STATE ROUTE SYSTEM

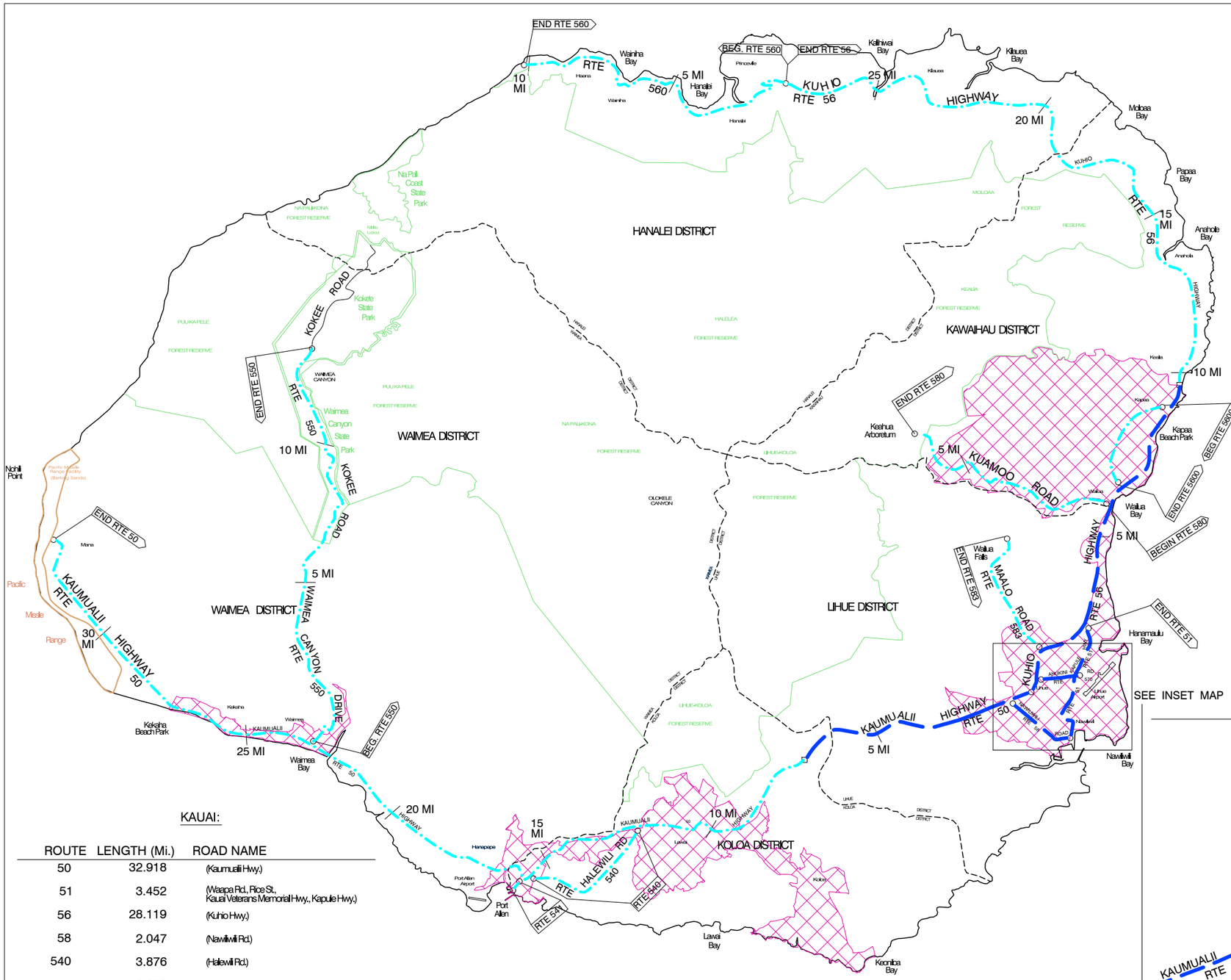
COUNTY OF KAUAI

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 2024



SCALE

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS

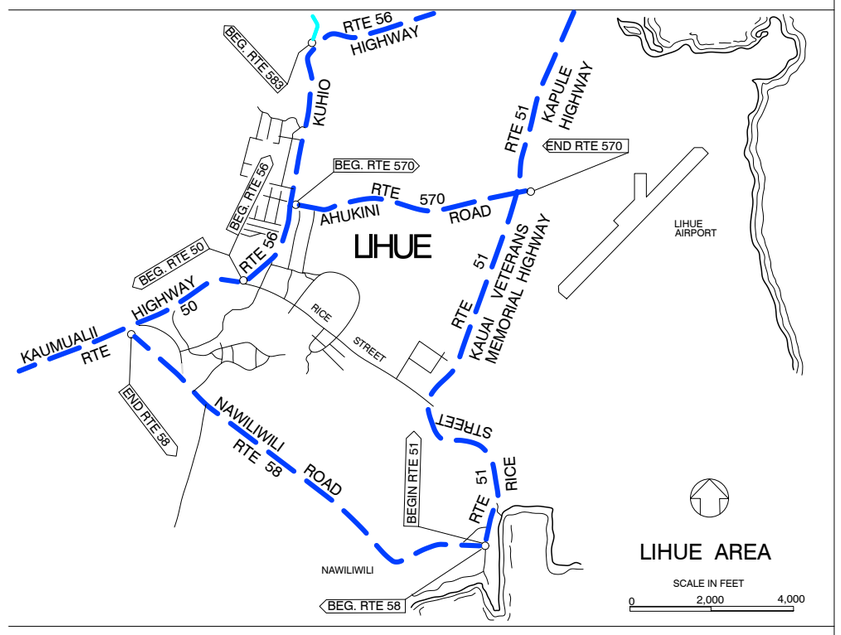
LEGEND

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

KAUAI:

ROUTE	LENGTH (Mi.)	ROAD NAME
50	32.918	(Kaumualii Hwy.)
51	3.452	(Waapa Rd., Rice St., Kauai Veterans Memorial Hwy., Kapule Hwy.)
56	28.119	(Kuhio Hwy.)
58	2.047	(Nawiliwili Rd.)
540	3.876	(Halewili Rd.)
541	0.370	(Waialo Rd.)
550	14.072	(Waimea Canyon Drive, Kokee Rd.)
560	10.003	(Kuhio Hwy.)
570	1.122	(Ahukini Rd.)
580	6.68	(Kuamoo Rd.)
583	3.91	(Maalo Rd.)
5600	3.085	(Temporary Kapaa By-Pass Rd.)
TOTAL =	109.654	

* Please Refer to Hwy System Changes List for Route Changes



Date Released	
Dec 2002,	JK
Revised	
Apr. 04	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.
Feb. 25	E.P.J.

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

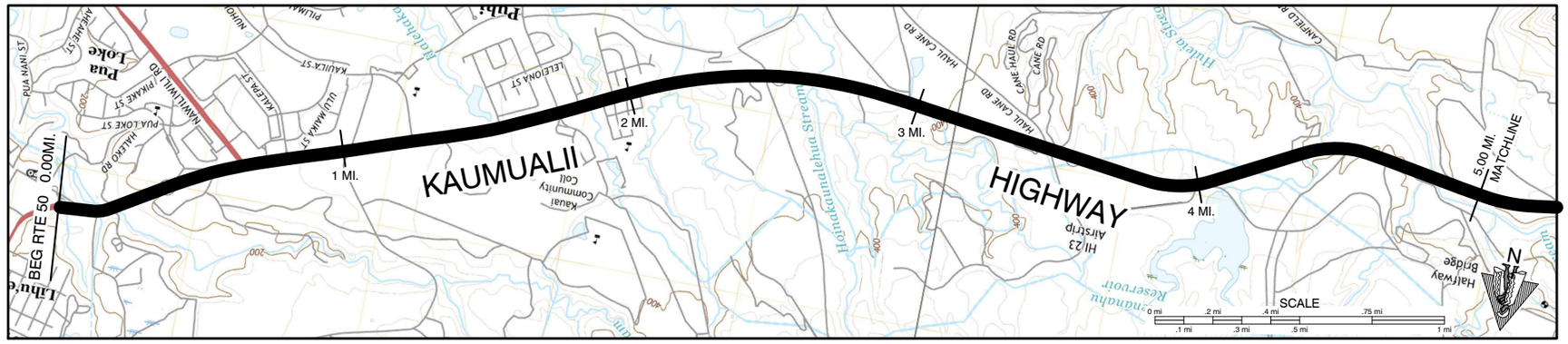
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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:	0.000	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	MILES
b. Temporary Length:	0.000	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

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

Structure Carrying Road

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

Vertical Clearance: 359' (1.84); 25' (2.82); 428' (4.81)

Horizontal Clearance: 37.5, 39.5; 40'; 52'

Structure Over Road

Vertical Clearance

Horizontal Clearance: (80'); (100'); (110'); (170')

Right of Way Width (min.-max.) if varies: D 60' (0.00); D 80' (0.45); 60' (1.45); 80' (1.57); 60' (1.86); 80' (2.08); 60' (2.32); 80' (2.38); 60' (2.60); 120' (2.98); 60' (3.24); 80' (3.57); 60' (3.81); 70' (4.19); 130' (4.36); 80' (4.49); 120' (4.67); 150' (4.78); 60' (4.96); 50' (5.00)

Available Right of Way Width (Needs Study): (Residential + Commercial) 0.27 Trees + Bushes; 0.57 Sugar Cane; 1.06 Residential; 2.02 Sugar Cane; 4.02 Trees

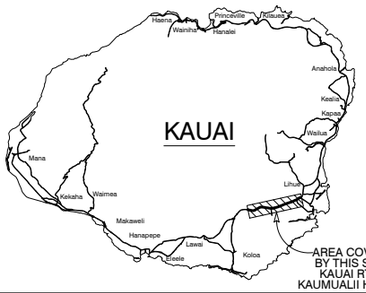
Right of Way Fence: Type - Right and Left: 1.06 W/W 30"FEP; 1.37 W/W; 1.55; 4.01 W/W 30" FEP; 4.31

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 13+38.93; 98+80; STATE; 194+75; (HWY-K-03-04M, RESURF., 2008); 189+17; 189+17; 263+00; 94+99.17; (STP-050-1(039), PREVENTIVE MAINTENANCE, 2017)

Project No., Type of Construction, and Year Constructed: (50E-01-98 Realignment 2001) 0.12; 0.17; 50DE-01-05M (R) 2006; 1.79; 2.13; 50D-01-10M, RESURF., 2012; 2.91; 3.01; 3.03; 50D-01-11MR, RESURFACE, 2017; 4.81; 4.91

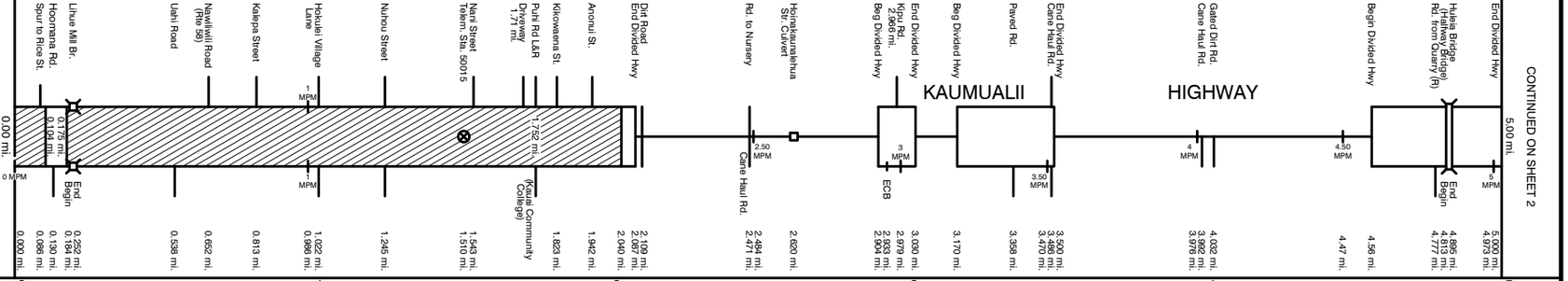
Project No., Type of Construction, and Year Constructed: (Lihue Plantation Project, 1964) 0.00; 0.22; (HWY-K-01-78M (R), 19778); STP-050-1(19), 1998; 1.45; STP-050-1(22), Guardrail & Shoulder Imprv., 2002



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 0.000-2.002 MI. 5' Bike Lane; 3'-5' PCC; 2'-13' PCC; 6'-8' AC; 4' AC; 6'-8' AC; 6' AC; 6'-8' AC; 5' AC; 8' AC; 8' Conc.; 8' AC

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

Shoulder: Width and Type: 2'-6' PCC; 0; 6'-8' AC; 0; 6'-8' AC; 0; 6'-8' AC; 5' AC; 8' AC; 18' AC; 8' AC; 0 (CENTERLINE MILLED RUMBLE STRIP)

Median: Width and Type: (7'-18' Raised Grass) (10-19' Painted PCC); 7' Conc. Barr.; 6'-12' Raised Grass; 3'-6' Rsd Conc.; 6'-27' Raised Grass; 4'-27' Raised Grass; 3'-4' Raised Conc.; 5'-27' Raised Grass; (0'-6' Raised Conc.); 10'-27' Raised Grass; 7'-20' Grass; (0'-16' Painted AC); (CENTERLINE MILLED RUMBLE STRIP); 0'-9' Painted AC; 0'-12' Painted AC; (CENTERLINE MILLED RUMBLE STRIP); 0'-12' Painted AC

Divided Highway — Undivided

Shoulder: Width and Type: 1'-5' PCC; 0; 0; 0

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

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

Number of Traffic Lanes: 4-11'; 2-11'; 1-11'; 1-12'; 1-11/12'; 1-12'; 1-12/13'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left): (5'-9' Conc. S. W.); 8' Conc. S. W.

Curb and/or Gutter: Type (Right and Left): 6'-12' Conc. S. W.; 8' Conc. S. W.; Conc. Curb & Gutter; Conc. Curb & Gutter

Protective Devices: Type, Location and Number (Conc. w/ Metal= C/M, Metal w/ Metal= M/M): (M/M & Conc Barr); (M/M & Conc Barr); (M/M); (Metal w/ Metal)

Illumination: Type, Location and Number: Luminairs

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

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

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

Speed: 1-Design, 2-Posted: 25 MPH (2); (35 MPH); 40 MPH (2); 45 MPH (2); 50 MPH (2)

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

Traffic Stations (Current Year): B73 0050 00009; P73 0050 00151; B73 0050 00478

HPMS Sections - AADT 2023: 34,778; 27,100; 26,300

HPMS Sections - AADT 2022: 32,756; 27,400; 26,500

HPMS Sections - AADT 2021: 46,400; 28,000; 25,100

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits
- STP-050-1(19), 1998
- HWY-K-03-96, 1997 Inter. Imprv.
- STP-050-1(15) (R), 1996
- (50E-01-92M (R), 1993); (HWY-K-03-96, 1977); (BR-F-050-1(7), 1990 (BRDG & APPRCH))
- 50E-01-92M (R), 1993; STP-050-1(15) (R) 1996; (HWY-K-03-82, 1983 (GUARDRAIL & SHOULDER IMPRV.))
- 50 DE-01-86M (R), 1986; 50D-01-87M (R), 1987; 50 DE-01-86M, 1986; LT-K-02-79, 1980
- HWY-K-01-76M (R) 1976
- (Lihue Plantation Project, 1964); HWY-K-01-78M (R); D-50-01-83, 1965; F12 (17), 1951; D-50-01-65, 1965; (50-D-03-69, 1971)
- F-24(2) 1950; FAP 12 F, 1937; FAP 12-G, 1935; FAP 12 I, 1937

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

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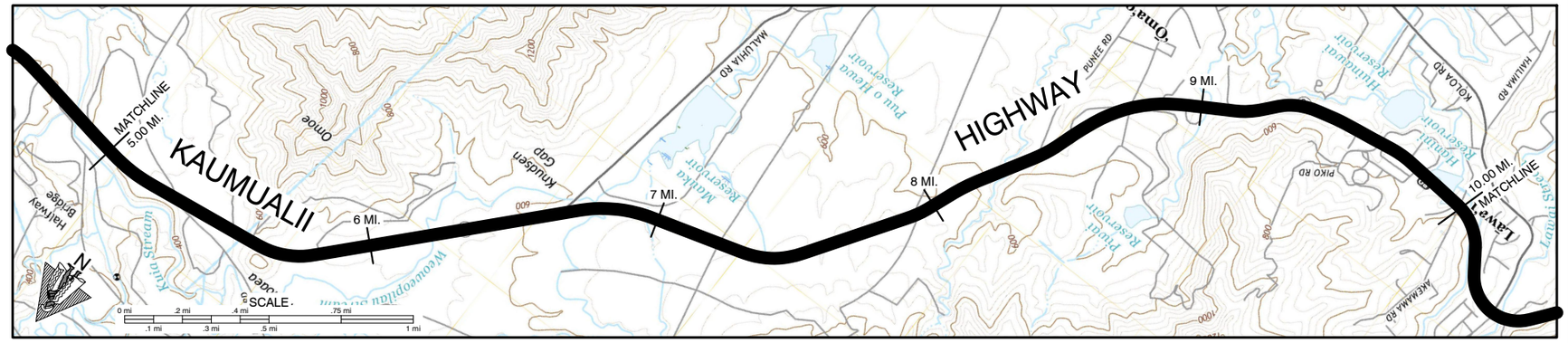
c. Length used as T.W. for another Route:	NONE	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 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
- 6.81: RC FLAT SLAB, H-15 (STR) 1934
- 8.28: CONT. CONC. TEE, H-15 (STR) 1934

Structure Carrying Road — Vertical Clearance: 39', 22', 140'

Structure Carrying Road — Horizontal Clearance: 24', 24', 24'

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

Right of Way Width (min.-max.) if varies: 60' (5.45) 100' (5.76) 60' (6.06) 65' (6.36) 60' (7.34) 60' (7.83) 60' (8.16) 80' (8.52) 60' (8.98) 100' (9.05) 60' (9.14) 90' (9.42) 100' (9.57) 70' (9.77) 80' (9.96) (120')

Available Right of Way Width (Needs Study): Trees (5.33) Sugar Cane (7.96) Bushes & Trees

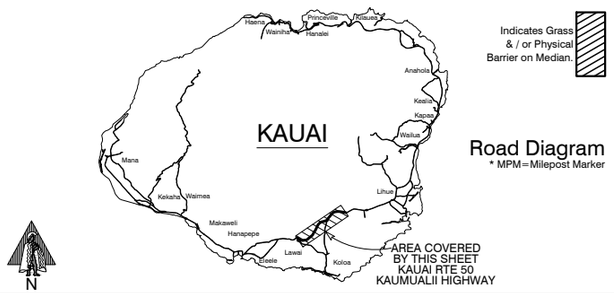
Right of Way Fence: Type - Right and Left: NONE

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

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

Project No., Type of Construction, and Year Constructed: (50D-01-21, INTERSECTION IMPROVEMENTS, 2022)

Project No., Type of Construction, and Year Constructed: STP-050-1(039), PREVENTIVE MAINTENANCE, 2017



CONTINUED FROM SHEET #1 — 5.00 mi. — KAUMUALII HIGHWAY — 10.00 mi. — CONTINUED ON SHEET #3

Cane Haul Rds. (5.215 mi., 5.225 mi.); Culvert (5.760 mi.); Cane Haul Rd. (5.960 mi.); Weoweopilau Br. (6.049 mi.); Begin Divided Hwy (6.227 mi.); Malulihia Rd. ECB (6.540 mi., 6.574 mi.); Waihohonu Br. #7F End Divided Hwy (6.660 mi., 6.701 mi.); Kahili Adventist Sch. & Kahili Mnt. Park (R) Road (L) (6.752 mi., 6.808 mi., 6.977 mi.); Cane Haul Rd. (7.235 mi., 7.885 mi., 7.948 mi.); Telem. Sta. 50983 (L) Omao Br. #7C (8.278 mi.); Puhee Rd. (8.344 mi.); Begin Divided Maha Rd. (8.433 mi., 8.544 mi.); Omao Rd. Maha Rd. (8.600 mi., 8.726 mi.); End Divided Piwai Pl. (8.770 mi., 8.872 mi.); Upa Rd. (8.900 mi., 8.963 mi., 9.111 mi.); Begin Divided Road (9.570 mi.); Huapoo Rd. Piko Rd. R&L End Divided (9.591 mi., 9.650 mi.); Oyama Rd. Konishi Rd. End Divided (9.669 mi., 9.823 mi.); Rd. to Post Office Aulima Rd. (9.848 mi., 9.876 mi., 9.897 mi.); Akemama Road (9.969 mi.)

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 8' AC (5.42) 4' AC (7.85) 6' AC (8.25) 3' AC (8.71) 4' AC
- Pavement: Width and Type: 22' AC | 11' AC | 22' AC | 12' AC | 24' AC | 12' AC | 24' AC
- Shoulder: Width and Type: (4' AC) 8' AC (5.36) (18' AC) 4' AC | 0 | 4' AC | 0 | 4' AC | 0 | 4' AC
- Median: Width and Type: CENTERLINE MILLED RUMBLE STRIP (.60) (0'-8' Painted AC) (.74) 6'-12' Flush Grass (.76) (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: 2-11' (.90) 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (.528) 18' (.671); (.955) 12' Truck Climb Lane (.206); (.622) 13' Truck Climb Lane (.877); (.726 .742) 9' (.700); (.830) Bus (.857)

(Right Side): 12' Truck Climbing Lane (.020 .247 Merge .399); (.617) 12' (.701); 11' (.696) 11' (.770) 11' (.729 .825); (.607) 11' (.650); (.621) 12' (.854) Bus (.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): (.244) (.320); (.091) Conc. Gutter (.304); (.866) 4' AC Gutter (.973)

Protective Devices: Type, Location and Number — ALL METAL RAILS ON METAL POSTS: (.095 .370 .560 .752 .793); (.208 .247 .411 .581 .714 .839 .960); (.011 .157 .394 .433 .558 .649 .729 .819 .867 .922 .978); (.066 .271 .341 .463 .507 .540 .703 .757 .901); (.089 .319 .460 .515 .555 .597 .845 .886 .973); (.375 .567 .751 .794); (.191 .249 .710 .833 .945); (.086 .129 .556 .627 .718 .853 .894 .052 .203 .312 .773 .963 .086 .516 .552 .876 .976); (.002)

Illumination: Type, Location and Number: (8.44) M.V. (8.98) (9.05) 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 (5.69) B (5.96) A (7.25) B (7.52) A (9.13) (9.20) A (9.26) B (9.59) 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 (5.69) A (5.93) B (6.43) C (6.69) B (7.06) C (7.36) A (7.53) C (8.97) A (8.95) C (8.99) D (9.96) B (9.98) C (9.43) D (9.69) B (9.97) (A)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (99999) | (8.28) Small Urban (99998)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Rolling (2) | (7.97) Mountainous (3)

Speed: 1-Design, 2-Posted: 50 MPH ② | (9.16) 45 MPH ② (9.48) (9.70) 35 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B73 0050 00478 | P73 0050 00835

HPMS Stations - AADT 2023: 26,300 | (6.69) 14,700

HPMS Stations - AADT 2022: 26,500 | 14,800

HPMS Stations - AADT 2021: 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
- STP-050-1(22), 2002 (5.42 5.56); STP-050-1(22), 2002 (7.00); (7.19) (HWY-K-01-91M (R), 1991); STP-050-1(038), MARKINGS AND SIGNAGE, 2017
- (STP-050-1(24), 2005); STP-050-1 (22), 2002 Guardrail & Shldr. Imprv. (5.42); 50D-01-99M (R), 2000 (6.81)
- STP-050-1(19), 1998 (5.44); (50D-01-98, Accel. Ln., 2000) (7.17); 50D-01-00M, Resurf., 2002 (8.54)
- (5.42) (BR-F-050-1(7) (Bridge & Approach), 1990) (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); (8.30) 50 CD-01-75M, 1975 (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); (186+28); (184+28); (194+28)
- (FAP 12 I, (1937)) (5.06); (6.53) (283+28) (31+28); NRH-12B, 1933 (67+04) (7.92); 50 CD-01-70, 1974 (8.29); NRH-128, 1933 (8.55); (172+28); 50D-01-90M,1990 (8.96); (50D-01-67, 1968) (9.69) (9.72); 50CD-01-75M, 1975

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
Jan. 06	D.B.
Sept 10	D.B.
Feb. 11	D.B.
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July 14	D.B.
Jan 16	C.R.
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ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

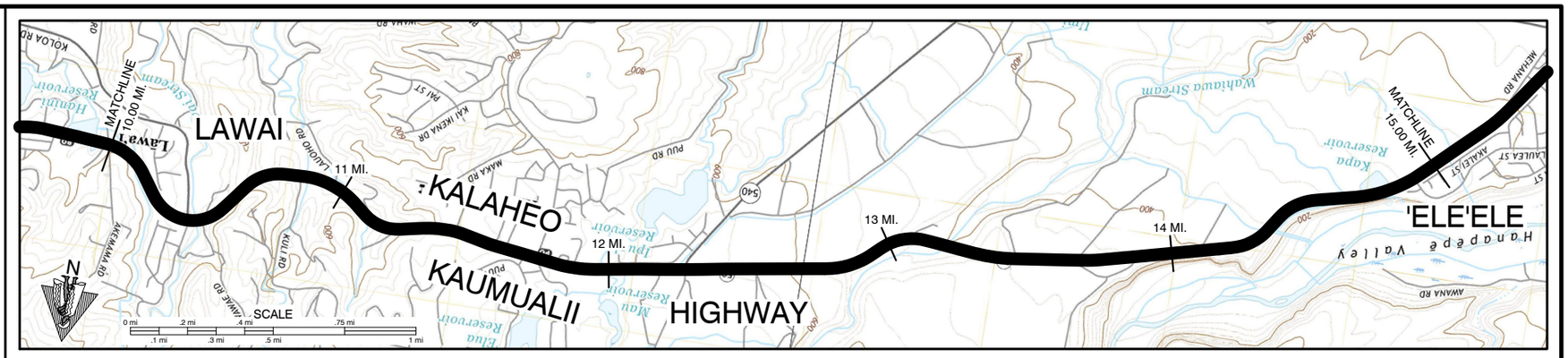
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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:	0.000	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	MILES
b. Temporary Length:	0.000	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

50D (8.63MI.) — BEG. 50 D & END 50 C ON KAUMUALII HWY. 100' EAST OF CENTERLINE INTERSECTION OF KOLOA RD. — 50 C (6.65MI.)

Structure Carrying Road

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

Vertical Clearance: 112'; 180'

Horizontal Clearance: 60'; 24'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

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

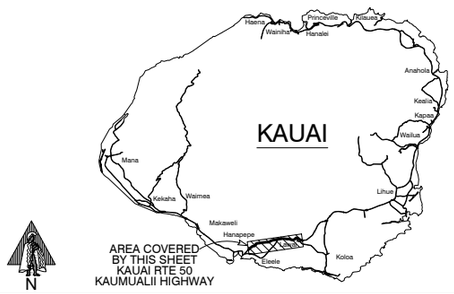
Right of Way Fence: Type - Right and Left: (Chain Link); W/W

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

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

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

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 2

Akemama Rd. · Begin Divided · Kolea Rd. (Old Rte 530) · Lawai Br. · Waiwai Rd. · End Divided · Kuli Rd. · Laucho Rd. · Anuhea Pl. · Begin Divided · End Divided & Hokua Rd. · Begin Divided · Papalina Rd. · End Divided · Begin Divided · Halewili Rd. (Rte 540) · End Divided · Cane Haul Rds. · Road · Wahiawa Br. · Hanapepe Valley Lookout · Road to Water Tank · Road to Water Tank · Begin Divided · Laulea St.

KAUMUALII HIGHWAY

470 mi. · Kua Rd. · 10.5 MPM · 11 MPM · 11.5 MPM · .750 mi. · Puuwai Rd. · Opu Rd. · 12 MPM · 12.276 mi. · Road to Olu Pua Gardens · 13 MPM · 14 MPM · 15 MPM · 10.00 mi. · 15.00 mi.

10.003 mi. · 10.250 mi. · 10.403 mi. · 10.425 mi. · 10.460 mi. · 10.510 mi. · 10.580 mi. · 10.849 mi. · 10.871 mi. · 10.966 mi. · 11.245 mi. · 11.400 mi. · 11.451 mi. · 11.510 mi. · 11.680 mi. · 11.701 mi. · 11.762 mi. · 11.810 mi. · 11.968 mi. · 12.120 mi. · 12.400 mi. · 12.524 mi. · 12.969 mi. · 13.092 mi. · 13.192 mi. · 13.963 mi. · 14.100 mi. · 14.327 mi. · 14.706 mi. · 14.830 mi. · 14.928 mi. · 14.975 mi.

CONTINUED ON SHEET 4

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

Pavement: Width and Type: 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC

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

Divided Highway — Median

Median: Width and Type: CENTERLINE MILLED RUMBLE STRIP; 0-10' Painted AC; 0-12' Painted AC; (0'-6' Painted AC); 0'-11' Painted AC; 0'-13' Painted AC; 0'-10' Painted AC

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

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

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

Number of Traffic Lanes: 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .085 12' Truck Climbing Lane .470; .374 13' 11' .603 12' .504; .330 12' .365 .403 12'; .451 .420 .493 10' 10'; 11' .721 .762 11' .701 .795 .711 .750 11'; .276 11' .363 12.42 12' Truck Climbing Lane 13.03; .198 11' 12' .236 .276; 12' .902 10' .014 .855 12' .928

(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): .464 Conc. Gutter .534 .612

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

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

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

Speed: 1-Design, 2-Posted: 35 MPH ②; 25 MPH ②; 35 MPH ②; 50 MPH ②; 35 MPH ②

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

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

HPMS Sections - AADT 2023: 14,700; 19,900; 13,100

HPMS Sections - AADT 2022: 14,800; 20,200; 13,300

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

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits: (STP-050-1(17) WIDENING 2003); STP-050-1(24), GUARDRAIL/SHOULDER IMPROVEMENTS, 2005; 50CD-02-00M RESURF 2002; STP-050-1(17) WIDENING 2003; 50C-01-01M 2004 RESURFACE; 50C-01-07M, (R), 2009; 50C-01-00M (R), 2000; 50C-02-01M (R) 2004; STP-050-1(11) (R), 1993; 50C-01-90M (R), 1991; HWY-K-01-91M, 1991; STP-050--1(9) (WIDENING), 1996; STP-050-1(9), 1995; HWY-K-01-91M (R), 1991; STP-050-1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995; 50C-01-87M (R), 1987; 50C-01-90M (R), 1991; (50CD-01-87M (R), 1987); STP-050-1(11), R, 1993; HWY-K-01-87 SECTION 1 (GARDRAIL & SHLD. IMPRV.), 1987; (HWY-K-01-77M(R), 1977); HWY-K-01-91M (R), 1991; (HWY-K-01-77M(R), 1977); 50C-01-87M (R), 1987; HWY-K-01-77M (R), 1977; 50D-01-67, 1968; 50 CD-01-75M, 1975; (50CD-01-67, 1968); 50-D-02-67, 1967; 50A-01-71, 1970; (50CD-01-75M, 1975); NRH-12B, 1933; NRH-12C, 1935; 50 CD-01-70, 1974; NRH-12D, 1935; FAP 12J, 1938; (50CD-01-70, 1974)

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

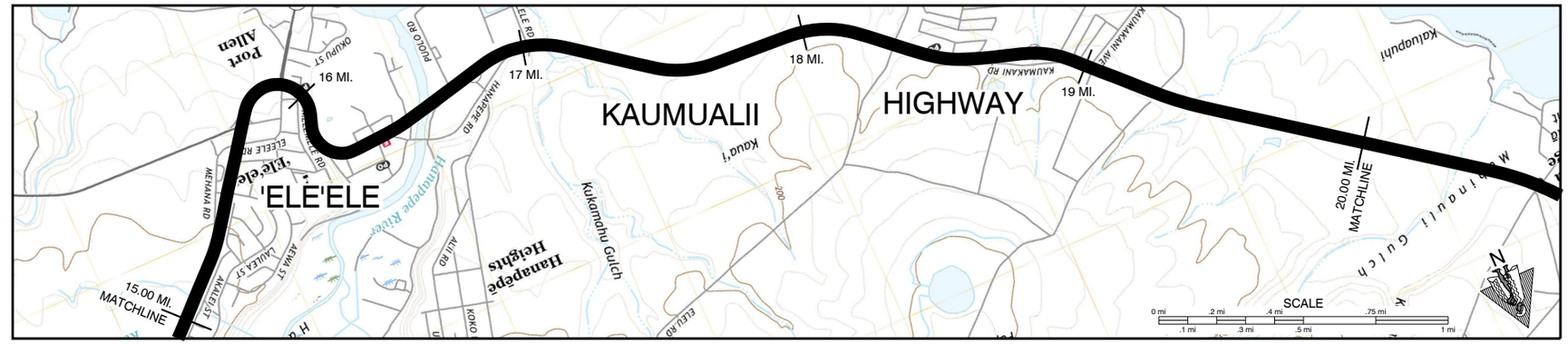
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.918	MILES (a+b)
a. Existing Length:	32.918	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	MILES
b. Temporary Length:	0.000	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: 50 C (6.65); END OF 50 B AND BEGIN 50 C ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH LELE RD.; 50 B (7.46 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1939, H15 44'; TEE BEAM 1938, H20 277'

Vertical Clearance: 16.26; 16.57

Horizontal Clearance: 38'; 24'

Structure Over Road

Vertical Clearance: RC FLAT SLAB ON STEEL (PED. O.P.), 1939; RC FLAT SLAB (PED. O.P.), 1948 15'-11"; RC DECK GIRDER (RD), 1948 15'-02"

Horizontal Clearance: (90); 31'; 40'

Right of Way Width (min.-max.) if varies: 60' 80' 90' 110' 80' 80' 14' 80' 140' 80' 100' 80' 120' 80'

Available Right of Way Width (Needs Study): Clear 1000' Sugar Cane; Commercial/Residential (w/ Sugar Cane); Clear 1000' - Open Field; Residential; Sugar Cane

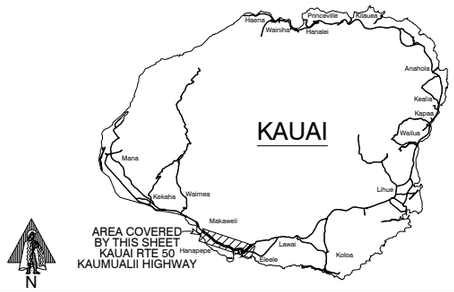
Right of Way Fence: Type - Right and Left: Wood; Wire on Wood

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

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

Project No., Type of Construction, and Year Constructed: 50C-01-19, OVERPASS IMPROVEMENTS, 2022; STP-050-1(038), MARKINGS AND SIGNAGE, 2017

Project No., Type of Construction, and Year Constructed: STP-050-1(24), GUARDRAIL & SHLDR. IMPRV., 2005; 50C-03-07M, REPAVEMENT, 2013; 50C-02-15M, RESURFACE, 2018; STP-050-1(040), PREVENTIVE MAINTENANCE, 2016



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 3

15.00 mi. — KAUMUALII HIGHWAY — 20.00 mi.

End Divided; Begin Divided; Mahea Rd.; Lauliles St.; Utlaula Rd. End Divided; Hakwili Rd. Mahana St.; Eleele Rd.; Spur; Begin Divided; Weliulu Rd. (Rte 541); Pedestrian O.P. End Divided; Eleele Rd.; 16 MPM; Puna Rd.(R) Road(L) Centerline Headwall Hanapepe Rd.; Pepe Rd. Hana Rd.; Kona Rd.; 16.50 MPM; Hanapepe Br.; Iona Rd.; Begin Divided Puolo Rd.; Moi Rd.; Culvert 16.934 mi.; Begin Divided Lele Rd.; End Divided; Cane Haul Rd.; 18 MPM; Cane Haul Rd.; Begin Divided; Kaumakani Village Rd.; Kaumakani School Rd.; Culvert Kaumakani; End Divided; Pedestrian O.P.; Begin Divided; Kaumakani Sch. Rd.; Paved Rd.; Kaumakani Ave.; Paved Rd.; Kaumakani Rd.; 19 MPM 18.931 mi.; End Divided; Cane Haul Rds.; Road O.P.; 20 MPM

CONTINUED ON SHEET 5

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided — Shoulder: Width and Type: 6' AC; 0; 6' AC; 8' AC; 6'-14' AC

Undivided — Pavement: Width and Type: 12' AC; 23' AC; 12' AC; 23' AC; 12' AC; 23' AC; 22' AC; 11' AC; 22' AC; 11' AC; 23' AC; 12' AC; 23' AC; 12' AC; 24' AC

Undivided — Shoulder: Width and Type: 0; 6' AC; 0; 6' AC; 0; 8' AC; 6' AC; 0; 6'-14' AC; 0; 6'-14' AC; 0; 6'-14' AC; 0; 6'-14' AC; 0; 6' AC

Median: Width and Type: (0'-10' Painted AC); 0'-9' Painted AC; 0'-10' Painted AC; 0'-10' Painted AC; 0'-9' Painted AC; MILLED CENTERLINE RUMBLE STRIP; 0'-12' Painted AC; 0'-12' Painted AC; MILLED CENTERLINE RUMBLE STRIP

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

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

Shoulder: Width and Type: 6' AC; 6' AC; 6' AC; 8' AC; 6'-14' AC; 4' AC; 6'-14' AC; 9' AC

Number of Traffic Lanes: 1-12'; 1-11'; 2-11'; 10' Bus; 1-12'; 1-11'; 13'; 2-12'

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

(Right Side): 10' Bus; 12' Bus; 12' Bus; 10'; 12'

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

Sidewalk: Width and Type (Right and Left): 4' Conc.; 6' Conc.; 3' Conc.

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

Protective Devices: Type, Location and Number (All Metal w/ Metal)

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

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

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

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

Speed: 1-Design, 2-Posted: 35 MPH ②; 45 MPH ②; 50 MPH ②; 45 MPH ②; 35 MPH ②; 45 MPH ②; 50 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: 4 PHASE

Traffic Stations (Current Year): B73 0050 01227; B73 0050 01569; B73 0050 01592; B73 0050 01702; P73 0050 02237

HPMS Sections - AADT 2023: 13,100; 15,480; 17,800; 12,400; 11,400

HPMS Sections - AADT 2022: 13,300; 14,580; 18,900; 9,137; 11,300

HPMS Sections - AADT 2021: 13,300; 15,000; 15,400; 9,400; 10,500

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits:
STP-050-1(040), PREVENTIVE MAINTENANCE, 2016
STP-050-1(24), GUARDRAIL & SHLDR. IMPRV., 2005
50C-02-01M (R) 2004; STP-050-1(10), 1993; (HWY-K-01-07M, PAVE. MARK., 2007); (HWY-K-02-98 (IMPRV.), 2000); STP-050-1(18), 1997
(STP-050-1(14), 1998); STP-050-1(12) (GUARDRAILS & SHLDR. IMPRV.), 1995
(HWY-K-01-77M (R), 1977); 50C-01-90M (R), 1991; 50B-02-93M (FOG SEALING), 1994
50B-01-74, 1974; HES-050-1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990
50A-01-71, 1970; 50A-01-71, 1971; 50C-01-76 SAFETY IMPRV. 1982; SD-65-364, 1965; 50B-01-86M (R), 1986
FAP 12J, 1938; FAP 29B (1), 1938; FAP-F29(4), 1946

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

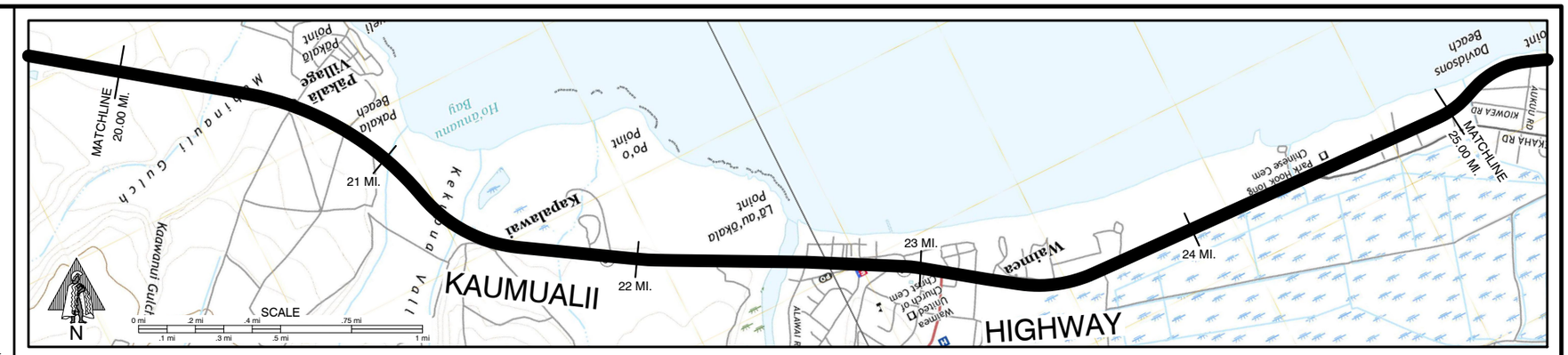
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.918	MILES (a+b)
a. Existing Length:	32.918	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	MILES
b. Temporary Length:	0.000	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

50 B (7.46 MI.) | END 50 A - BEG 50 B ON KAUMUALII HWY. AT THE CENTERLINE INTERSECTION WITH KEKAHA RD. | 50 A (8.45 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- TEE BEAM 1948, H20 — 115' (20.34)
- TEE BEAM 1948, H20 — 50' (21.03)
- TEE BEAM 1948, H20 — 75' (21.35)
- TEE BEAM 1940, H20 — 365' (22.47)

Vertical Clearance

Horizontal Clearance
- 26' | 26' | 26' | 24'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (20.00) 120' (20.51) 80' (20.66) 120' (20.76) 100' (20.90) 80' (20.96) 90' (21.39) 80'

Available Right of Way Width (Needs Study): Sugar Cane | Trees+Bushes (21) | Sugar Cane (22) | Residential/ Commercial (22) | Residential (22) | Ranch/Pasture (L), Sugar Cane (R) | Trees & Bushes (24) (Residential (R) Beach (L))

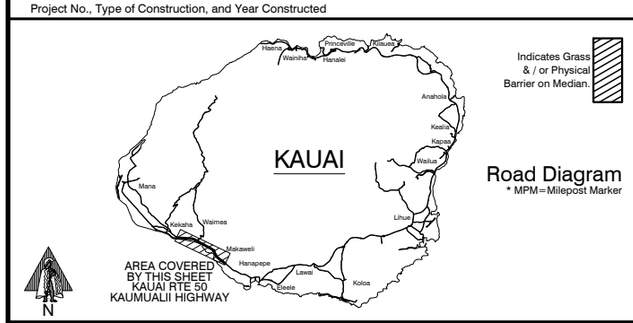
Right of Way Fence: Type - Right and Left: W/W 20' (20.76–21.06); W/W 20' (21.00–21.20); (21.96–22.50); (22.06–22.50); WW / WOOD / WW (23.36–24.01)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (50B-01-14, INTERSECTION IMPROVEMENTS, 2022)

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

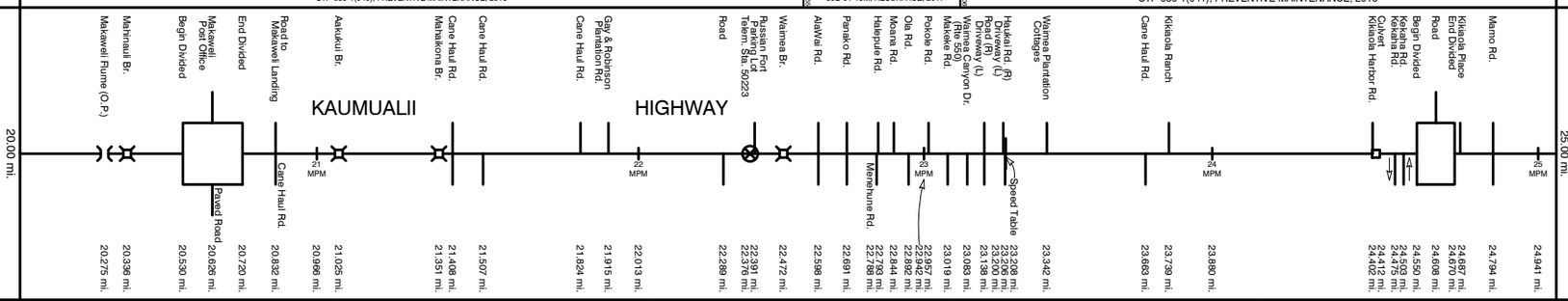
Project No., Type of Construction, and Year Constructed: STP-050-1(040), PREVENTIVE MAINTENANCE, 2016 | 50B-01-15M, RESURFACE, 2017 (22.56–22.76) | STP-050-1(041), PREVENTIVE MAINTENANCE, 2016



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 4 — 20.00 mi.



CONTINUED ON SHEET 6 — 25.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 6'-14' AC | 0 | 8' AC (23.01–23.21) | 4' AC

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

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

Median

Median: Width and Type: MILLED CENTERLINE RUMBLE STRIP (20.03) | 0'-9' Painted AC (20.72) | MILLED CENTERLINE RUMBLE STRIP (20.74–22.37) | MILLED CENTERLINE RUMBLE STRIP (23.44) | 0'-13' Painted AC (24.55–24.67)

Shoulder: Width and Type: 0

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

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

Number of Traffic Lanes: 2-12' | 1-12' / 1-11' (22.30–23.10) | 2-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .626 12 .678; .576 12 .7 | 8' Parking Lanes (.615–.631)

(Right Side): .289 .238 13' 3' .340; .567 13' .619 .598; 8' Parking Lanes; .090 .031; .179 9' 11' .269 .206 .242; .608 .567 11' 11' .651

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

Sidewalk: Width and Type (Right and Left): 3' Conc. .464–.602; 4' Conc. .786–.259; .202

Curb and/or Gutter: Type (Right and Left): (Conc. Curb+2' Conc. Gutter) Conc. Curb .209; (Conc. Curb+2' Conc. Gutter) Conc. Curb .749 Conc. Curb .071

Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL: .082 .026 .261 .258 .519 .517; .996 .984 .075 .071 .157 .159 .402 .667 .668 .811 .816 .939; .131 .200 .214 .442 .545; .399 .365 .447 .419

Illumination: Type, Location and Number: (1) M.V. (20.83); M.V. (22.69–22.96); M.V. (23.35); M.V. (24.54)

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 (25.07)

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 (20.36) | B (20.51) | A (20.81) | B (21.36) | A (22.36) | C (22.57) | B (22.69) | A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (99999) | Small Urban (99998) (22.472)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Rolling (2) | Flat (1) (22.92)

Speed: 1-Design, 2-Posted: 50 MPH ② | 45 MPH ② (20.41–20.53) | 35 MPH ② (20.57–20.66) | 45 MPH ② (20.67–20.83) | 50 MPH ② | 35 MPH ② (22.24–22.55) | 25 MPH ② (22.59–23.35) | 35 MPH ② (23.60–23.78) | 45 MPH ② (23.85–24.62) | 50 MPH ② | 35 MPH ② (24.78)

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 2023: 11,400 | 11,300 | 9,000 | 7,000

HPMS Sections - AADT 2022: 11,300 | 9,526 | 9,200 | 6,124

HPMS Sections - AADT 2021: 10,500 | 9,800 | 8,200 | 6,300

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits
- STP-050-1(040), PREVENTIVE MAINTENANCE, 2016 (20.98–22.62)
- 50B-01-06M, REHABILITATION, 2014 (21.36–22.47)
- STP-050-1(25), GUARDRAIL/SHOULDER IMPR., 2005 (23.08)
- (HWY-K-02-98 (IMPRV.) 2000) (20.54–20.70); STP-050-1(18), 1997 (21.34)
- 50B-01-00M, Resurf., 2003
- STP-050-1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995 (22.50)
- STP-050-1(12) (GUARDRL. & SHLDR. IMPRV.), 1995
- 50B-01-67, 1967 (23.13)
- (F-050-1(1), 1957) (24.34)
- 50B-02-93M (FOG SEALING), 1994
- (HES-050-1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990) (20.36)
- 50B-01-92M (R), 1992 (22.50)
- STP-050-1(10) (R), 1993 (23.04)
- BD 66-341 (R) 1967
- STP-050-1(13) (R), 1995
- BD 66-341 (R), 1967 (24.36)
- 50B-01-86M (R), 1986 (21.39)
- HW-K-01-78M (R), 1978 (0+00 – 206+00.1)
- LT-K-03-80M (R), 1980 (492+94 – 135+00) (23.12–24.13)
- FAP-F29(4), 1946 (38+67.5)
- FAP 29 A(1), 1938 (22.04–22.78)
- (FAP 29 D(1), 1940) (22.96)
- FAP 29D (1), 1941
- DAWR 1, 1942 - 1944

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

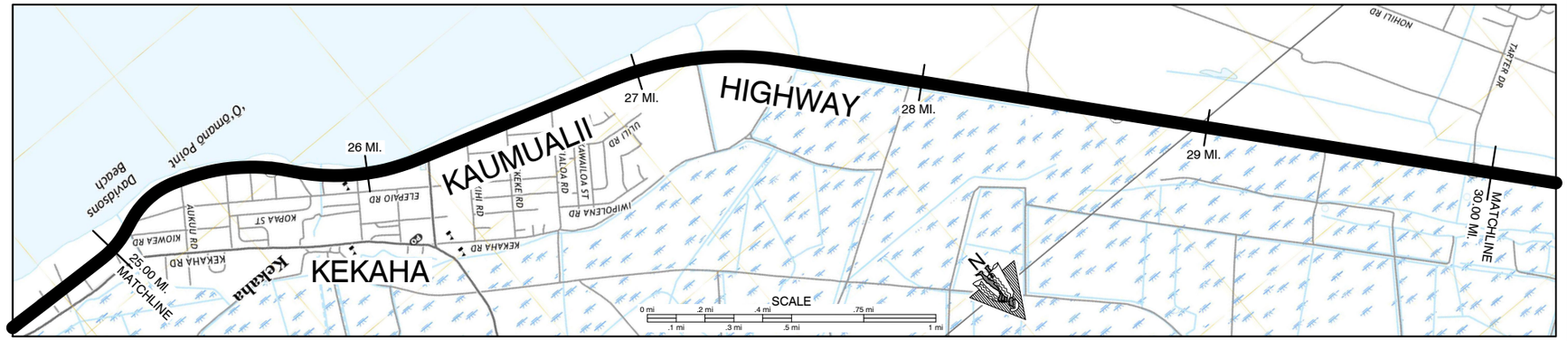
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	32.918	MILES (a+b)
a. Existing Length:	32.918	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	MILES
b. Temporary Length:	0.000	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: 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' (22.23); RC FLAT SLAB (CNL) 1957 33' (22.67)

Vertical Clearance

Horizontal Clearance: 42'; 42'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (26.07); 100'

Available Right of Way Width (Needs Study): Residential (R) Beach (L) (26.18); 1000' Clear (Bushes & Sugar Cane 20' F.E.P.))

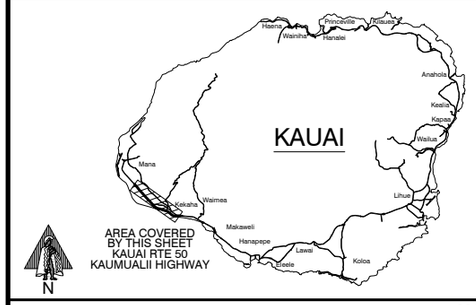
Right of Way Fence: Type - Right and Left: (Wood 25' FEP) (25.73–25.77); WW 50' FEP (28.01–28.29); WW 50' FEP (28.29–28.71); WW 75' FEP (28.41–29.96)

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

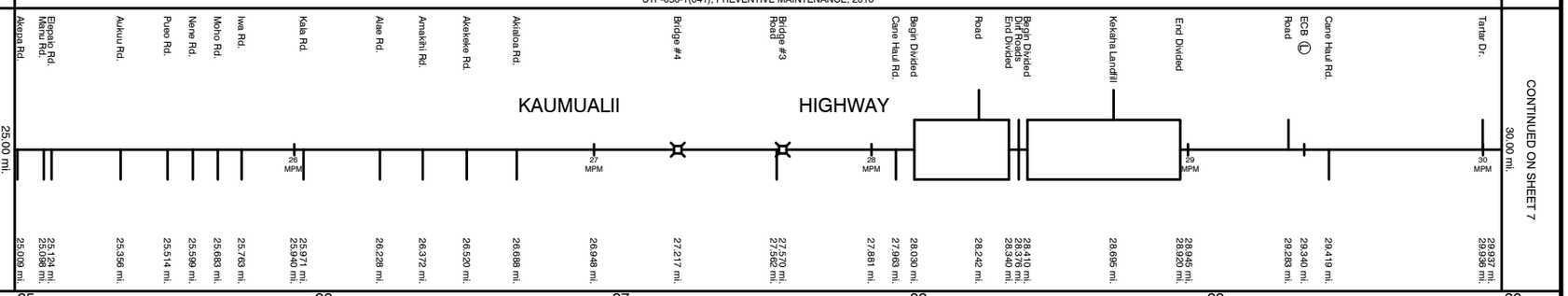
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

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

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



Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 4' AC (26.09); 20' AC (26.30); (26.70) (4' AC); 5' AC; 27.07 4' (27.15) (34' AC); 4' AC; (29.01); 6' AC

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

Shoulder: Width and Type: 4' AC; (26.69); 6' AC; 0; (6' AC); 0; 6' AC

Median: Width and Type: (26.54) MILLED CENTERLINE RUMBLE STRIP (27.97); (28.03) 0'-11' Painted AC (28.34); (28.41) 0'-18' Painted AC (28.92); 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): .642 .695 .781; .181 .283 11' 11' .396

(Right Side): .924 10' .963; .124 11' .242; .566 .695 13' 13' .771

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: .081 .117; .075 .092; (M.V.) .829 .853; .201 .243; .206 .248; .565 .599; .538 .594

Illumination: Type, Location and Number: M.V. (26.58); (26.70) M.V. (26.90); M.V. (26.67)

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): B (25.09); (25.11) A (25.12); B (26.14); A

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998); (27.17) Rural (99999)

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

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

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

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

HPMS Sections - AADT 2023: 7,000 (26.69); 2,900; (850) (29.03)

HPMS Sections - AADT 2022: 6,124; 3,596; (1,100)

HPMS Sections - AADT 2021: 6,300; 3,700; (990)

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits

(25.06) (BD 66-341 (R), 1967) (F-050-1(1), 1957) 25.11; ER-11(2), 1997 25.34 (F-050-1(1), 1957) 25.78–25.84; ER-10(2) (STORM DAMAGE RECONSTRUCTION), 1984; 26.46 50E-03-68 (R), 1968; STP-050-1(13) (R), 1995; BD 66-341 (R), 1967; 26.23 (F-50-1(1), 1957) 50E-03-68 (R), 1968; 27.21 27.26 LT-K-03-80M (R), 1980; 27.59 50 E-03-68 (R), 1968; 28.30; LT-K-03-80M (R), 1980 25.87; (DAWR 1, 1942 - 1944); (27.23); (DAWR 1, 1942 - 1944); STP-050-1(25), GUARDRAIL AND SHOULDER IMPROVEMENTS, 2005; 27.26; HWY-K-01-82M (R), 1968; 28.37 50AB-01-08M, Pav't Marking, 2009 28.92; 28.42; STP-050-1(12) (GUARDRL. & SHLDR, IMPRV.), 1995; 50A-01-89M (R), 1990

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001

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

ROAD INVENTORY

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

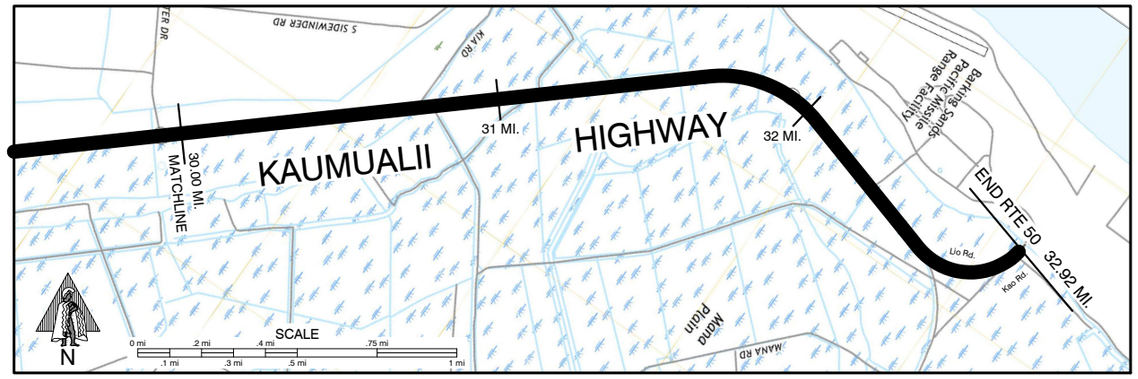
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

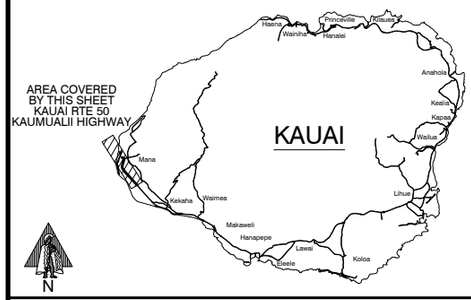
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	32.918	MILES (a+b)
a. Existing Length:	32.918	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	32.918	MILES (a+b, less c)
a. Existing Length:	32.918	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	NONE	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



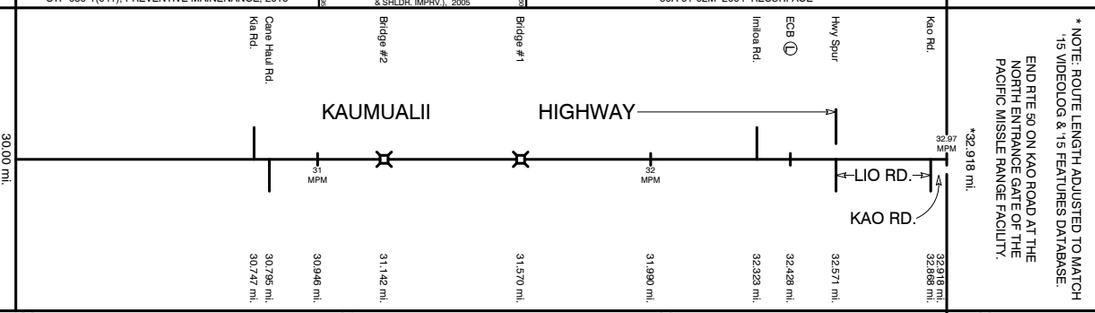
	Maintenance Control Sections : Length and Description	50 A (8.45 MI.) BEG. 50 A - SAME AS END RTE 50.
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC FLAT SLAB (CNL) HS-20, 1957 41' (31.14); RC FLAT SLAB (CNL) HS-20, 1957 41' (32.57)
	Vertical Clearance	
	Horizontal Clearance	42' 42'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
	Right of Way Width (min.-max.) if varies	100'
	Available Right of Way Width (Needs Study)	1000' Clear (Bushes & Sugar Cane 20' F.E.P.)
	Right of Way Fence: Type - Right and Left	NONE
	Control of Access: 1-None, 2-Partial, 3-Full	NONE
	Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE (0+00)
	Project No., Type of Construction, and Year Constructed	STP-050-1(038), MARKINGS AND SIGNAGE, 2017 (133+00)
	Project No., Type of Construction, and Year Constructed	STP-050-1(041), PREVENTIVE MAINENANCE, 2016 (30.95); STP-050-1(25), (GUARDRL. & SHLDR. IMPRV.), 2005 (31.60); 50A-01-02M 2004 RESURFACE



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 6



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

END RTE 50 ON KAO ROAD AT THE NORTH ENTRANCE GATE OF THE PACIFIC MISSLE RANGE FACILITY.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	6' AC
	Pavement: Width and Type	22' AC; 20'-22' AC (32.07)
	Shoulder: Width and Type	6' AC
	Median: Width and Type	MILLED CENTERLINE RUMBLE STRIP (30.95)
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
	Number of Traffic Lanes	2-11'; 2-(10'-11') (32.07)
	Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
	(Right Side)	
	Frontage Road: No. of Lanes, and Width (Right and Left)	NONE
	Sidewalk: Width and Type (Right and Left)	NONE
	Curb and/or Gutter: Type (Right and Left)	NONE
	Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL	.141 .175 .119 .169; .553 .595 .549 .581; .511 .535 .506 .530
	Illumination: Type, Location and Number	NONE
	Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	A; 32.07 B 32.92
	Superelevation (Range)	
	Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	A
	Vertical Curve: Crest or Sag, Curve Limits	
	Area and Development:	Rural (99999)
	Terrain: 1-Flat, 2-Rolling, 3-Mountainous	Flat (1)
	Speed: 1-Design, 2-Posted	50 MPH ② (32.22); 32.23 35 MPH ②
	Intersection Control Devices: Type, Location and Cycle Timing	NONE
	Traffic Stations (Current Year)	B73 0050 02993; B73 0050 03232
	HPMS Sections - AADT 2023	850; 30.74; 370
	HPMS Sections - AADT 2022	1,100; 282
	HPMS Sections - AADT 2021	990; 290
	DOD Sections	
	Census Tracts	
	Functional Classification	Minor Arterial (4)
	National Highway System (NHS)	Not on NHS (0)
	Previous Projects: Project No., Date and Limits	STP-050-1(25), (GUARDRL & SHLDR. IMPRV.), 2005 (31.60); STP-050-1(12) (GUARDRL & SHLDR. IMPRV.), 1995 (30.94); 50A-01-02M 2004 RESURFACE; STP-050-1(12) (GUARDRL.& SHLDR. IMPRV.), 1995 (30.94); 50A-01-89M (R), 1990; DAWR 1, 1942 - 1944; (F-050-1(1), 1957) 31.17 (31.18); (31.61) (31.60); 50A-02-70 (R), 1970; (F-050-1(1), 1957) (32.51); 32.54

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

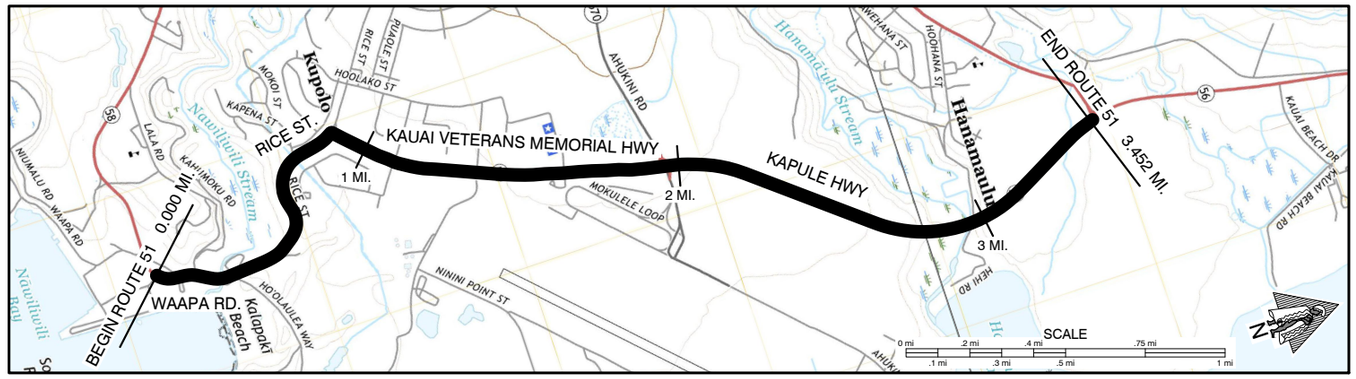
WAAPA RD., RICE ST., KAUAI VETERANS MEMORIAL HWY., KAPULE HWY

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Begin 51A Same as Begin Rte 51 | 51A (0.91 MI.) | End 51A on Rice St. 830' N.W. of Mokoi St. Center Line. (0.91) | 51B (1.04 MI.) (1.96)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: SS-CONC. TEE 1933 H-15 (0.21); PRESTRESSED CONC. GIRDER, 1988 HS-20-40 (2.78)

Vertical Clearance: 50' (0.21); 1140' (2.78)

Horizontal Clearance: 24'; 40'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (0.11); 50' (0.35); 60' (0.60); 70' (0.65); 60' (0.77); 50'; 100' (1.96); 160' (2.27); 150'-155' (2.49); 180' (2.69); 190' (2.78); 170' (2.85); 150' (2.89); 120'-195' (3.02); 180'-210' (3.15); 150'-165'

Available Right of Way Width (Needs Study): Res./Comm. (0.95); Trees & Bushes (0.95); Res./Comm. (1.77)

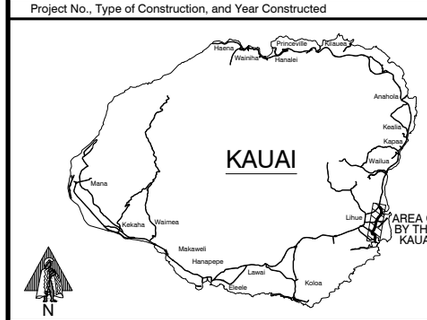
Right of Way Fence: Type - Right and Left: 1.46 Wire 1.52

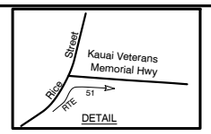
Control of Access: 1-None, 2-Partial, 3-Full: None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State (6+85; 56+29)

Project No., Type of Construction, and Year Constructed: NH-051-1(10), R, 2002 (0.90); 51-01-17M, 2019, PAVE. REPAIR (1.96); (66+00); (134+35)

Project No., Type of Construction, and Year Constructed: STP-0700(38), 1998 (0.74); STP-051-(9), Impry., 2000 (1.20); DP-F-051-1(3), 1975 (1.74); STP-051-1 (20), Impry., 2000 (2.19); NH-051-1(011), RESURFACE, 2014 (3.45)





Road Diagram
* MPM=Milepost Marker

Indicates Grass & / or Physical Barrier on Median.

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

0.000 mi. — EG-B — 0.086 mi. — Waapa Rd. — Rice St. — Kauai Veterans Memorial Hwy — Kapule Hwy — 3.452 mi.

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

*3.452 mi.

Begin Divided (0.018 mi.); End Divided (0.047 mi.); Begin Divided (0.072 mi.); Nawiliwili Br. (0.121 mi.); Lala Rd. (L) (0.184 mi.); Nawiliwili Br. (0.202 mi.); End Divided (0.248 mi.); Begin Divided (0.329 mi.); Kalepaki Rd. (0.374 mi.); End Divided & Rd to Kauai Marriott Hotel (0.740 mi.); Begin Divided (0.753 mi.); Tellem Sta. 51.007 (0.810 mi.); Mokoi St. (0.879 mi.); End Divided Rice St. (0.914 mi.); Begin Divided (0.979 mi.); Halau St. (1.010 mi.); End Divided (1.099 mi.); Haoa St. (1.200 mi.); Nininii Point St. (R) Road to Vidinha Stadium (L) (1.361 mi.); Kauai Vet. Center (1.460 mi.); Begin Divided (1.510 mi.); Kaana St. (1.635 mi.); Cane Haul Rd. (1.764 mi.); Ahukini Rd. (Rte 570) (1.862 mi.); End Divided (1.970 mi.); Cane Haul Rd. (2.218 mi.); Hanamaulu Viaduct (2.471 mi.); Begin Divided (3.235 mi.)

MPM: 1 (0.329); 2 (1.862); 2.5 (2.471); 3 (3.037)

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

Pavement: Width and Type: (11'/12' AC); (23'/24' AC); 23'/24' AC; 11'/12' AC; 23/24' AC; 11' PCC; 22' PCC; 11' PCC; 11' AC; 12' AC; (12' UTW); 24' UTW; 24' PCC; 24' UTW; 12' UTW; (12' AC)

Shoulder: Width and Type: (8' AC); 0; 8' AC; 0; 2'-4' AC; 0; 9' AC; 0; 5' Bike Lane; 8'-10' PCC; 0; 5' Bike Lane; 8' UTW; 8' PCC; 8' UTW; 0

Median: Width and Type: (0'-13' Paint); 0'-9' Paint; (0'-11' Paint); 0'-10' Painted AC; 0'-11' Painted; AC; PCC; 0'-11' Painted PCC; 0'-18' Painted AC; 0'-27' Painted AC; (0'-18' Painted UTW); 0'-8' Painted UTW; (0'-8' Painted UTW)

Median Barriers:

Divided Highway — Divided

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

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

Shoulder: Width and Type: 8' AC; 8'-10' AC; (4'-8' AC); 8' AC; (10'AC); 10' PCC; 5' Bike Lane; 8'-10' PCC; 5' Bike Lane; 8'-10' AC; (8' UTW); 5' Bike Lane .431; 8' UTW; (8' AC)

Number of Traffic Lanes: 1-11'/12'; 1-12'; 1-11'; 1-11'; 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' .121; 8 .131; 10' .374; 10 .433; 12' .829; 12 .945; 10' .02; 9/2 .08; 11' .16; .56; 11' .635; 12' .71; .91; 12' .952; 12' .068; .119; .403; 10'

(Right Side): 12' .096; 12 .149; 12' Truck Climb Lane .412; 16' .829; .04; 11' .02; 11' .099; .54; 1' .57; 11' .635; .86; 11' .952; 11' AUX LANE .88; 11' .18; .032; .317; 12'

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

Sidewalk: Width and Type (Right and Left): (6' Conc.) .056; .110; 5' Conc. .166

Curb and/or Gutter: Type (Right and Left): .056; CC; .110; .425; BP Curb; .581; .265; Conc. Gutter; .731; .929; (Curb); .983; .246; Conc Curb; .787; .006; Conc Curb; .330; (8' Conc Gutter); .180; .232; .428; .737; (Metal Wire on Metal Posts); .148; .226; (CC).970; .939; A1; AC Curb; .129; Conc Curb; .591; 8' Conc Gutt; .768; .013; 8' C G; .179; Conc Curb; (AC Curb); .173; .220; .147; .222; .755; .037; .431; .756; .038

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

Illumination: Type, Location and Number: .02; M.V.; .172; Inc.; .37; .78; Inc.; .91; 1.83; M.V.; 2.18; 3.36; 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 .02; C .09; C .172; C .16; C .24; A .34; C .44; .46; D .78; A .81; D .86; A .91; C .96; 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 .22; D .68; B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: 0.07; Flat (1) .27; Mountainous (3) .77; Flat (1)

Speed: 1-Design, 2-Posted: (Not Posted) .032; 25 MPH (2) .583; 35 MPH (2) .027; .199; 40 MPH (2) .758; .866; 35 MPH (2) 2.05; MS2012 (-) side; 50 MPH (2) .330; (Not Posted); .328; (35 MPH(2))

Intersection Control Devices: Type, Location and Cycle Timing: Stop Sign .879; 4 Phase .900; 4 Phase .95; Traffic Light .63; 2 Phase .42

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

HPMS Sections - AADT 2023: 13,200; 16,154; 24,384

HPMS Sections - AADT 2022: 13,200; 15,900; 24,000

HPMS Sections - AADT 2021: 11,900; 15,000; 20,200

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

(570A-01-15M, 2017) 1.95; 2.13

(STP-058-1(2), Realign, 1993) 0.08; (50E-05-69, 1969, Resurf. & Truck Climb) 0.84; 51A-01-88M, (R) 1988 0.79; 0.90; 51B-01-92M, (R) 1993 1.50; DP-F-051-1(3), 1975 1.74; F-051(7), 1988 2.09; 51B-01-00M, 2001 Imprv.; F-015-1(7), 1988 2.78; F-051-1(8), 1988 2.99; F-051-1(7), 1988

County 0.09; FAP E-12-A, 1932; 50E-05-69, 1969 0.87; 0.88; DP-F-051-1(3), 1974 2.00; (FAP-E-12-A, 1932)

SCALE: (In Miles) 4" = 1 mile

Date Released	
April 04,	D.B.

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

ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

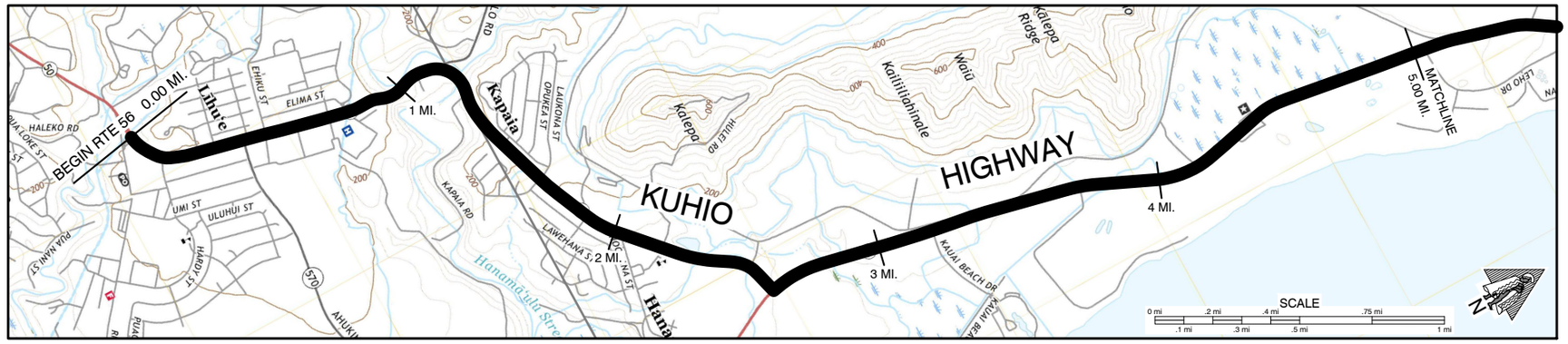
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	28.119	MILES (a+b)
a. Existing Length:	28.119	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	28.119	MILES (a+b, less c)
a. Existing Length:	28.119	MILES
b. Temporary Length:	0.000	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; 157'; 22'; 27'
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 85' 50' 70' 80' 60' 120' 80' 65' 70' 60' 100'

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

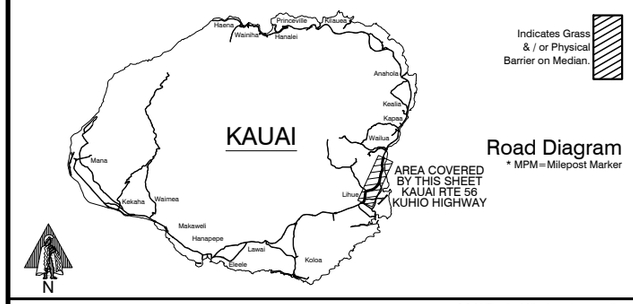
Right of Way Fence: Type - Right and Left (FEP=From Edge of Pav't): Chain Link 50' FEP

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

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

Project No., Type of Construction, and Year Constructed (50E-01-98, 2001 (REALIGNMENT)): 56A-01-00M 2004 RESURFACE; 56A-01-04M, RESURF., 2005; NH-056-1(058), RESURFACE, 2019

Project No., Type of Construction, and Year Constructed: 56A-01-90M (R) 1991; HSIP-056-1(54) INTER. IMPRV 2014; HSIP-056-1(53), 2012, SAFETY IMPROVEMENTS



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

0.000 mi. — Spur from Rice St. — 0.123 mi. — Hardy St. Parking Lot D.W. — End Divided Hwy. — Kali Rd. — Poniciana St. — Oxford St. — Ahukini Rd. (Rte 570) — Road — Rd. to Wal-Mart — End Divided Hwy. — Begin Divided Hwy. — Eiku St. — Eha St. (L) — End Divided Hwy. — Kuene Rd. — Wilcox Memorial Hospital (R) — MPM — Begin Divided Hwy. — & Lauloin Rd. — Kapaia Bridge — End Divided Hwy. — Kapaia Rd. (Rte 583) — KUHIO — Begin Divided Hwy. — Paved Rd. — Nuku St. — Begin Divided Hwy. — Lauloina St. — End Divided Hwy. — Lauloina St. — Road 2.092 mi. — Begin Divided Hwy. — Kalepa Cir. — Hanamaulu Rd. — End Divided Hwy. — Kuhi Rd. — Begin Divided Hwy. — Tem. Sta. 56024 — Paved Roads — Kuhio Hwy. (Rte 51) — Grace Church Driveway — End Divided Hwy. — Kauai Beach Dr. (Radisson Kauai Beach Resort) — Begin Divided Hwy. — End Divided Hwy. — HIGHWAY — Marine Camp Road — End Divided Hwy. — Road to Kauai Jail — Rd. to Wailua Golf Course — Begin Divided Hwy. — Begin Divided — ECB (L) — 5.00 mi.

CONTINUED ON SHEET 2

SCALE: (In Miles) 4" = 1 mile

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

Divided Highway — Median
- Median: Width and Type: 6' Raised Conc.; (0'-13' Painted AC); (0'-10' Painted AC); 0'-13' Painted AC; 0'-11' Painted AC; 0'-12' Painted AC; 0'-10' Painted AC; (8'-10' AC); 0'-6' Painted AC; 0'-11' Painted AC; 0'-11' Painted AC; 0'-11' Painted AC
- Shoulder: Width and Type: 0'; 0'; 0'; 0'; 0'; 0'; 0'; 0'
- Pavement: Width and Type: 24' AC; (20' AC); 20' AC; 20' AC; 10' AC; 11' AC; 11' AC; 11' AC; 12' AC; 20'/21' AC; 20'/22' AC; 20'/22' AC; 20'/22' AC
- Shoulder: Width and Type: 0'; 0'; 0'; 4' AC; (2'-4' AC); 4' AC; (7' AC); (7' AC); 4' AC; 8'-10' AC; 8' AC; 6' AC; 6' AC; 6' AC

Number of Traffic Lanes: 4-12' 4-10' 2-10' 1-10' 2-11' 11' Bus Bus 12' 1-12' 1-12' 2-10'/11' 1-10'/11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' 11' AUX 11' 11' 11'

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:	0.000	MILES
Total Travel Way Length:	28.119	MILES (a+b, less c)
a. Existing Length:	28.119	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	NONE	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

56A (9.86 MI.) — End 56A - Begin 56B on Kuhio Hwy. 100' North of Centerline Inersection with Mailihuna Rd. — 56B (3.68 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Tee Beam (RIV) 425' (5.77)
- Cont. Conc. Slab HS20 1963 56' (Widened in 1993) (7.22)
- Prestressed Conc. Plank HS-20-44 81' (Widened in 2001) (8.10)
- Tee Beam H20 (CNL) 1948 81' (8.64)
- Tee Beam (STR) 1953 152' (9.96)

Vertical Clearance

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

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 100' (5.14) | 60' (5.69) | 80' (6.12) | 60' | 70' (8.16) | 60' (8.36) | Varies 80'-120' (8.59) | 50' (8.81) | (Varies 50'-90') (9.00) | 50' (9.15) | Varies 50'-80' (9.22) | (70') (9.26) | 60' (9.34) | 50' (9.38) | 50' (9.28) | 60' (9.86) | 100'

Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't): Clear 1000' - Sugar Cane 20' FEP (5.59) | Residential (5.86) | (6.38) (Sugar Cane Clear 1000') (6.59) | Resort / Residential (8.03) | Open Range (9.14) | Residential

Right of Way Fence: Type - Right and Left: (2' FEP Chain Link) 8.46 8.52 | 30' FEP 9.28 9.39 W/W

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

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

Project No., Type of Construction, and Year Constructed:
- NH-056-1(058) RESURFACE, 2019
- HSIP-056-1(53), 2012, SAFETY IMPROVEMENTS (5.54)
- (BR-056-1(51), Bridge Widening 2020) (5.72)
- (6.59) (441+00) 56A-01-12M RESURFACE 2015
- (BR-STP-056-1(35), 2001 BRIDGE WIDENING) (518+36) (8.05) (8.23)
- (5+10) 56A-01-05M, RESURF., 2010 (46+00)
- (568+50) ARR-056-1(52), RESURF., 2010 (3+10) (9.60)

Project No., Type of Construction, and Year Constructed:
- 56A-01-92 (IMPRV.) 1993 (7.38)
- STP-056-1(37) (R) 1996 (8.05)
- 56A-08-90 1991 (8.65)
- 56A-03-90M (R) 1991 (8.91)
- (56A-01-97 ((L) TURN LANE) 1998) STP-0700 (28) (IMPRV.) 1994 (9.02)
- 56B-01-01M 2004 (R) (9.81)

Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 1 — 5.00 mi. — 10.00 mi. — CONTINUED ON SHEET 3

KUHIO HIGHWAY

Leho Dr. | End Divided Hwy. | Begin Divided Hwy. | Crossover Road (5.50 MPM) | Waiua Marina Road | Murphy Pham Baptiste Memorial Bridge | Rd. to Beach | End Divided Hwy. | Kuamoo Rd. (Rte. 580) | (6 MPM) | Begin Divided Hwy. | Halelilo Rd. | Papaloa Rd. | Begin Divided Hwy. | Lanikai St. | End Divided Hwy. | Culvert | Begin Divided Hwy. | Temp. Kapaa Bypass Rd. | 6.612 mi. | Papaloa Rd. | End Divided Hwy. | Aleka Ln. (Coconut Plantation) | Begin Divided Hwy. | Fernandes St. | 7.044 mi. | (7 MPM) | Begin Divided Hwy. | Aleka Ln. (Coconut Plantation) | End Divided Hwy. | Poli Rd. | Kamoa Rd. | Rd. to Kapaa Beach Park | 7.384 mi. | Rd. to Kapaa Beach & Beg Div Hwy | Wiena Rd. (Kauai Kaiua Apts.) | Waipouli Beach Resort (R) | End Divided Hwy. | Rd. to Shopping Ctr. (L) | Ala Rd. | Hoi Rd. | Kamoa Rd. | Kapaa Shopping Ctr. | Panihi Rd. | Makaha Rd. | Kipuni Pl. | Keaka Rd. | (8 MPM) | Road to Pono Kai Resort | Inia St. | Olu St. | Begin Div Hwy | Kaiola Rd. | Akea Rd. | ECB 8.031 mi. (Kawaiola Rd.) | Kalolou Rd. (R) | Kalolou Rd. (L) | Begin Div Hwy. | Kuhio Hwy. | Nu St. | Kukui St. | (L)8.407 mi. | (L)8.473 mi. | Lehua St. | Begin Div Hwy. | Molokoa Br. | End Divided Hwy. | Kou St. | Begin Divided Hwy. | (9 MPM) | (L)8.950 mi. | End Divided Hwy. | Kapaa Bypass Rd. | Hauaala Rd. | Begin Divided Hwy. | Road | (9.5 MPM) | Begin Divided Hwy. | Road to Lookout | Road (R) | End Divided Hwy. | Mailihuna Road | Kapaa Bridge | (10 MPM)

SCALE: (In Miles) 4" = 1 mile

Divided Highway

| | | |

ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

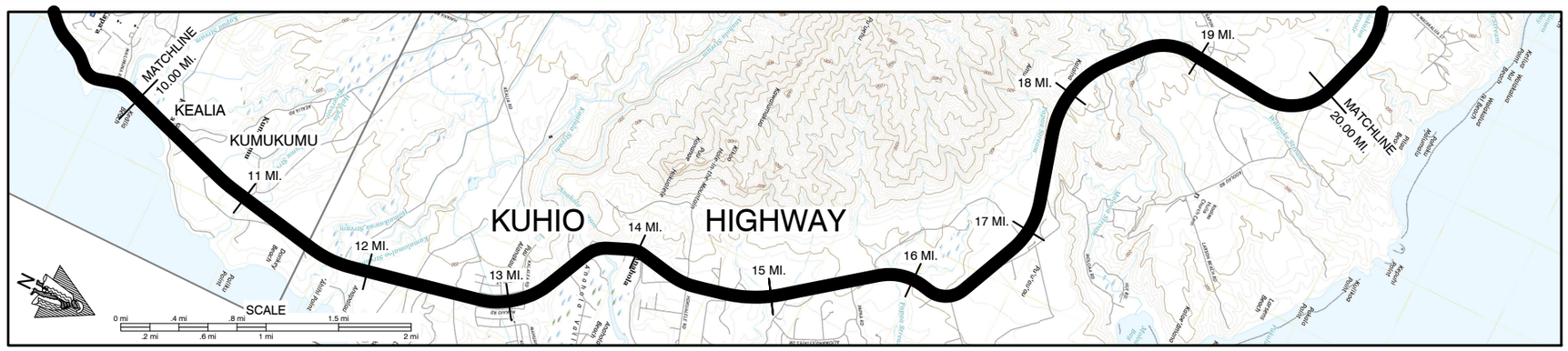
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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:	0.000	MILES
Total Travel Way Length:	28.119	MILES (a+b, less c)
a. Existing Length:	28.119	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	NONE	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 2" = 1 mile

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

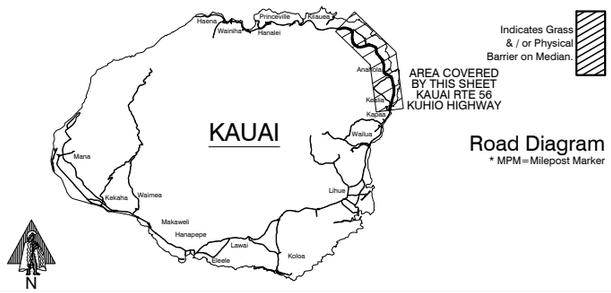
Structure Carrying Road

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

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

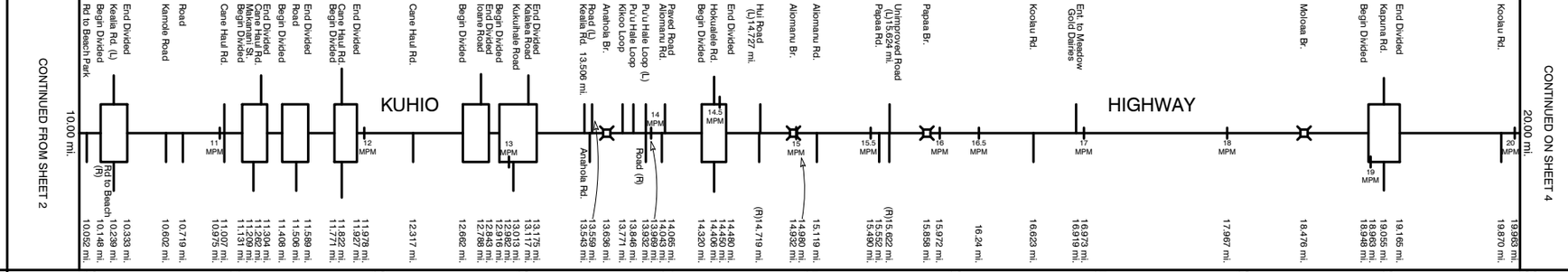
Right of Way Width (min.-max.) if varies	(100') (80') Varies 80' to 160'; Varies 80' to 260'
Available Right of Way Width (Needs Study)	Residential; Clear 1000' - Sugar Cane; Residential; Clear 1000' - Pineapple / Sugar Cane; Bushes and Trees
Right of Way Fence: Type - Right and Left (FEP = From Edge of Pav't.)	(25' FEP); (15' FEP); None (20' FEP); Wire on Wood 35' FEP; Wire on Wood 35' FEP
Control of Access: 1-None, 2-Partial, 3-Full	State
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	84+75; 19+00; 175+21.85; 45+60; 43+60
Project No., Type of Construction, and Year Constructed	56B-01-01M 2004 (R); 56C-01-15M, (R), 2019; 26+00; 56C-01-17M,(R),2021; STP-056-1(057)(Resurf.)2020
Project No., Type of Construction, and Year Constructed	STP-0700(28) (SHLDR. & G.R. IMPRV.) 1994; 56 BC-01-99M, RESURF., 2000; STP-056-1(38) (R) 1996; 56C-02-07M, (R), 2008; ER 5(1) 1957; 50D-56AB-01-70 (SHLDR) 1970; (56C-01-87M (R) 1987); STP-056-1(42) (R) 1999; (STP-0700(58), GUARDRAILS, 2008)



Indicates Grass & / or Physical Barrier on Median.

AREA COVERED BY THIS SHEET KAUAI RTE 56 KUHIO HIGHWAY

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided — Shoulder: Width and Type	8' AC; 6' AC; 8'AC; 6'AC; 6'AC; 4'AC; 6'AC; 4'-8' AC; 4'AC
Undivided — Pavement: Width and Type	23' AC; 11' AC; 22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 11' AC; 22' AC; 24' AC; 12' AC; 24' AC; 22' AC; 11' AC; 22' AC
Undivided — Shoulder: Width and Type	6' AC; 0; 8' AC; 6'AC; 0; 6' AC; 0; 6'AC; 0; 4' AC; 6' AC; 6'AC; 0; 6' AC; 0; 6'AC; 6' AC; 10' AC; 0; 6'AC; 4'-8' AC; 8'-14' AC; 10' AC; 4'-8' AC; 6' AC; 4' AC; 0; 4' AC
Median: Width and Type	0'-12' Paint AC; 0'-10' Painted AC; 0'-12' Painted AC; 0'-11' Painted AC; 0'-9' Painted AC; 0'-10' Painted AC; (Centerline Milled Rumble Strip); 0'-11' Painted AC; Centerline Milled Rumble Strip; 0'-11' Painted AC
Median — Shoulder: Width and Type	0; 0; 0; 0; 0; 0; 0; 0
Median — Pavement: Width and Type	12' AC; 11' AC; 11' AC; 11' AC; 11' AC; 11' AC; 12' AC; 11' AC; 11' AC
Median — Shoulder: Width and Type	6' AC; 6'AC; 6'AC; 6' AC; 6' AC; 2'-7' AC; (10' AC); (6' AC); 4' AC
Number of Traffic Lanes	1-11' 13' Bus; 2-11'; 2-12'; 2-11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.242 .265; .013 .066; .518 .545 .851 .878; .055 .13 .165
(Right Side)	12' .298; 11' 11' .164 .542 .822 .860; 11' .944 .080 12'; 12' .362 .449; 11' .102; .690 .788 .050 .117 12'; 11' .966 .065 Bus .492 .596 .819 .844; .359 .406; .008 .055; .052 .269 .638 .679 .719; .209 .443 .506; .013 .037 10'; .543 Bus 12'; .945 .055
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	None
Curb and/or Gutter: Type (Right and Left) (All Gutters 2' Concrete)	6' conc. .231; 6' conc. .231; .144 .210 .570 .640 .043 .203; .184 .299 .636 .680; .807 .977 .064; (Type 2 Conc. Gutter) .404 .516; (Type 2 Conc. Gutter) .574 .612 .000 .087 .542 .791 .438 .488
Protective Devices: Type, Location and Number (All Metal Rail on Metal Post)	.284 .431 .855 .862 .018 .148 .489 .506 .629 .807 .042; .625 .675 .911 .148 .180 .510 .879 .103 .501 .666 .914 .959 .099 .295; .785 .972 .093 .724 .225; .300 .568 .845 .959 .018 .120 .460 .729 .829 .033 .270 .318 .700 .777
Illumination: Type, Location and Number	.980 .132 .475 .499 .631 .899 .038; .623 .730 .038 .379 .627 .749 .880 .087 .415 .617 .747 .897 .961 .000 .301 .803 .958 .244; .085 .139 .193; .299 .526 .701 .941 .030 .282 .403 .754 .954 .041 .503 .628 .782 .752 .834 .095 .134 .466 .539 .836 .675 .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; B A C; A; B; A
Superelevation (Range)	
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	A C B A D C B B C D C B A C B C D A C B C B C B
Contra Flow Lane	
Area and Development:	Small Urban (99998); Rural (99999)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	Rolling (2); Flat (1); Rolling (2); Mountainous (3); Rolling (2) (Flat (1))
Speed: 1-Design, 2-Posted	40 mph (1) .346 .339; 50 MPH (2); 45 MPH (2) .530 .694 .683; 35 MPH (2) .523 .80; 50 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	None
Traffic Stations (Current Year)	B73 0056 01022; B73 0056 01121; B73 0056 01355; B73 0056 01906; (B73 0056 02156)
HPMS Sections - AADT 2023	15,500; 15,200; 13,800; 12,100; (12,900)
HPMS Sections - AADT 2022	12,636; 15,800; 12,830; 8,942; (11,761)
HPMS Sections - AADT 2021	13,000; 14,900; 13,200; 9,200; (12,100)
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 15.00 56C-01-88M (R) 1988 15.87 ER 5(1) 1957 16.21 16.70 56C-01-87M (R) 1987 17.42 (LT-K-03-80M (R) 1980); 56B-01-89M (R) 1989 12.35 12.59 STP-056-1(34) Shldr. & Guardrails 1995 15.87 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

Date Released
Nov. 2001

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

ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

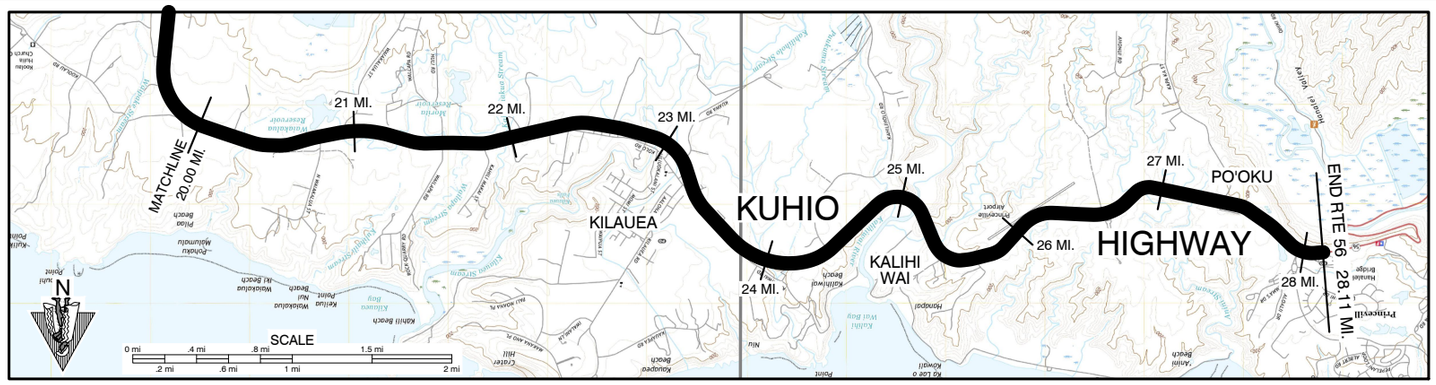
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	28.119	MILES (a+b)
a. Existing Length:	28.119	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	28.119	MILES (a+b, less c)
a. Existing Length:	28.119	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	NONE	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 2" = 1 mile

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

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

Structure Carrying Road — Vertical Clearance

Structure Carrying Road — Horizontal Clearance: 36'; 40'; 34'; 28'

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

Right of Way Width (min.-max.) if varies: 60'-500'; 100'-200'; 100'; 100'; 100'; 130'; 70'-200'; 40' (Varies 110'-160'); (Varies 300'-360') (Varies 160'-165'); Varies 160'-295'

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

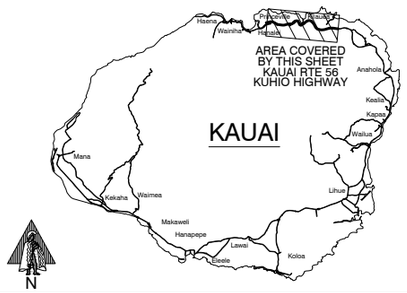
Right of Way Fence: Type - Right and Left (FEP=From Edge of Pav't): Wire on Wood 35' FEP; Wire on Wood 35' FEP; Wire on Wood 10'-20' FEP; Wire on Wood 10'-20' FEP

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State; (56D-01-13,INTERSECTION IMPROV.,2015)

Project No., Type of Construction, and Year Constructed: HSIP-056-1(060)(Safety Improvement) 2017; (ER-16(003), SLOPE STABILIZATION, 2021); ER-24(003) SLOPE STABILIZATION 2021

Project No., Type of Construction, and Year Constructed: (56C-01-09, 2012, INTERSECTION IMPROVMENTS); 56C-02-08M, RESURF., 2010; 56CD-01-09M, MARKINGS, 2015; 56D-01-07 RESURF 2012; 56D-03-08M, RESURF., 2010; (56D-03-08M, RESURF., 2010); 56D-01-08M, RESURF., 2010



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 3

20.00 mi. — KUHIO HIGHWAY — *28.119 mi.

Waiakalua Br. (20.296 mi.); Waiakalua St. Begin Divided (20.700 mi.); North Waiakalua St. (20.775 mi.); Waiakalua St. Begin Divided (20.874 mi.); End Divided (R)20.958 mi.; Paved Rd. (21.038 mi.); Begin Divided (21.290 mi.); Waiapa Rd. End Divided (21.473 mi.); Kahili Makai St. (21.561 mi.); Driveway (21.638 mi.); Culvert (21.824 mi.); Pili Rd. (21.979 mi.); Kilauea Br. Hooku Rd. (22.263 mi.); Kuawa Rd. (22.633 mi.); Begin Divided (22.869 mi.); Kalamania Rd. End Divided (23.136 mi.); Koio Rd. (23.266 mi.); Tourist Crossing Begin Divided (23.356 mi.); Telem. Sta. 300 End Divided (23.471 mi.); Kaliliwai Rd. (23.561 mi.); End Divided (23.688 mi.); Begin Divided (23.740 mi.); Unimproved Road (23.883 mi.); Kaliliwai Rd. (23.959 mi.); Begin Divided (24.059 mi.); End Divided Kahilinob Rd. (24.285 mi.); Begin Divided (24.303 mi.); ECB (24.398 mi.); Kaliliwai Br. Structure #4 (24.452 mi.); Kaliliwai Rd. Begin Divided (24.698 mi.); End Divided (24.944 mi.); Anini Vista Dr. End Divided (25.403 mi.); Kaliliwai Rd. Begin Divided (25.459 mi.); End Divided Entrance to Princeville Airport Begin Divided (25.603 mi.); (R&L)25.670 mi.; (R&L)25.876 mi.; (R&L)25.847 mi.; (R&L)26.030 mi.; Begin Divided (26.432 mi.); Country Club Rd. (B); Hanalei Refuge Begin Divided (26.567 mi.); End Divided (26.701 mi.); Kapa'ka St. Begin Divided (26.972 mi.); End Divided (27.287 mi.); Begin Divided (27.369 mi.); Old Rd. to Princeville Rd. to Princeville (Ka Haku Rd.) (27.445 mi.); (27.735 mi.); (27.954 mi.); (28.059 mi.)

21 MPM; 20.944 mi.; 22 MPM; 23 MPM; 24 MPM; 24.344 mi.; 25 MPM; 26 MPM; 27 MPM L & R; 28 MPM

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

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

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided:

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

Pavement: Width and Type: 22' AC; (22' AC); 11' AC; 11' AC; 22' AC; 11' AC; (6'-12' 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; (4' AC); 0; 0; 6'-12' AC; 0; 4'-6' AC; 6'-12' AC; 16' AC; 6'-12' AC; 0; 8' AC; 0; 4'-8' AC; 0; 4'-8' AC; 0; 7' AC; 0; 7' AC; 0; 7' AC; 0; 2' AC; 0

Median: Width and Type: (0-8' Painted AC); 0-12' Painted AC; Centerline Milled Rumble Strip; 0'-10' Painted AC; 0'-12' Painted AC; 0'-11' Painted AC; 0'-14' Painted AC; 0'-14' Painted AC; 0'-15' Painted AC; C. Milled Rumble Strip; 0-12' Painted AC; (0'-12' Painted AC); A-13 Raised Grass; (0'-8' 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; 11' AC; 10' AC; 12' AC; 12' AC; 11' AC; 12' AC; 12' AC; 12' AC; 11' AC

Shoulder: Width and Type: 4' AC; 4' AC; 6'-12' AC; 20' AC; 8' AC; 8' AC; 5' AC; 4'-8' AC; 8' AC; 7' AC; 7' AC; 4' AC

Number of Traffic Lanes: 2-11'; 1-11' 1-10'; 2-12'; 2-11'; 2-12'; 1-12' 1-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (10' Bus); 9' Bus; 12' Bus

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 3' AC; 3' AC

Curb and/or Gutter: Type (Right and Left): All 2' Conc. Gutters; 4464 AC Curbs

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

Illumination: Type, Location and Number: None

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

Superelevation (Range)

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

Contra Flow Lane

Area and Development: Rural (99999)

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

Speed: 1-Design, 2-Posted: 50 MPH (2); 40 MPH (2); 50 MPH (2); (40 MPH (2); 40 MPH (2); 50 (2); 40 (2); 30 MPH (2); 35 MPH (2); 30 MPH (2); 40 MPH (2); 35 MPH (2); (Not Posted)

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

Traffic Stations (Current Year): B73 0056 02156; B73 0056 02388; B73 0056 02592

HPMS Sections - AADT 2023: 12,900; 13,300; 12,600

HPMS Sections - AADT 2022: 11,761; 9,914; 10,789

HPMS Sections - AADT 2021: 12,100; 10,200; 11,100

DOD Sections

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits

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

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

(50D-56AB-01-70 1970); 50D-01-92M (R) 1993; (STP-056-1(36) 1998)

(S-0560(2) U-2 1963); F-056-1(8) 1967; DP-RF-056-1(10) (New Alignment) 1973; HWY-K-01-77M (R) 1977; HWY-K-01-77M (R) 1977; COUNTY; LT-K-03-80M 1980 (R); (ER-7(1) U-2 1963)

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

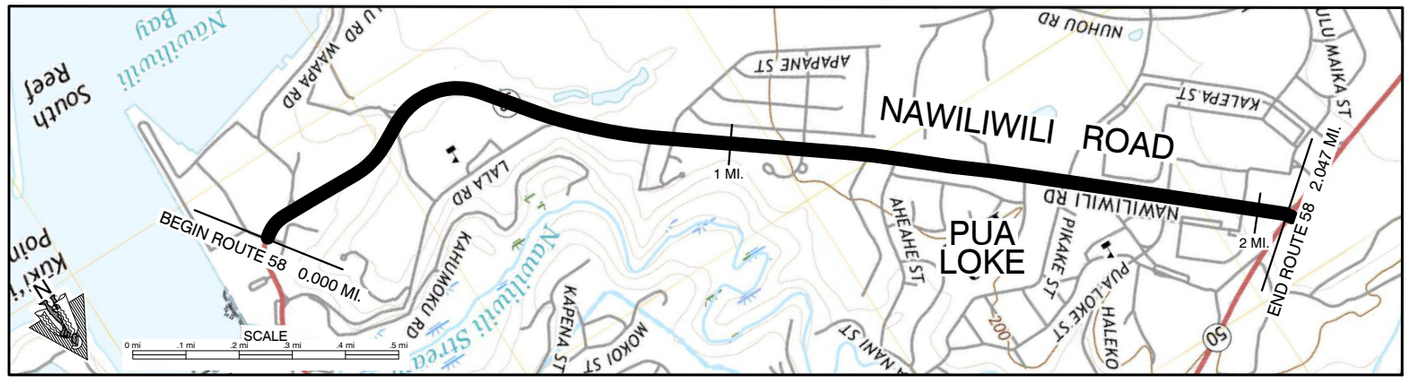
KAUAI RTE 58
NAWILIWILI ROAD

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: 6 5/8" = 1 mile

Maintenance Control Sections : Length and Description

Beg. 58A on Nawiliwili Rd. at the centerline intersection with Wapa Rd. (Rte 51) — 58 A (2.06 mi.) — End 58 A same as end route.

Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (0.14) 100' (0.16) 120' (0.20) 140' (0.26) 150' (0.32) 110' (0.42) 90' (0.51) 110' (0.56) 100' (0.64) 80' (1.67) 120'

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

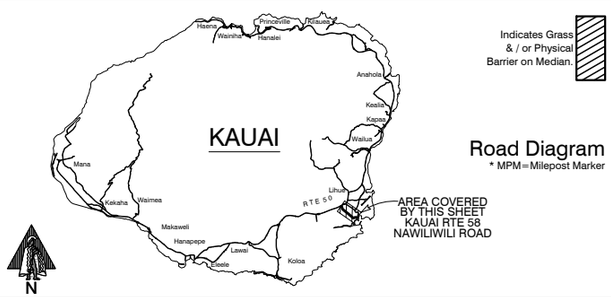
Right of Way Fence: Type - Right and Left: 6' Chainlink (1.71–1.84); 6' Chainlink (1.86–1.98)

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

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

Project No., Type of Construction, and Year Constructed: 58A-01-14M, Resurf., 2020 (0.06–1.57)

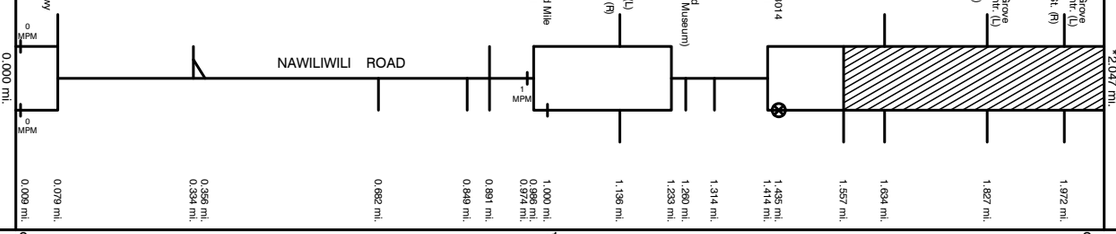
Project No., Type of Construction, and Year Constructed: CMAQ-058-1(4), Bikeway, 2012



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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



* 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)

SCALE: 6 5/8" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 8' AC (0.07) 10' Dirt (0.15) 4' AC (0.49) 9' AC (0.66) 4' AC (1.58) 10' AC (1.97–2.047); 4' PCC BIKE LANE
- Pavement: Width and Type: 11' AC 23' AC (0.43) 24' AC 12' AC 23' AC 11' AC 11' PCC (1.63) 22' PCC
- Shoulder: Width and Type: 0 10' Dirt (0.15) 8'-10' AC (0.26) 4'-22' AC 0 (4' AC) 9' AC 4' AC (1.56) 0

Divided Highway — Median

- Median: Width and Type: 0'-13' Painted AC (0.079–0.974); 0'-11' Painted AC (0.233–1.25) (1.31–1.414); 0'-20' Paint (0.567–1.56); 0'-20' Raised Grass (1.56–1.972); 0'-20' Raised Conc. (1.972–2.047)
- Shoulder: Width and Type: 0 0 0
- Pavement: Width and Type: 12' AC 12' AC 11' AC 22' PCC (1.972–2.047)
- Shoulder: Width and Type: 8' AC (0.42) 4' AC 4' PCC BIKE LANE 10' AC

Number of Traffic Lanes: 1-11' 1-12' 1-12' 1-12' 1-11' 1-11' .41 1-11' .63 2-11' 2-11' .56 2-11'

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

10' (L) T.L. 12' .04 9' .08 .08 11' .14 .86 11' .89 12' .99 .10 9' .14 12' .18 .04 12' .14 .25 .50 11' .52 12' .51 12' 2-11' .59 .63 .56 .57 11' .71 .63 .72 11' .83 11' .90 .97 11' .00 11' .03 12' (Same as 2-11' Through Lanes)

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

Sidewalk: Width and Type (Right and Left): .990 (8' Conc.)

Curb and/or Gutter: Type (Right and Left): 1.59 4' Conc. 1.67; 1.624 Concrete Curb; 1.59 Concrete Curb 1.98

Protective Devices: Type, Location and Number — All Guardrails M/M: .094 .107 .313 .270 .275 6' Concrete Gutter .488 .671 .657; 1.64 1.82 1.84 1.96

Illumination: Type, Location and Number: None; 1.45 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 0.06 A 0.12 C 0.20 A 0.26 C 0.63 A 1.56 C 1.66 B A 2.03 F

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Flat (1) 0.06 Rolling (2) 0.71 Flat (1)

Speed: 1-Design, 2-Posted: 25 MPH (2) Not Posted; 0.16 35 MPH 0.42; 40 MPH (2); 1.77 35 MPH (2); 1.82 35 MPH (2) 2.04

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase 0.64; 3 Phase 0.82; 3 Phase 2.04

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

HPMS Sections - AADT 2023: 10,000; 0.34 10,500; 0.69 12,900; 1.83 7,507

HPMS Sections - AADT 2022: 10,400; 10,900; 12,600; 6,106

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

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

- NH-051-1(10) Resurf., 2002: 0.10 NH-058-1(3), Resurface, 2002
- STP-058-1(2), Realignment, 1993: 0.11 HWY-K-01-87 Improvements, 1987 0.68; 58A-01-88M, Resurface, 1988; 1.61 F-058-1(1), 1991 1.99
- 58-01-71 (Reconstruction) 1971; S-254(1) 1954, 55
- 1+32; 2.12 (112+52.87)

SCALE: 6 5/8" = 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

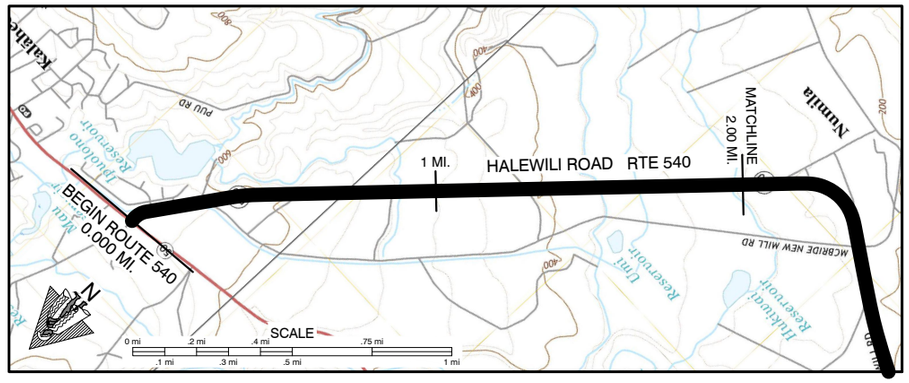
KAUAI RTE 540
HALEWILI ROAD

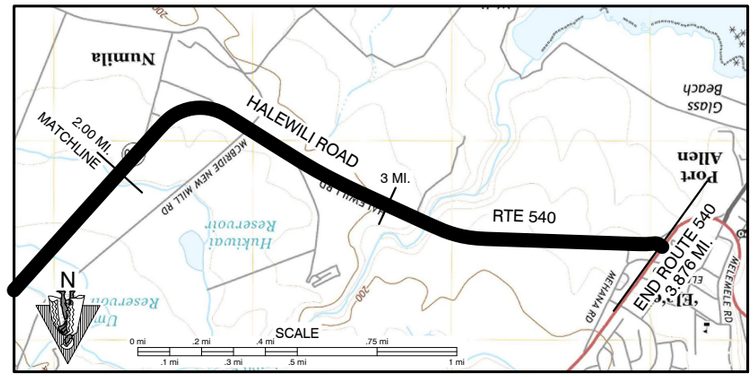
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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: 0.000 miles
c. Other Length: 0.000 miles





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 60' | 1.02 | 1.06 65' | 60' | 2.47 | 80' | 3.86 | 3.89 100' | 65'

Available Right of Way Width (Needs Study): Clear 1000' - Sugar Cane 20' from E.P. | 2.14 | Residential | 2.43 | Clear 1000' - Sugar Cane 20' from E.P.

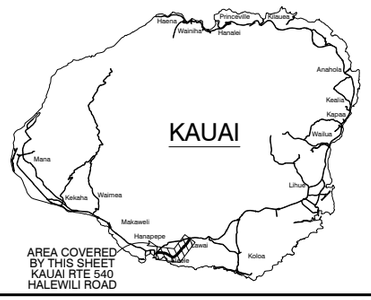
Right of Way Fence: Type - Right and Left: None

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

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

Project No., Type of Construction, and Year Constructed: (126+15) 0.00 | (200+68) 0.06 | (72+10) 1.26 | STP-0540(3), (R), 2007 | (12+00) 3.71

Project No., Type of Construction, and Year Constructed: (STP-050-1(9)-(Realignment), 1996) | 0.06 | 0.07 | (STP-0700-(35) SHLDR & GRD. RL. IMPROV. 1997) | STP-0540(2), 2006, GUARDRAILS AND SHOULDER IMPROVEMENTS | (540A-01-02M 2004 RESURFACE) | 3.71



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

0.000 mi. — Haku Hale St. End Divided (0.070 mi. / 0.042 mi.) — Culvert Kau Wai St. (0.165 mi. / 0.146 mi.) — 1 MPM — Coffee Haul Rd. (0.978 mi.) — Water Tank Culvert (1.290 mi.) — 2 MPM — McBryde New Mill Rd. (1.558 mi. / 1.538 mi.) — Rd. to Park (1.978 mi.) — Coffee Haul Rd. (R) Paved Rd. (L) (2.112 mi. / 2.369 mi.) — 3 MPM — Wahiawa Kai Stream Br. Quarry Dr. (2.490 mi. / 2.933 mi.) — Huehu Rd. Ilung St. Road (3.091 mi. / 3.069 mi.) — Ramp 3.861 mi. Begin Divided (3.168 mi. / 3.766 mi. / 3.709 mi. / 3.694 mi.) — 3.95 MPM — *3.876 mi. (3.870 mi. / 3.831 mi.)

HALEWILI ROAD

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

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 6' AC | 12' AC | 3.22 | 6' AC
- Pavement: Width and Type: (12' AC) | 24' AC | 2.87 | .069 | (12' AC)
- Shoulder: Width and Type: 0 | 6' AC | 2.86 | 12' AC | 6' AC | 12' AC | 6' AC | 0

Divided Highway — Median
- Median: Width and Type: (0'-15' Painted AC) | .851 | (AC Curb (0'-53') & Flush Grass (0'-40') w/ AC Fringe (No Shoulder))

Divided Highway — Undivided
- Shoulder: Width and Type: 0 | 0.06 (2) | 0
- Pavement: Width and Type: (12' AC) | (12' AC)
- Shoulder: Width and Type: (20' Grass) | (10' Grass)

Number of Traffic Lanes: 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .865 | (Same as Through Lane)

(Right Side): .667 | .709

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number — Metal Rails on Metal Posts: .160 | .217 | .469 | .589 | .868 | .912 | .141 | .177 | .836 | .026 | .520 | .573 | .491 | .546 | .077 | .111 | .197 | .361 | .160 | .309 | .201 | .257 | .079 | .269 | .073 | .235 | .541 | .718 | .542 | .677

Illumination: Type, Location and Number

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): (F) | 0.10 | D | 0.06 | A | 2.20 | C | 2.44 | A | 3.85 | (D)

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): C | 0.77 | D | 1.15 | C | 2.14 | B | 2.51 | A | 2.69 | B | 2.78 | C | 2.97 | B | 3.66 | C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (99999)

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

Speed: 1-Design, 2-Posted: (Not Posted) | 35 MPH (2) | .049 | 35 MPH (2) | .197 | 50 MPH (2) | .027 | .033 | 35 MPH (2) | .573 | .563 | 50 MPH (2) | .505 | 45 MPH (1) | .633 | 35 MPH (1) | .766 | (Not Posted)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B73 0540 00014

HPMS Sections - AADT 2023: 3,100

HPMS Sections - AADT 2022: 2,430

HPMS Sections - AADT 2021: 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
- 0.06 | 0.07 | STP-0700-(35) (Shoulder and Guardrail Improvements), 1997
- (STP-050-1(9) (Realignment), 1996) | 1.03 | 540A-01-02M 2004 RESURFACE
- HWY-K-01-91M (Resurface), 1991 | 3.11 | 3.18 | HWY-K-01-91M (Resurface), 1991
- 540A-01-72 (Resurface), 1972 | 3.09 | 3.25 | 540A-01-72 (Resurface), 1972
- FAS 5A(1), 1939 | 1.50 | S-5(2), 1950 | (RS-540(1), 1974) | 3.95 | (0+55.15) (Spur - Port Allen Leg)
- (127+84.80) | (1+55.07) | (79+44.07)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 2004, DB	
Revised	
Sept. 06	D.B.
Feb. 08	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	D.B.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.

ROAD INVENTORY

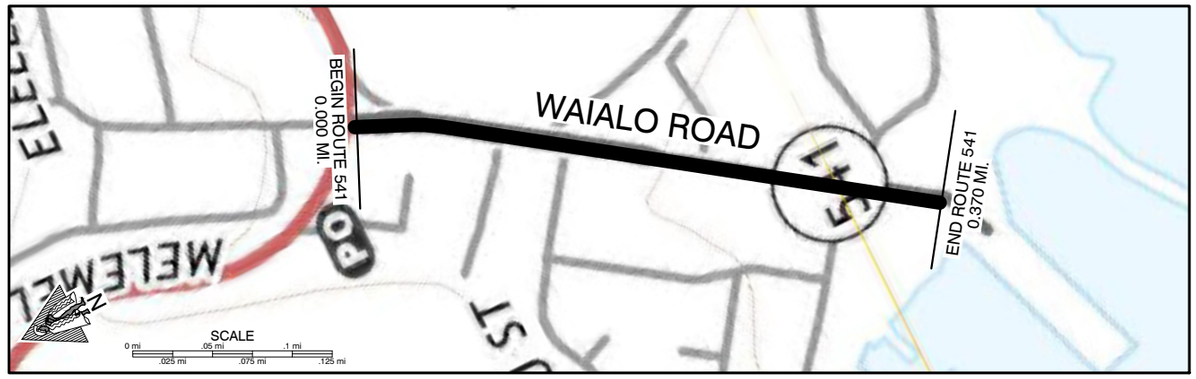
KAUAI RTE 541
WAIALO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.370 miles
a. Survey Length: 0.370 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 20" = 1 mile

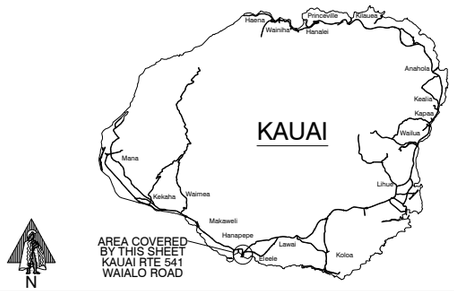
Maintenance Control Sections : Length and Description

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies	Varies; 0.04; (R/W is 40' from Centerline of Approaches); 100'; 0.09; 40'-100'
Available Right of Way Width (Needs Study)	Residential
Right of Way Fence: Type - Right and Left	None
Control of Access: 1-None, 2-Partial, 3-Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	16+00; 541A-01-04M, Resurf., 2008; 13+60
Project No., Type of Construction, and Year Constructed	541A-01-89M (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

Begin Route 541 at Waialo Rd. at the South Edge of Pavement of Kaumualii Hwy (Route 50)

0.000 mi.

East Approach 0.016 mi. / West Approach 0.011 mi.

Ent. to Eleele Shopping Center 0.041 mi. / 0.031 mi.

Ent. to Eleele Shopping Center 0.093 mi.

'Okupu St. Paved Road 0.137 mi. / 0.130 mi.

End Divided 0.165 mi.

Waialo Road

Akaula St. ECB 0.324 mi. / Port Allen Boat Harbor Road 0.318 mi. / 0.309 mi.

0.37 MPM

*0.370 mi.

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

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

SCALE: (In Miles) 20" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type — 5'-12' AC; 0.17; 6'-8' AC
- Pavement: Width and Type — 16' AC; 0.05; 20' AC; (30' AC); 25'-26' AC
- Shoulder: Width and Type — 0; 10' Dirt; 0.20; 6' AC; 0.06; 10' AC

Divided
- Median: Width and Type — 4'-15' Raised Grass; 0.41; 4' Raised Grass; 0.25; 0'-5' Paint; 0.165
- Shoulder: Width and Type — 0
- Pavement: Width and Type — 15'-18' AC; 0.05; 22' AC; 0.02; 10' AC
- Shoulder: Width and Type — 10' Dirt; 0.04; 4' AC; 0.06; 10' Dirt

Number of Traffic Lanes	1-16'; .053; 2-10'; 1-12'; 1-(15'-18'); .055; 2-11'; .132; 1-10'; .170; 1-13'/14'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	11'; .055
(Right Side)	11'; .028; .119; .137; .170
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	None
Illumination: Type, Location and Number	None
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	C; 0.20; B; 0.07; A
Superelevation (Range)	
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	C; 0.26; B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	Rolling (2)
Speed: 1-Design, 2-Posted	Not Posted; .052; 35 MPH (2); .216; Not Posted
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B73 0541 00014
HPMS Sections - AADT 2023	3,658
HPMS Sections - AADT 2022	3,600
HPMS Sections - AADT 2021	3,000
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	
	FAP 12 J, 1939

SCALE: (In Miles) 20" = 1 mile

Date Released
Sept. 2004, D.B.

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

ROAD INVENTORY

KAUAI RTE 550

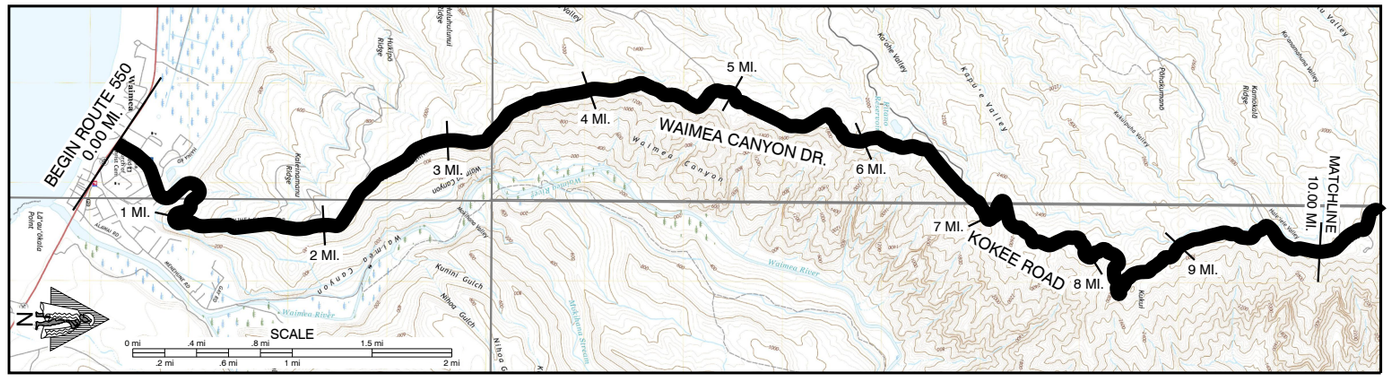
WAIMEA CANYON DRIVE & KOKEE RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 14.072 miles
a. Survey Length: 14.072 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles


BEGIN ROUTE 550
0.00 MI.
1 MI.
2 MI.
3 MI.
4 MI.
5 MI.
6 MI.
7 MI.
8 MI.
9 MI.
MATCHLINE
10.00 MI.
WAIMEA CANYON DR.
KOKEE ROAD
Waimea Canyon
Waimea River
Kunini Gulch
Nihoa Gulch
Kawaikoi Stream
Halehaha Stream
Kalalau Valley
Kaluapuhi Valley
Pohakumano Valley
Kawaiki Valley
Kawaiki Ridge
Kawaikoi Ridge
Kawaikoi Canyon
Kawaikoi Valley
Kawaikoi Stream
Kawaikoi Gulch
Kawaikoi Falls
Kawaikoi Pond
Kawaikoi Trail
Kawaikoi Trail Junction
Kawaikoi Trail Junction
Kawaikoi Trail Junction

ROAD INVENTORY

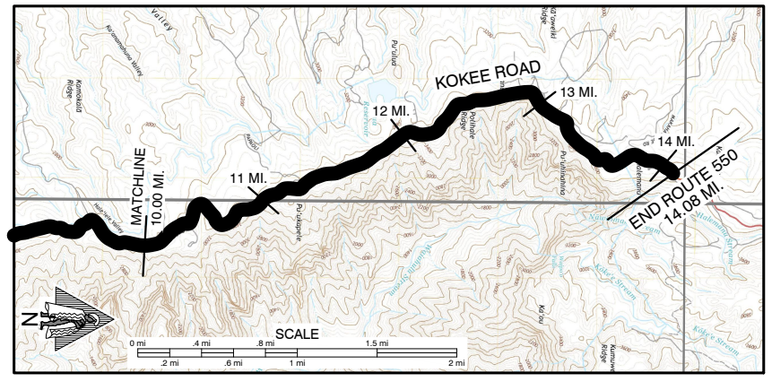
KAUAI RTE 550
KOKEE ROAD

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: 0.000 miles
c. Other Length: 0.000 miles



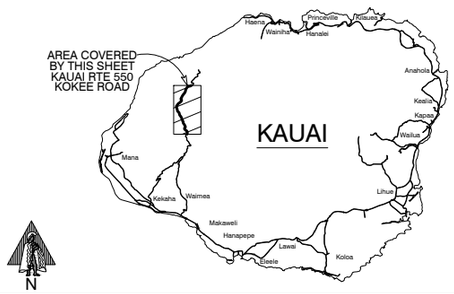
SCALE: (In Miles) 2" = 1 mile

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80'
Available Right of Way Width (Needs Study): TREES - MOUNTAINS
Right of Way Fence: Type - Right and Left: NONE
Control of Access: 1-None, 2-Partial, 3-Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (560+56 to 683+55)
Project No., Type of Construction, and Year Constructed: STP-0700(58), GUARDRAILS & SHOULDER IMPV., 2008
Project No., Type of Construction, and Year Constructed: 550B-01-91M (RESURF.) 1991



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 1

10.00 mi.

SPUR WAIMEA CANYON LOOKOUT (10.330 mi. / 10.315 mi.)
DIRT ROAD DIRT ROAD (11 MPM)
CULVERT
KOKEE ROAD
RD. TO CAMP HALE KOA (12 MPM)
RD. TO KOKEE METHODIST CAMP (ECB (L))
ELEVATION 3500' PUU HINAHINA LOOKOUT (13 MPM)
MAKAHA ROAD (14 MPM)
ROAD TO PACIFIC MISSILE RANGE FACILITY - HAWAIIAN AREA

11.083 mi. 11.073 mi. 10.964 mi. 11.314 mi. 11.963 mi. 12.961 mi. 12.832 mi. 13.102 mi. 13.632 mi. 13.621 mi. 13.867 mi. 13.957 mi. 14.062 mi.

*14.072 Mi.

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

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

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: VARIES 2'-6' GRASS
- Pavement: Width and Type: 16'-22' AC
- Shoulder: Width and Type: 0'-2' DIRT (10.38) 4'-6' GRASS (10.67) VARIES 2'-6' GRASS

Divided Highway
- 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) (.990 (NOT POSTED))
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): B73 0550 00672
HPMS Sections - AADT 2023: 776
HPMS Sections - AADT 2022: 699
HPMS Sections - AADT 2021: 550
DOD Sections
Census Tracts
Functional Classification: MAJOR COLLECTOR (5)
National Highway System (NHS): Not on NHS (0)
Previous Projects: Project No., Date and Limits
550A-01-73 (R) 1973
12.10 COUNTY
550B-01-74 (R) 1974

SCALE: (In Miles) 2" = 1 mile

Date Released	
Sept 04,	D.B.

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

ROAD INVENTORY

KAUAI RTE 560
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 10.003 miles
a. Survey Length: 10.003 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

Steel Pratt Truss 1912 H-10 113' | R.C. Flat Slab 1912/2019 REHAB, H-15 90' | R.C. Flat Slab 1912/2019 REPL., H-15 142' | R.C. Flat Slab 1913/2019 REPL., H-10 70' | Cont. Concrete 1968 HS 20 538' | Steel Truss Deck 1969, H10 42' | Steel Truss Deck 1973, H15 78' | Steel Truss Deck 1975, H15 146'

Vertical Clearance: 1.20 | 3.39 | 3.91 | 4.21 | 5.87 | 6.39 | 6.69 | 6.89

Horizontal Clearance: 17' | 11'-11" | 14' | 14' | 28' | 10' | 10' | 14'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 40' | 5.78 | 80'-125' | 5.99 | 40'

Available Right of Way Width (Needs Study): Grass and Small Trees | 2.32 | Residential | 3.22 | Trees and Brush | 6.35 | Residential with Trees and Bushes

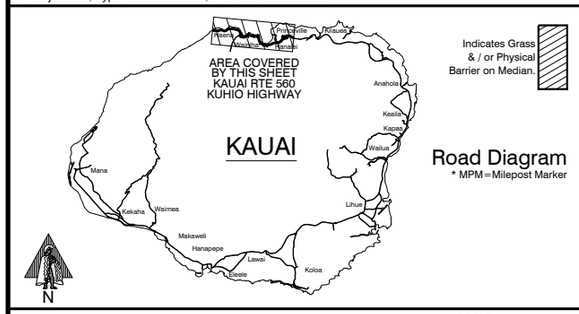
Right of Way Fence: Type - Right and Left (Footage indicates how far away from the edge of pavement the fence is.): 1.89 | 2.18 Wire 10' | 3.00 | 3.17 Wire 6' Chain Link 6' | 3.60 | 3.81 Wire 15'-25' | 5.73 | 5.87 Wire 50' | Wire 6' 6.56 | 6.59 | Chain Link 6' 7.41 | 7.44 | Wood 10' 7.67 | 7.95 | (Wire 6') 8.14 | 8.24 | 8.29 | 8.32 | 8.50 | 8.53 | Wire 10' 8.09 | 8.14 | Wire 10' | Wire 8'

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State (305+71)

Project No., Type of Construction, and Year Constructed: (ER-24(003), SLOPE STABILIZATION,2021) 1.11 | 1.55 | 469+92 | HRR-0560(12), SAFTEY IMPROVEMENTS, 2014 | 4.22

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

BEGIN RTE 560 ON KUHIO HIGHWAY AT ROUTE MARKERS 56 & 560 (SAME AS END ROUTE 56). 0.000 mi.

KUHIO HIGHWAY

Road | Hanalei Lookout Rd. to Princeville Cnt. | Hanalei Plantation Rd. | End Divided Begin Divided | Chili Road Hanalei River Br. | Culvert Bridge | Hanalei Museum Rd. Culvert | End Divided Road Begin Hanalei Cnt. Begin Divided | Maloio Rd. | Driveway Divided Road to School Begin Divided | Kuhio Road Waioli Bridge Anae Road | Speed Table Waioli Bridge Speed Table | Speed Table Waikoko Bridge Speed Table | Lumahai Bridge | Anahulu Road Waimha Bridge #1 | Waimha Powerhouse Road Waimha Br. #3 Alal Ele Road Waimha Br. #2 | Alamihi Road | Alamihi Rd. Mikaela Place Uku Lii Pl. (L) Culvert #1 | Aleelea Rd. | Haena Pl. | Culvert #2 | Wet Cave Ford Crossing | Parking Area Limahuli Stream Crossing | Wet Cave

MPM: 0.197 | 0.387 | 0.638 | 1.222 | 1.471 | 1.559 | 1.5 | 2.5 | 3 | 3.5 | 4 | 5 | ECB (R) | 6 | 6.5 | 7 | OneOne Road (R) | 8 | 9 | 10

Speed Table 3.140 mi. | Speed Table 3.414 mi. | Speed Table 3.368 mi. | Park Boundary

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

Divided Highway — Undivided

Shoulder: Width and Type: 2' AC/ 6' Grs. | 0.38 | 1'-2' AC | 4'-6' AC | 2.85 | 2' AC | 3.39 | 4' Grs. | 4.88 | 0 | 5.19 | 6' Grs. | 5.42 | 0 | 5.63 | 6' Grs. | 5.98 | (4' PCC) | 0 | 6.41 | 2' Grass | 6.95 | 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 | 9.00 | 19'-20' AC | 19'-20' AC | (9'-10' AC) | 19'-20' AC | 3.00 | 18'-21' AC | 5.63 | 18'-22' AC | 5.99 | 18'-22' AC | 7.00 | 18'-20' AC | 8.00 | 18'-23' AC

Shoulder: Width and Type: 2' AC/ 6' Grass | 0.49 | 1' AC | (0) | 1' AC | 1.26 | 1'AC/ 6' Grass | 1.67 | 2'AC/6' Grass | 2.41 | 2' AC | 0 | 2' AC | 2.83 | 2' AC/ 8' Grs. | 0 | 2' AC/ 10' Grs. | 3.37 | 0 | 3.57 | 8' Grs. | 4.57 | 0'-1' AC | 5.98 | (18'-22' PCC) | 6.28 | 4' PCC | 0 | 6.34 | 2'-4' Grs. | 6.93 | 0 | 7.00 | 6'-8' Grass | 8.83 | 0'-2' AC

Divided Highway — Median

Median Barriers: (0'-5' Paint) | .607 | .638 | (0'-10' Painted AC) | .806 | .796 | .869 | (0'-7' Painted AC) | .170

Divided Highway — Undivided

Shoulder: Width and Type: (0)

Pavement: Width and Type: (10'-12' AC) | 0 | 10' AC | 0 | (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-(9'-11') | .300 | 1-(9'-11') | .700 | 1-(9'-11') | .700 | 1-9' | .500 | 1-(8'-11') | 1-(10'-12')

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' .651 | 5.773 10' | 10' | 5.772 10' | 10' .626 | 5.749 10' | .723 | 1.114 | 5.138 | 9'

(Right Side): 12' Bus | .033 | 11' .197 | 11' .387 | .003 .161 | .327

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): (Conc. Gutter) | .606 | 9' | .745 | .111 | 18 | .174 | .632 | 9' | .768 | .606 | .783 | (Conc. Curb) | .632 | (2' Conc. Curb & Gutter) | .768 | .145 | .178 Conc. Gutter | .187 | .221 | .372 | .420 Conc. Gutter

Protective Devices: Type, Location and Number (All Metal on Metal unless otherwise noted.): .034 | .086 | .391 | .409 | .462 | .708 | .756 | .104 | .129 | .272 | .384 | (Conc. Barrier) | .620 | .103 | .125 | .814 | .954 | .086 | (Conc. Barrier) | .147 | .301 | .535 | .858 | .858 | .058 | .982 | .094 | .200 | (Conc. Barrier) | .387 | .408 | .654 | .730 | .409 | .648 | .730 | .970 | .034 | .379 | .389 | .379 | .388 | .612 | .680 | .811 | .831

Illumination: Type, Location and Number: 14 M.V. | 5 M.V.

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area Development: Rural (99999)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: 0.06 | Mountainous (3) | Flat (1) | 0.58 | Mountainous (3) | 1.16 | Flat (1) | 3.26 | Mountainous (3) | 4.31 | Flat (1) | 5.66 | Mountainous (3) | 6.15 | Flat (1) | 7.16 | Mountainous (3) | 8.76 | Rolling (2) | 8.95 | Not Posted

Speed: 1-Design, 2-Posted: (Not Posted) | 25 MPH (2) | .057 | 35 MPH (2) | 35 MPH (2) | .023 | 25 MPH (2) | 3.36 | 35 MPH (2) | .304 | 25 MPH (2) | 3.52 | 25 MPH (2) | 35 MPH (2) | 1.44 | 25 MPH (2) | (5 MPH (2)) | 7.49 | (No Sign.+ Run Till 7.232 mi.) | 7.92 | 25 MPH (2) | .722

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B73 0560 00006 | B73 0560 00039 | B73 0560 00290 | B73 0560 00421 | B73 0560 00763

HPMS Stations - AADT 2023: 8,200 | 0.39 | 8,500 | 2.65 | 4,300 | 3.39 | 3,500 | 6.78 | 1,961

HPMS Stations - AADT 2022: 8,262 | 7,582 | 5,346 | 2,916 | 1,847

HPMS Stations - AADT 2021: 8,500 | 7,800 | 5,500 | 3,000 | 1,900

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 | (56D-02-70 1970) | (79+50) | (68+00) | (56D-02-70 1970) | (S-0560(1) 1965) | 5.58 | 5.64 | 5.66 | 8.70 | 8.77

SCALE: (In Miles) 2" = 1 mile

Date Released	
Dec 2003,	D.B.

Revised	
Jan. 06	D.B.
Sept. 06	D.B.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	C.R.
Aug. 16	D.B.
Feb. 18	D.B.
Feb. 19	D.B.
Feb. 22	D.B.

ROAD INVENTORY

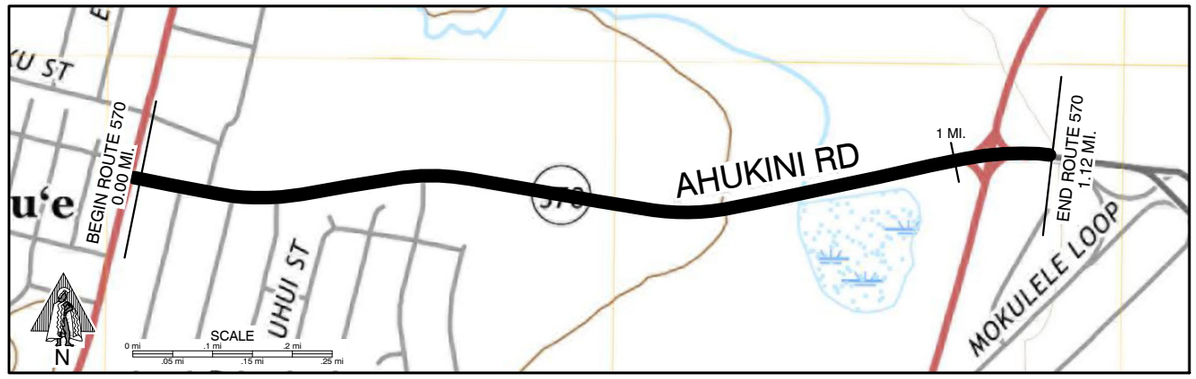
KAUAI RTE 570
AHUKINI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 1.122 miles
a. Survey Length: 1.122 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 10" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

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

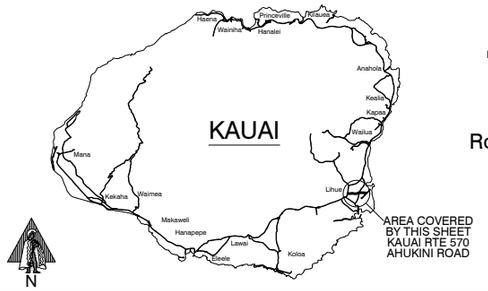
Right of Way Fence: Type - Right and Left: NONE

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 0+55.12 STATE 47+17.42

Project No., Type of Construction, and Year Constructed: 0.000 570A-01-11MR, RESURFACE, 2016 0.924

Project No., Type of Construction, and Year Constructed: 0.172 HWY-K-02-98 IMPRV., 2000 | 0.229 570A-01-92M (R), 1993 | 0.897 570A-01-15, 2017



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

0.000 mi.

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

AHUKINI ROAD

0 MPM | 0.5 MPM | MPM | MPM

0.000 MI. | 0.020 MI. | 0.061 MI. | 0.095 MI. | 0.126 MI. | 0.129 MI. | 0.178 MI. | 0.295 MI. | 0.313 MI. | 0.362 MI. | 0.505 MI. | 0.526 MI. | 0.573 MI. | 0.925 MI. | 1.001 MI. | 1.065 MI. | *1.122 MI.

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

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

SCALE: (In Miles) 10" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 6' GRAVEL | 8' AC
- Pavement: Width and Type: 11' AC | 22' AC | 11' AC | 22' AC | 12' AC
- Shoulder: Width and Type: 0 | 0 | 0 | 6' GRAVEL | 0
- Median Barriers: (0'-3' PAINTED AC) | 0.020 | 0.129 | 0'-12' PAINTED AC | 0.295 | 0.925 | 0'-12' PAINTED AC
- Shoulder: Width and Type: 0 | 0 | 0
- Pavement: Width and Type: 11' AC | 11' AC | 12' AC
- Shoulder: Width and Type: 0 | 0 | 0.171 | 6' GRAVEL | 8' AC

Number of Traffic Lanes: 2-11' | 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .064 .095 17' .032 16' 13' .123 .975 12' 15'

(Right Side): 12' .010 (SAME AS THROUGH LANE) .178 11' .244 .962 12' .055 12' .118

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

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

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

Protective Devices: Type, Location and Number: NONE

Illumination: Type, Location and Number: MV

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

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): A | 0.51 | B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

Speed: 1-Design, 2-Posted: (Not Posted) .039 35 MPH (2) | 0.92 NOT POSTED 35 MPH (2) | (25 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing: 3 PHASE | 1.000

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

HPMS Sections - AADT 2023: 14,800 | 0.36 | 15,000 | 1.06 | 10,700

HPMS Sections - AADT 2022: 14,300 | 15,400 | 14,700

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

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits
- 570A-01-92M (R), 1993 | 0.91 | F-051-1(7), 1988
- S-0570 (1), 1964

SCALE: (In Miles) 10" = 1 mile

Date Released	
Oct. 04,	D.B.

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

ROAD INVENTORY
KAUAI RTE 580
KUAMOO ROAD

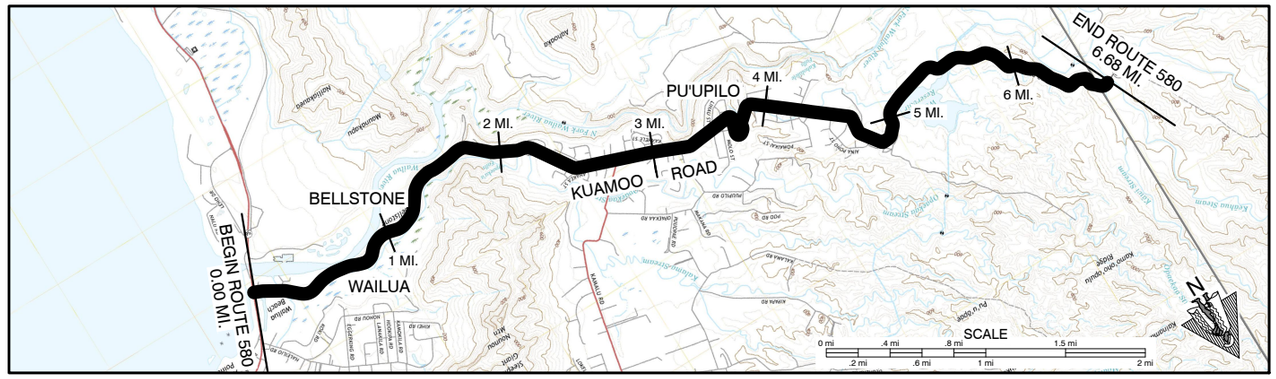
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	6.68	MILES (a+b)
a. Existing Length:	6.68	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	6.68	MILES (a+b, less c)
a. Existing Length:	6.68	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	NONE	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study): 40' 0.28 0.38 40' 0.61 28' 1.11 23' 1.29 80' 2.13 40'-60' 6.68

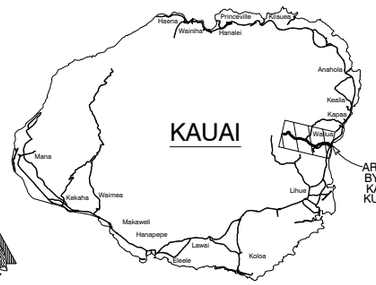
Right of Way Fence: Type - Right and Left: 2.26 W/W 20'FEP 2.70 W/W 2.87 3.14 WIRE ON WOOD 15'FEP 4.83 W/W 5.02 5.10

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

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

Project No. and Type of Construction: HRRP-0580(4), SAFETY IMPRV., 2011 — (STP-0700(58), GUARDRAILS, 2008) — 580A-01-07M, RESURFACE, 2008 — 580A-01-06M, (R) 2007 — 580A-01-01, (R) 2002 — 580A-01-99M, (R) 2000

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

AREA COVERED BY THIS SHEET KAUAI RTE 580 KUAMOO ROAD

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

0.000 mi. — WAILUA ROAD — WAILUA RIVER STATE PARK — WAILUA RIVER STATE PARK EXIT — CULVERT (SKEW) 0.187 MI. — CULVERT 0.068 MI. — OPAEKAA BRIDGE — 1 MPM — KUAMOO ROAD — POUHALI HEIAU STATE PARK ROADS — KAHAWAI PL. VILLAGE — KAMALU HAWAIIAN-OPAEKAA LOOKOUT — ECB — 2 MPM — MELIA STREET — 580A-01-06M, (R) 2007 — OHELO ROAD — LUIA PLACE — MAUA STREET — KAMALU RD (RTE 581) — ROYAL DR. — KAN. ALI' PLACE — 3 MPM 2.999 MI. — OPAEKAA ROAD — NALOMELI PLACE — KOILI LANE — KOUALI ROAD — PONIKALA ROAD — PAAKO STREET — HIE STREET — LIHAU STREET — WAIOLIA STREET — HAWAIIANA STREET — 4 MPM 3.991 MI. — KAHOLALEIE ROAD — AINA PONO RD. — U.H. AGR. STATION (R) — AINA PONO RD. — 5 MPM — PAVED ROAD — CULVERT — KULAU RIDGE TRAIL — FOREST RESERVE SIGN — END OF DEOLOG — 6.600 mi. — 6.397 mi.

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

END RTE 580 ON KUAMOO ROAD AT THE BEG OF FORD CROSSING. *6.68 mi.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 4' AC — 6' AC 1.32 — 4' AC 3.49 — 4' - 6' AC 4.72 — 4.93 6' - 12' GRS 5.84 — 2' - 4' GRS
- Pavement: Width and Type: 0.28 21'-22' AC 0.00 — 20' AC 9.00 — 18' AC 9.00 (12'-24' GRS) 15'-16' AC
- Shoulder: Width and Type: (2'-4' AC) 0.10 4' AC 0.29 (BEGIN C/L & SHLDRS RUMBLE STRIPS) — 6' AC 1.32 (END C/L & SHLDRS RUMBLE STRIPS) 1.73 — 4' AC 3.49 — 4' - 6' AC 4.83 — 6' - 12' GRS 5.84 — 2' - 4' GRS

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

Number of Traffic Lanes: 1-10'/11' 1-10' — 0.00 — 2 - 10' — 9.00 — 2 - 9' — 9.00 — 1-7'/8' 1-8'

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)

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

Illumination: Type, Location and Number

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

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

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

Speed: 1-Design, 2-Posted: 35 MPH ② — 35 MPH ② — 25 MPH ② (NOT POSTED)

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

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

HPMS Sections - AADT 2023: 9,400 — 8,400 — 3,300 — 1,600

HPMS Sections - AADT 2022: 9,817 — 8,200 — 3,305 — 1,555

HPMS Sections - AADT 2021: 10,100 — 8,300 — 3,400 — 1,600

DOD Sections

Census Tracts

Functional Classification: MINOR ARTERIAL (4) — MAJOR COLLECTOR (5) — MINOR COLLECTOR (6)

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

Previous Projects: Project No., Date and Limits

- 0.28 HRRP-0580(4), SAFETY IMPRV., 2011 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

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

ROAD INVENTORY

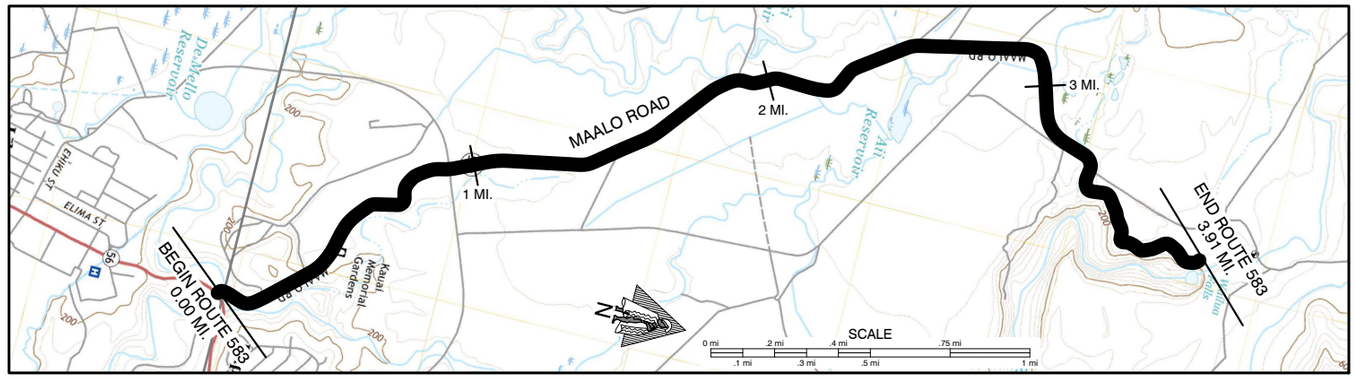
KAUAI RTE 583
MAALO ROAD

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 18' N.W. OF KUHIO HIGHWAY (RTE 56). | 583A (3.92 MI.) | END 583A - SAME AS ROUTE END 3.91

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

Structure Over Road: Vertical Clearance; Horizontal Clearance

Right of Way Width (min.-max.) if varies	60'
Available Right of Way Width (Needs Study)	CLR 1000' SUGAR CANE 20' FROM EDGE OF PAVEMENT
Right of Way Fence: Type - Right and Left	NONE
Control of Access: 1-None, 2-Partial, 3-Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	0+50 – 100: 583A-01-18M Resurfacing 2022; 100 – 2.00; 157+00 – 2.98; 209+10 – 3.91
Project No., Type of Construction, and Year Constructed	0.01 – 2.98: STP-0583(002), GUARDRAILS AND SHOULDERS, 2015; 2.98 – 3.91: 583A-01-01M, RESURFACE, 2005

Road Diagram
* MPM=Milepost Marker

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

MAALO ROAD

BRIDGE (1927) 0.034 mi. | RD TO CEMETERY ROAD 0.165 mi. | TELEM STA 5803004 KAUAI MEMORIAL GARDENS ROAD 0.470 mi. | CULVERT 0.68 mi. | CULVERT 0.822 mi. | QUARRY ROAD (L) CANE HAUL RD. (R) 0.921 mi. | ECB (L) 1.39 mi. | CULVERT 1.82 mi. | DIRT ROAD 1.91 mi. | CANE HAUL ROAD 2.25 mi. | CANE HAUL ROAD 2.45 mi. | CANE HAUL ROAD CULVERT 2.57 mi. | PAVED ROAD 2.81 mi. | CULVERT 2.89 mi. | HWY OVERPASS CULVERT 3.31 mi. | CULVERT 3.45 mi. | DIRT ROAD 3.57 mi. | CULVERT 3.84 mi.

MPM 0 | MPM 1 | MPM 3

*3.91 MI.

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	GRASS: 2' (0.10) 6' (0.46) 2'-4' (1.90) 6' (2.26) 0' (2.36) 4' (3.03) 8' (3.13) 4'-6' (3.82) 4' (3.79) 2'
Pavement: Width and Type	20' AC (1.98) 18' AC (2.67) 17'-20' AC
Shoulder: Width and Type	GRASS: 2'-4' (0.10) 6'-8' (0.98) 4'-6' (2.26) 3' (2.34) 6' (2.84) 2'-4' (3.16) 8' (3.43) 6'

Divided Highway — Median Barriers:

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

Number of Traffic Lanes	2-10' (1.98) 2-9' (2.97) 2-(8.5'-10')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	(PARKING APRONS (R)) 3.63 – 3.68; 3.90 – 3.91
Frontage Road: No. of Lanes, and Width (Right and Left)	None
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	ALL METAL ON METAL UNLESS OTHERWISE NOTED: .167 .237; .542 .672 .692 .814 .858 .832; 1.06 1.10; 1.27 1.30; 1.81 1.83; 2.04 2.22; 2.58 2.60 2.63; 2.95 2.98; 3.29 3.30 3.31 3.32 3.37 3.44 3.46 3.53 3.60 3.78 3.80 3.83 3.84 3.85 3.86 3.89 (STEEL RAILING ON CONCRETE WALL)
Illumination: Type, Location and Number	
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	E 0.05 D 0.15 A 0.32 B 0.45 (A) 0.47 B 0.57 AE 0.63 A 0.69 F 0.72 E 0.78 C 0.90 B 0.96 A 1.03 B 1.11 A 1.33 C 1.38 A 1.55 B 1.62 A 1.80 CA 1.86 D 2.05 AB 2.14 D 2.24 AD 2.27 A 2.31 A 2.47 C 2.54 A 2.84 D 2.97 A 3.08 C 3.21 A 3.26 E 3.49 CE 3.53 DE 3.60 FE 3.67 FC 3.74 E
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 0.12 D 0.69 B 1.12 A 1.25 B 2.20 A 2.26 B 2.53 A 2.61 B 2.92 C 3.20 B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	SMALL URBAN (99998) 0.92; RURAL (99999)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	ROLLING (2)
Speed: 1-Design, 2-Posted	25 MPH (2); 3.36 NOT POSTED 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	P73 0583 00047
HPMS Sections - AADT 2023	1,100
HPMS Sections - AADT 2022	1,200
HPMS Sections - AADT 2021	850
DOD Sections	
Census Tracts	
Functional Classification	MINOR COLLECTOR (6) 0.92; LOCAL (7)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	

0+50 – 51+00: (583A-01-71, 1971) 0.03; ARR-0583(1) RESURF., 2010 0.98
51+00 – 107+30: 583-01-95M (RESURFACE) 1996 1.98
107+30 – 159+50: 1.99; 583A-01-07M, RESURF., 2009 2.97; 583A-01-71, 1971
0.01; 583-01-95M (RESURFACE) 1996 1.98; 2.97; 583A-01-01M, RESURFACE, 2005
PHASE II 583A-01-71, 1971 0.50; HWY-K-01-70 (PHASE II), 1970 2.30; 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

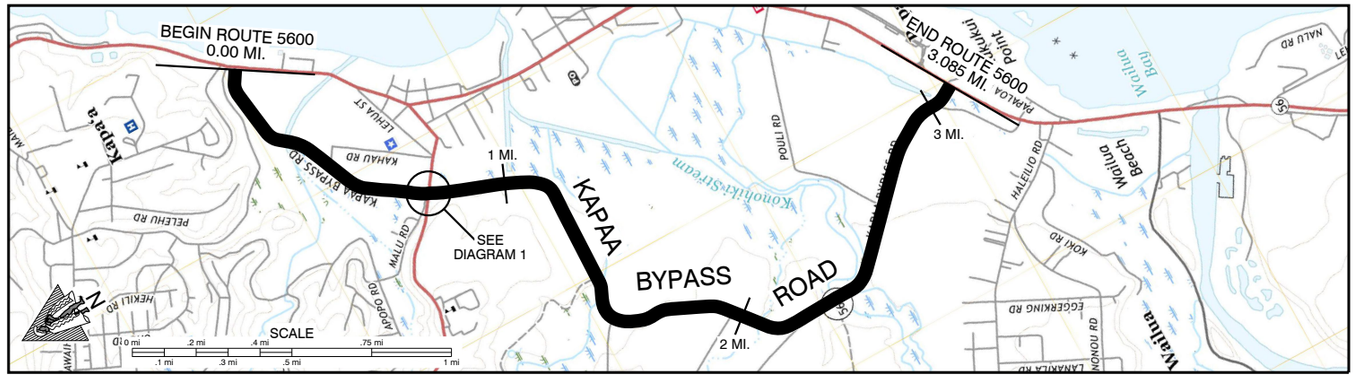
TEMPORARY KAPAA BY-PASS RD.

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Vertical Clearance: 94' (.271)

Horizontal Clearance: 16'- 4"

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (0.77); 60' (0.81); 100' (0.91); 60' (1.01); 120' (1.18); 100' (1.36); 60' (1.73); 100' (1.89); 60'

Available Right of Way Width (Needs Study)

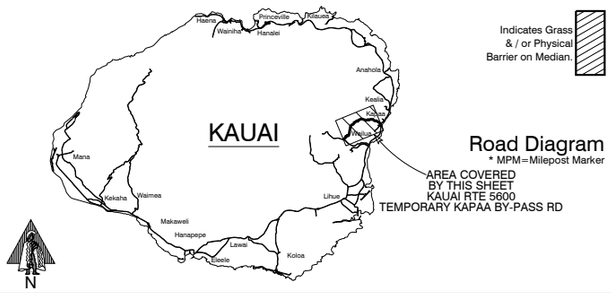
Right of Way Fence: Type - Right and Left: 6' CHAINLINK FENCE 25-30' FROM E.P. (0.08–0.75); WIRE 35'-40' FROM E.P. (0.12)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (.749); COUNTY (1.305); STATE

Project No., Type of Construction, and Year Constructed: 56A-03-00, NEW CONSTRUCTION, 2007 (0.93); (5600-01-10M, BRIDGE REPAIR, 2012) (1.44–1.49)

Project No., Type of Construction, and Year Constructed: (0.76); 56A-02-95



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

AREA COVERED BY THIS SHEET
KAUAI RTE 5600
TEMPORARY KAPAA BY-PASS RD

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

0.000 mi.

MOIKEHA CANAL BRIDGE (0.271 mi.); 0.5 MPM (0.496 mi.); OLOHENA RD BEGIN DIVIDED (0.749 mi.); SIPHON (AG. DITCH) END DIVIDED (0.749–0.800 mi.); 1.0 MPM (0.990 mi.); KAINAHOLA STREAM BRIDGE (1.364–1.500 mi.); 1.5 MPM; SIPHON (AG. DITCH) (1.923 mi.); 2.0 MPM (2.000 mi.); SIPHON (AG. DITCH) (2.080 mi.); CULVERT (2.375 mi.); 2.5 MPM (2.510 mi.); 3.0 MPM; GATE (OPEN 5:30 AM -7:00 PM) (3.000 mi.)

KAPAA BY-PASS ROAD

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

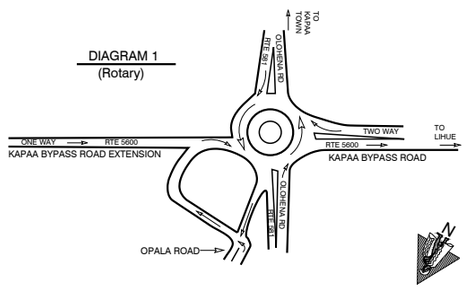
SEE DIAGRAM 1 (Rotary)

*3.085 mi.

END KAPAA BY-PASS ROAD AT N.E.P. OF SW INTERSECTION KUHIO HWY (RTE 56).

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '17 VIDEOLOG & '17 FEATURES DATABASE.

DIAGRAM 1
(Rotary)



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

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

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

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

Shoulder: Width and Type: (0)

Pavement: Width and Type: (15' AC)

Shoulder: Width and Type: (0)

Number of Traffic Lanes: 1-11'; A (.786) (2-15'); 2-11'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

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

Illumination: Type, Location and Number

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

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

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT (1); ROLLING (2)

Speed: 1-Design, 2-Posted: 25 MPH (2); (25 MPH (2)); 35 MPH (2); 25 MPH (2); 35 MPH (2); (NOT POSTED); (25 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

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

HPMS Sections - AADT 2020: 2,300 (102); 5,900; 5,900; 6,700

HPMS Sections - AADT 2019: 2,323 (2,323); 5,900; 5,900; 6,700

DOD Sections

Census Tracts

Functional Classification: LOCAL ROAD (7)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

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