
D.B.	7–14
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

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



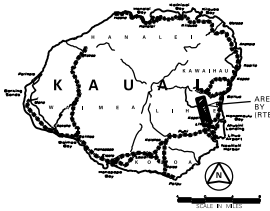
SCALE: (In Miles) 4" = 1 mile

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

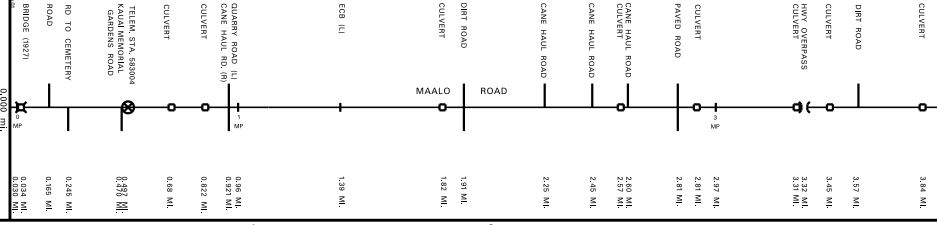
Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

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



SCALE: (In Miles) 4" = 1 mile

Undivided Highway
- Shoulder: Width and Type — GRASS
- Pavement: Width and Type — 20' AC | 18' AC | 17'-20' AC
- Shoulder: Width and Type — GRASS

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 2018 1,400
HPMS Sections – AADT 2017 1,200
HPMS Sections – AADT 2016 1,200
DOD Sections
Census Tracts
Functional Classification MINOR COLLECTOR (6) | LOCAL (7)
National Highway System (NHS) NOT ON NHS (0)
Previous Projects: Project No., Date and Limits
583-01-95M (RESURFACE) 1996 | 583A-01-01M, RESURFACE, 2005
PHASE I (583A-01-71, 1971) | HWY-E-0-70 (PHASE II) 1970 | 583A-01-71, 1971

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct. 04, D.B.

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

ROAD INVENTORY

KAUAI RTE 5600
TEMPORARY KAPAA BY-PASS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

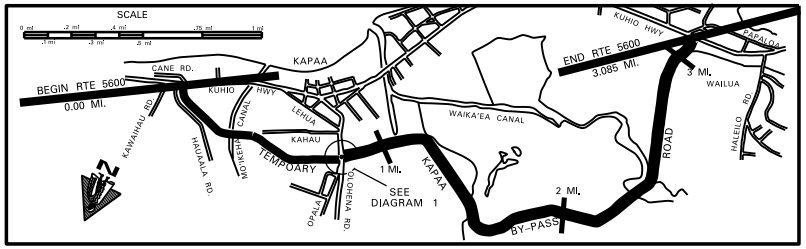
Total Route Length: 3.085 miles

a. Survey Length: 3.085 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: ACROW PANEL TRUSS, HI-93, 2006

Vertical Clearance: 84'

Horizontal Clearance: 16'- 4"

Structure Over Road — Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

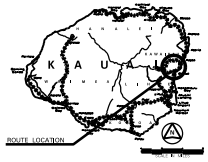
Right of Way Fence: Type – Right and Left: CHAIN LINK FENCE (CLM) (CLM) FG; WIRE (CW) (WIRE) BR

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

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

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

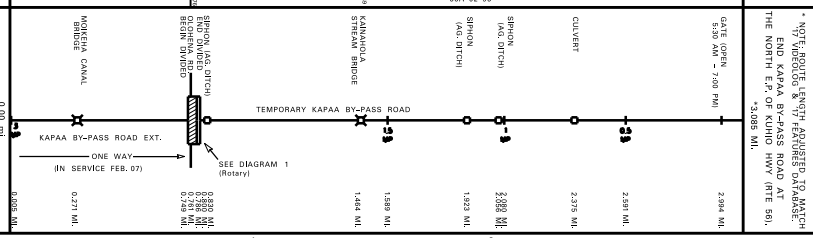
Project No., Type of Construction, and Year Constructed: 56A-02-95



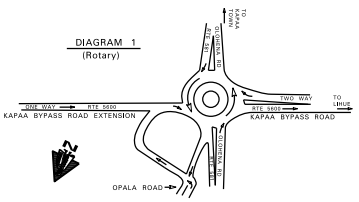
Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP – Milepost Signage



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



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

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

Shoulder: Width and Type: 5' AC | 2'-4" AC

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

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

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

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

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

Illumination: Type, Location and Number

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

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

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

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

Intersection Control Devices: Type, Location and Cycle Timing

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

HPMS Sections – AADT 2011: 2,300 | (1102) | 5,900 | 5,900 | 6,700

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

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

DOD Sections

Census Tracts

Functional Classification: LOCAL ROAD (7)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

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