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 2004

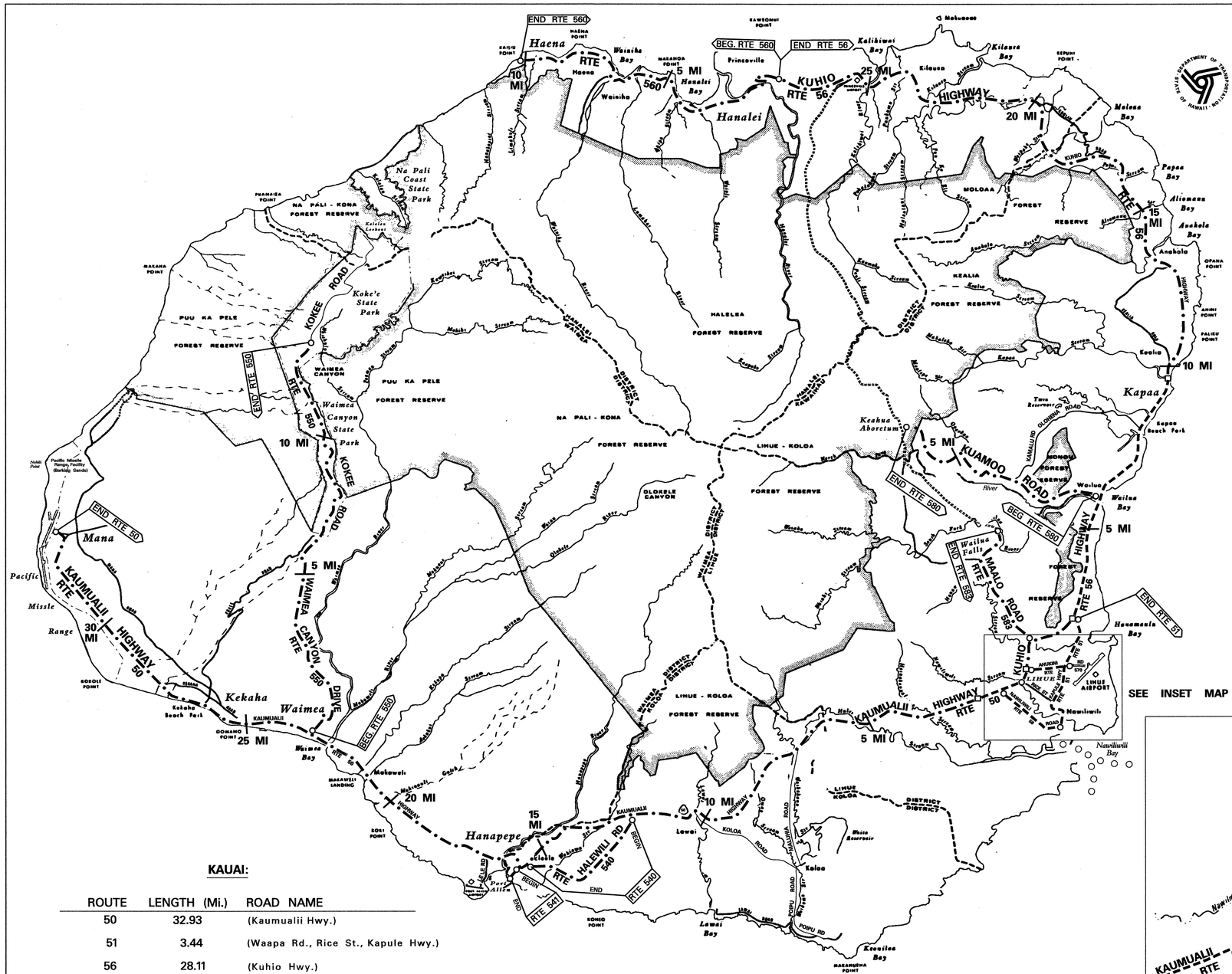
SCALE

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS

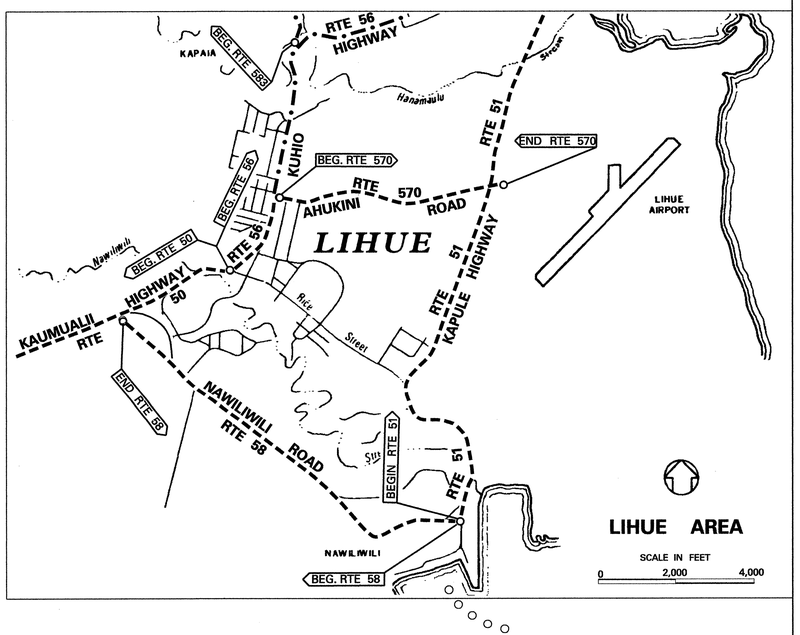
LEGEND

- STATE (NHS)
- STATE (Non–NHS)
- WATER (NHS)
- o Route termini point
- □ NHS to non–NHS transition point



KAUAI:

ROUTE	LENGTH (Mi.)	ROAD NAME
50	32.93	(Kaumualii Hwy.)
51	3.44	(Waapa Rd., Rice St., Kapule Hwy.)
56	28.11	(Kuhio Hwy.)
58	2.06	(Nawiliwili Rd.)
540	3.87	(Halewili Rd.)
541	0.37	(Waialo Rd.)
550	14.10	(Waimea Canyon Drive, Kokee Rd.)
560	10.01	(Kuhio Hwy.)
570	1.12	(Ahukini Rd.)
580	6.68	(Kuamoo Rd.)
583	3.92	(Maalo Rd.)
TOTAL =	**106.61**	



Date Released	
Dec. 2002	J.K.
Revised	
Apr. 04	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

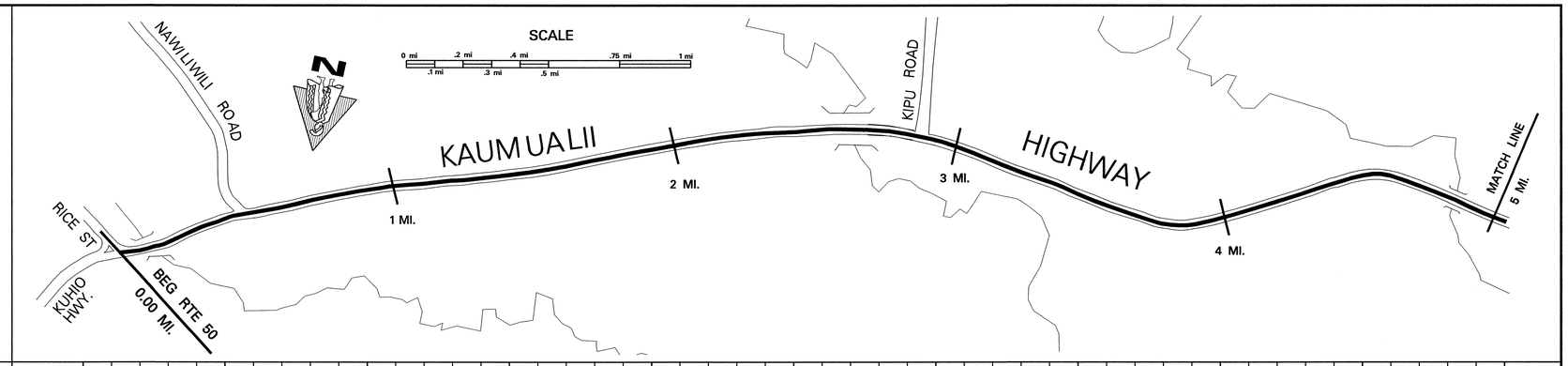
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
ADT Sections; ADT; Traffic Count and Truck Weight Stations
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Vertical Clearance
Horizontal Clearance
Structures Over Road: Vertical Clearance
Horizontal Clearance
Right of Way Width (min.–max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left
Control of Access: 1–None, 2–Partial, 3–Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
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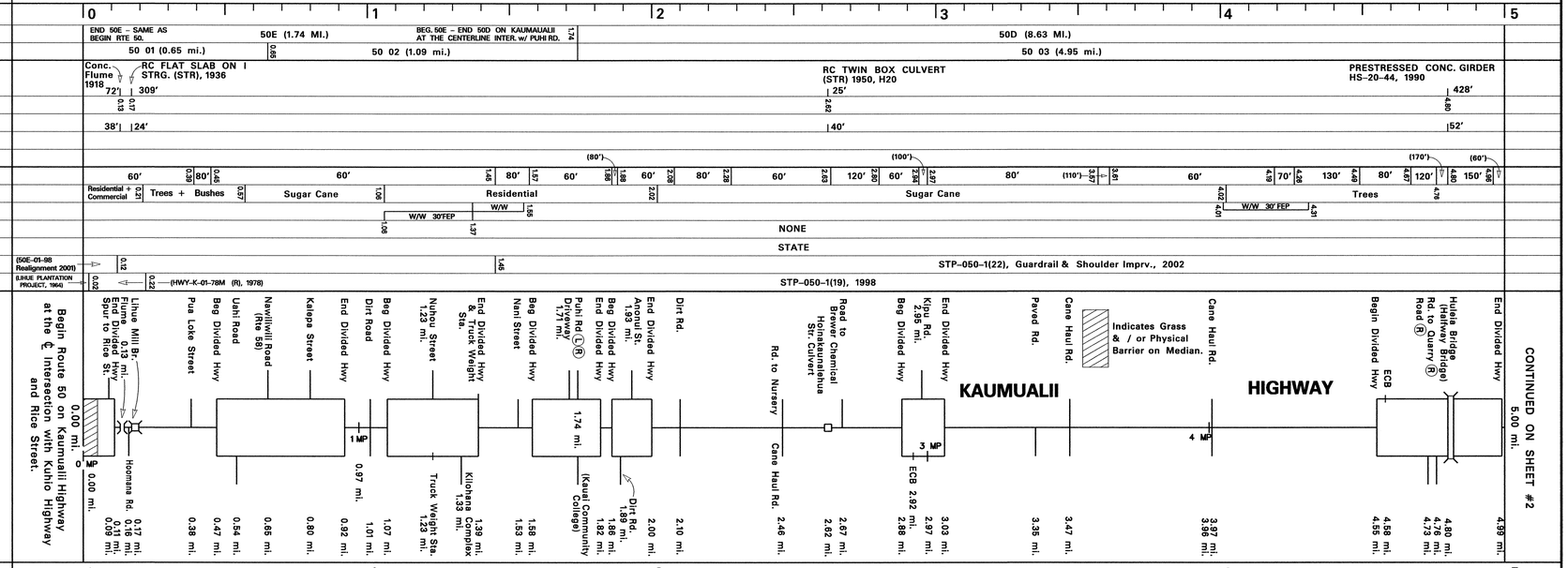
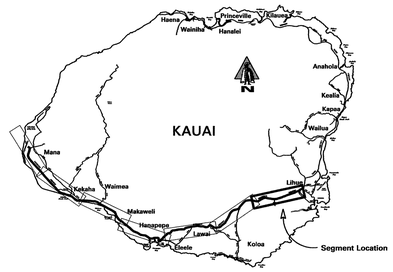




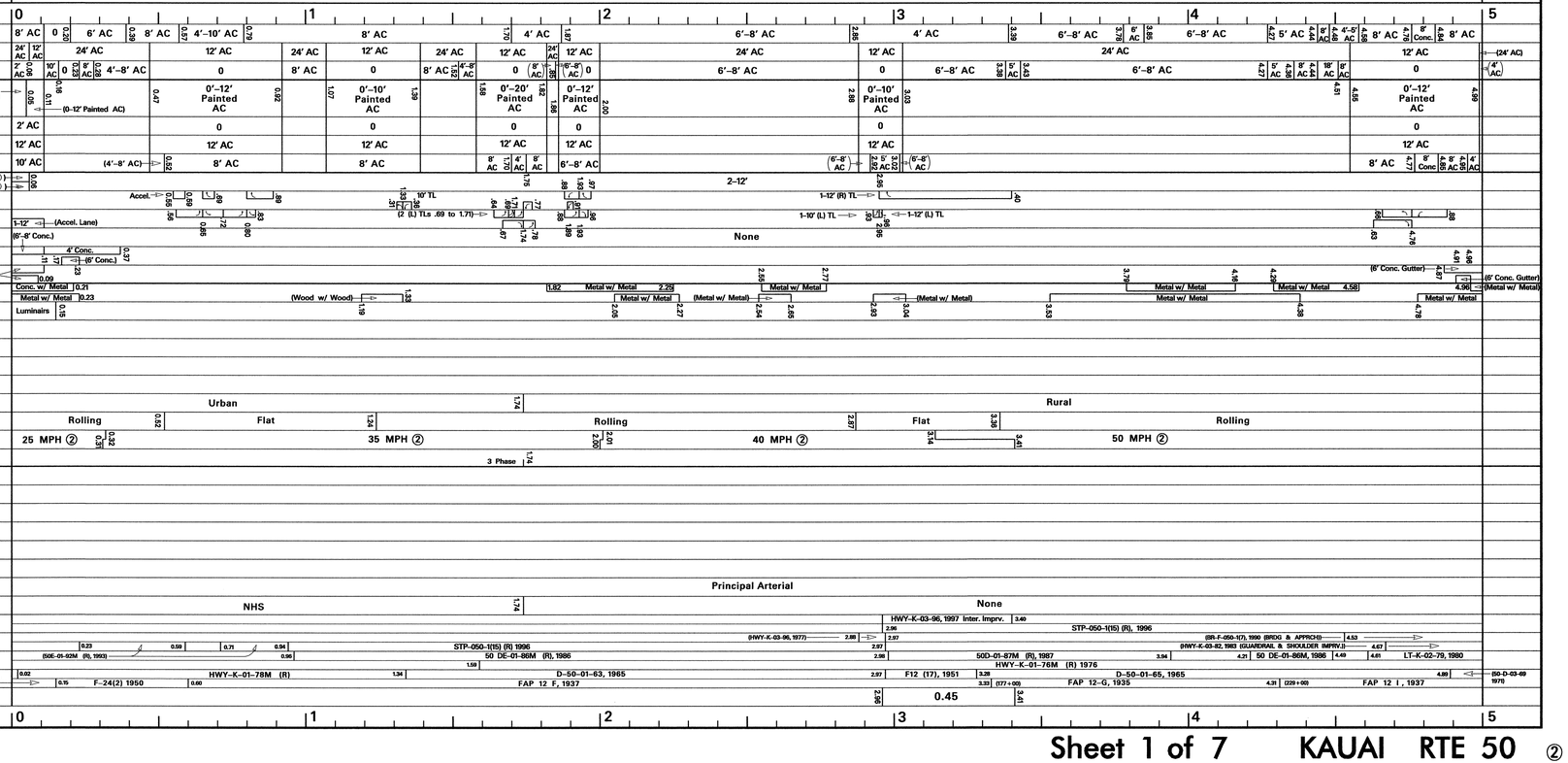
Road Diagram
* Milepost Signage

SCALE: (In Miles) 4" = 1 mile

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

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

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
Terrain: 1–Flat, 2–Rolling, 3–Mountainous
Speed: 1–Design, 2–Posted
Intersection Control Devices: Type, Location and Cycle Timing
Sight Distance: Minimum Passing PSD–
Minimum Stopping SSD–
Pavement Striping: No Passing Zones
Capacity: Service Volume–E
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits
HPMS



SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

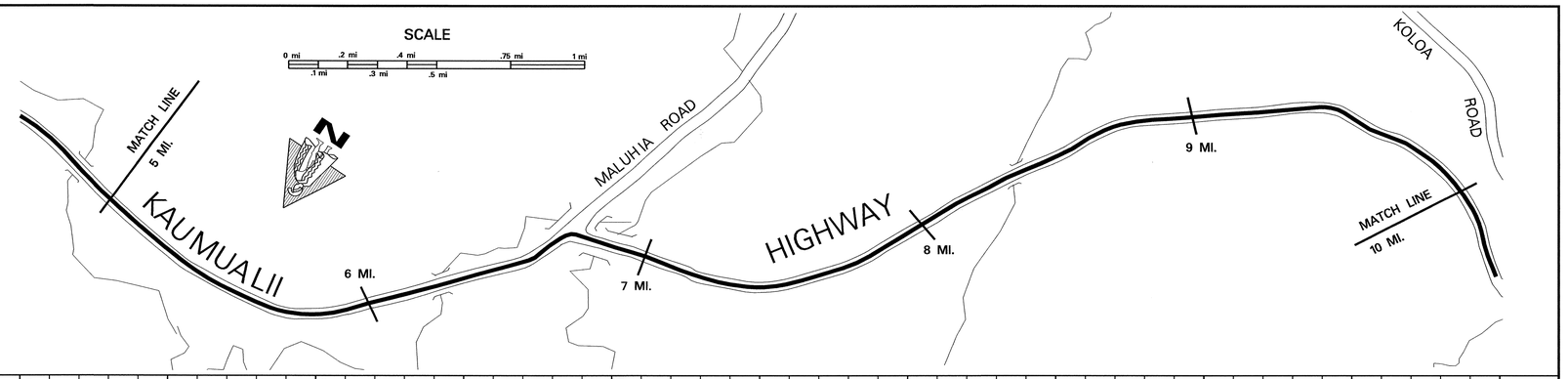
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 32.93 MILES (a+b)
- a. Existing Length: 32.93 MILES
- b. Proposed Length: 0.00 MILES

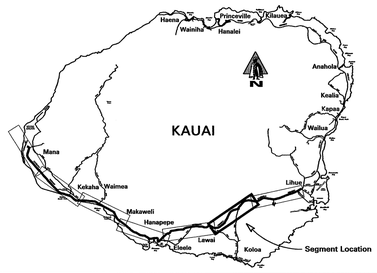
Total Travel Way Length: 32.93 MILES (a+b, less c)
- a. Existing Length: 32.93 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

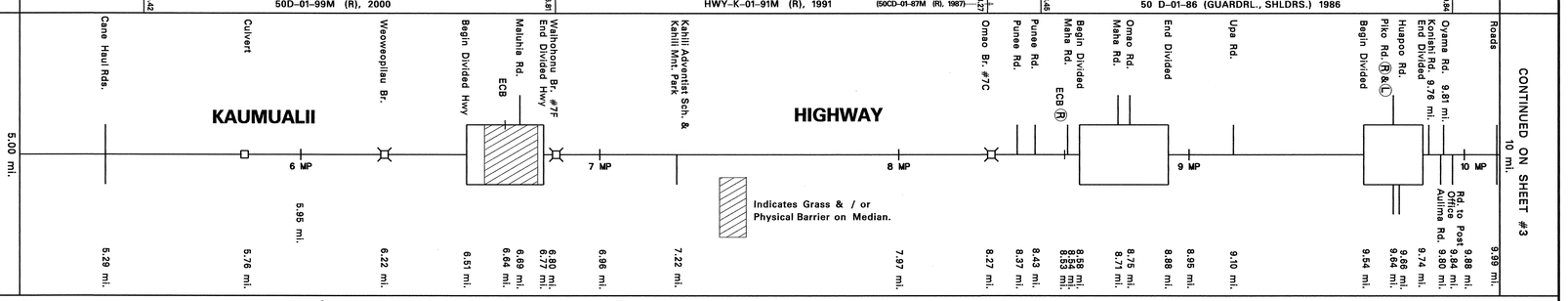
Maintenance Control Sections : Length and Description	50D (8.63 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	50 03 (4.95 mi.) 8.69 50 04 (3.70 mi.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC FLAT SLAB, H-15 (STR) 1937 39′; RC FLAT SLAB, H-15 (STR) 1934 22′; CONT. CONC. TEE, H-15 (STR) 1934 140′
Structure Carrying Road – Vertical Clearance	8.22; 8.60; 8.27
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′ 6.36 65′ 6.86 60′ (100′) 7.54 7.66 60′ (100′) 7.83 7.87 60′ (200′) 8.16 8.22 80′ 8.52 60′ (80′) 8.85 8.87 100′ 9.00 60′ 9.14 90′ 9.42 100′ (130′) 9.57 9.63 70′ (60′) 9.77 9.83 80′ (100′) 9.93 9.95 (120′)
Available Right of Way Width (Needs Study)	Trees 5.33; Sugar Cane; 7.86; Bushes & Trees
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	STP-050-1(22), 2002 Guardrail & Shldr. Imprv.; 7.00; 7.17; 50D-01-00M, Resurf., 2002; 8.54
Project No., Type of Construction, and Year Constructed	5.42 50D-01-99M (R), 2000; 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



Segment Location

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided – Shoulder: Width and Type	8′ AC; 4′ AC; 6′ AC; 3′ AC; 4′ AC
Pavement: Width and Type	(24′ AC) 36′ AC; 24′ AC; 12′ AC; 24′ AC; 36′ AC; 24′ AC; (12′ AC) 24′ AC; 12′ AC; 24′ AC
Shoulder: Width and Type	(4′ AC) 8′ AC; 4′ AC; 0; 4′ AC; (6′ AC) 0; 8′ AC; 4′ AC; 0; 4′ AC
Median: Width and Type	(0′–8′ Painted AC); 4′–12′ Flush Grass; (4′–0′ Painted AC); 0′–12′ Painted AC; 0′–11′ Painted AC
Shoulder: Width and Type	0; 0; 0
Pavement: Width and Type	12′ AC; 12′ AC; 12′ AC
Shoulder: Width and Type	4′ AC; (6′ AC) 8′ AC; 4′ AC
Number of Traffic Lanes	(2–12′) 1–12′ 2–12′ 5.26 1–24′; 2–12′; 2–12′ 1–12′; 2–12′ 1–12′; 2–12′
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12′ Accel Lane; 12′ Truck Climb Lane (L); 12′ Truck Climb Lane (L)
(Right Side)	12′ Turn Lane; 1–10′ (L) T.L.; 1–12′ (L) T.L.
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)	6′ Conc. Gutter; 6′ Conc. Gutter; 4′ AC Gutter
Protective Devices: Type, Location and Number	(Metal w/ Metal); Metal w/ Metal; Metal w/ Metal; Metal w/ Metal; Metal w/ Metal; Metal w/ Metal; Metal w/ Metal; Metal w/ Metal
Illumination: Type, Location and Number	M.V.; M.V.
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling; Mountainous
Speed: 1–Design, 2–Posted	50 MPH ②; 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	Principal Arterial; Minor Arterial
National Highway System (NHS)	None
Previous Projects: Project No., Date and Limits	(BR-F-050-1(7) (BRIDGE & APPROACH), 1990); STP-050-1(19), 1998; (50D-01-98, Accel. Ln., 2000); HWY-K-03-82 (GUARDRAILS & SHOULDER IMPROVEMENTS), 1983; (LT-K-02-79, 1980); 50 D-02-88M (R), 1988; (50 CD-01-75M, 1975); STP-050-1(11), R, 1993; HWY-K-01-76M (R), 1976; 50 CD-01-75M, 1975; 50D-02-76, R, 1976; 50-D-03-69, 1971; D-50-01-64, 1964; K-01-72, 1972; WHP-12H, 1935–1937; (FAP 12 I, (1937)); NRH-12B, 1933; 50D-01-67, 1968; 50 CD-01-70, 1974; NRH-126, 1933; 50D-01-90M, 1990; 50CD-01-75M, 1975; (50D-01-67, 1968)
HPMS	0.49

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
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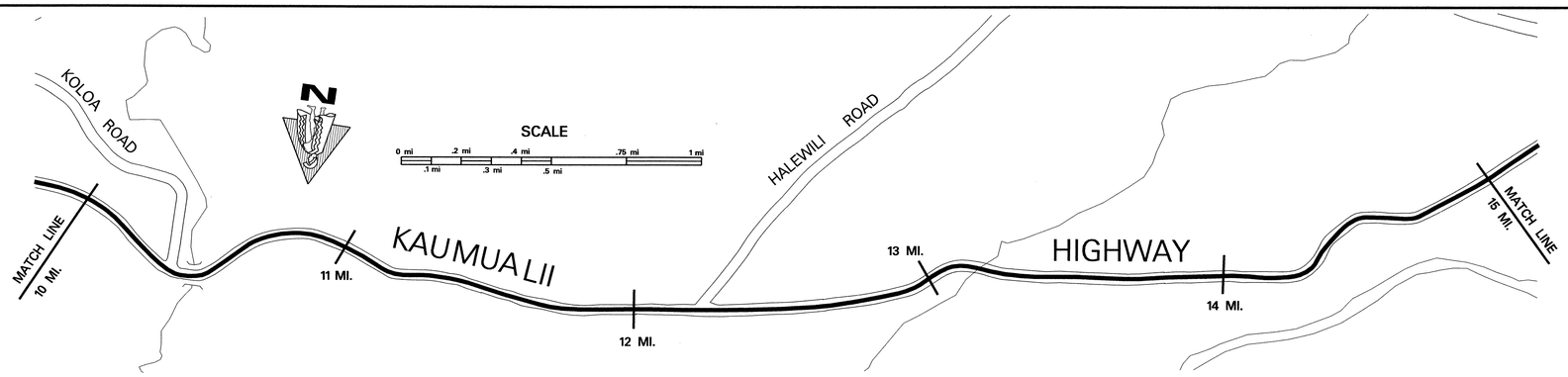

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Horizontal Clearance
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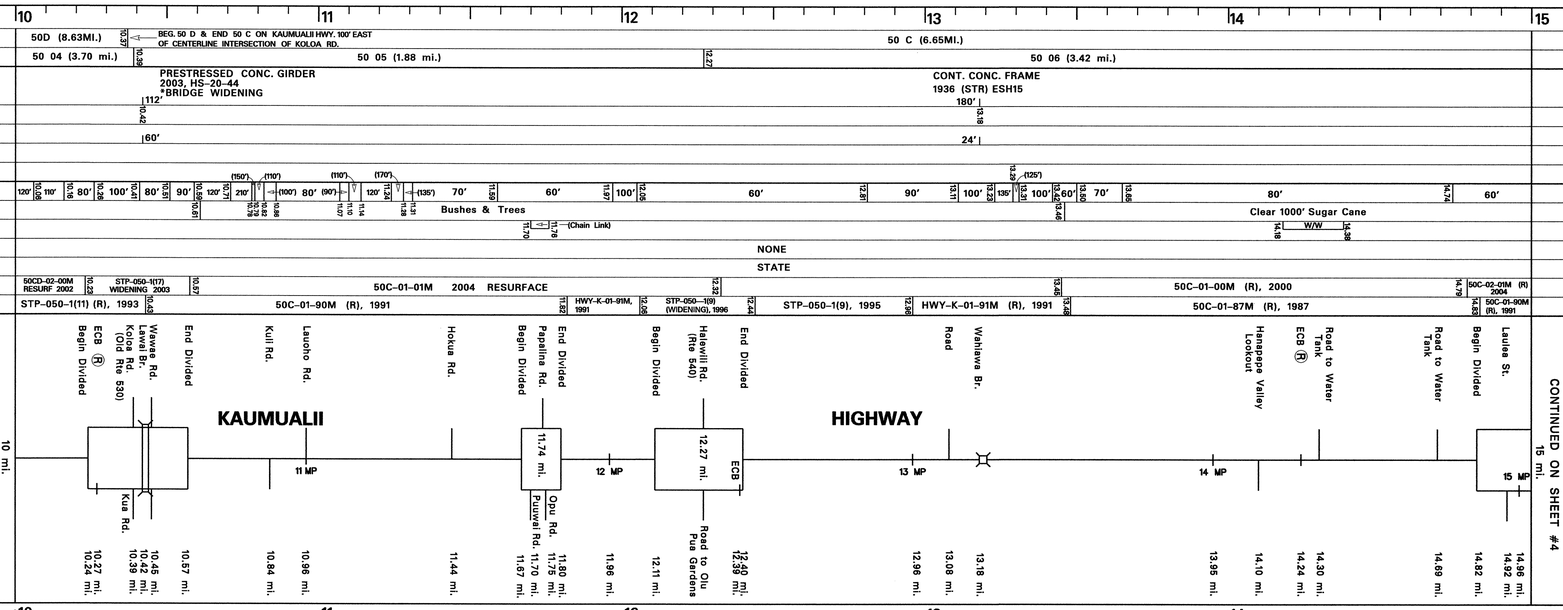

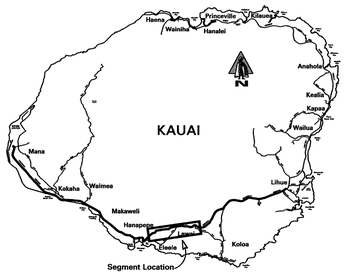

Road Diagram

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SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided:
Shoulder: Width and Type
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Divided Highway:
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Grades: % Grade, Positive or Negative
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Area and Development:
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Speed: 1–Design, 2–Posted
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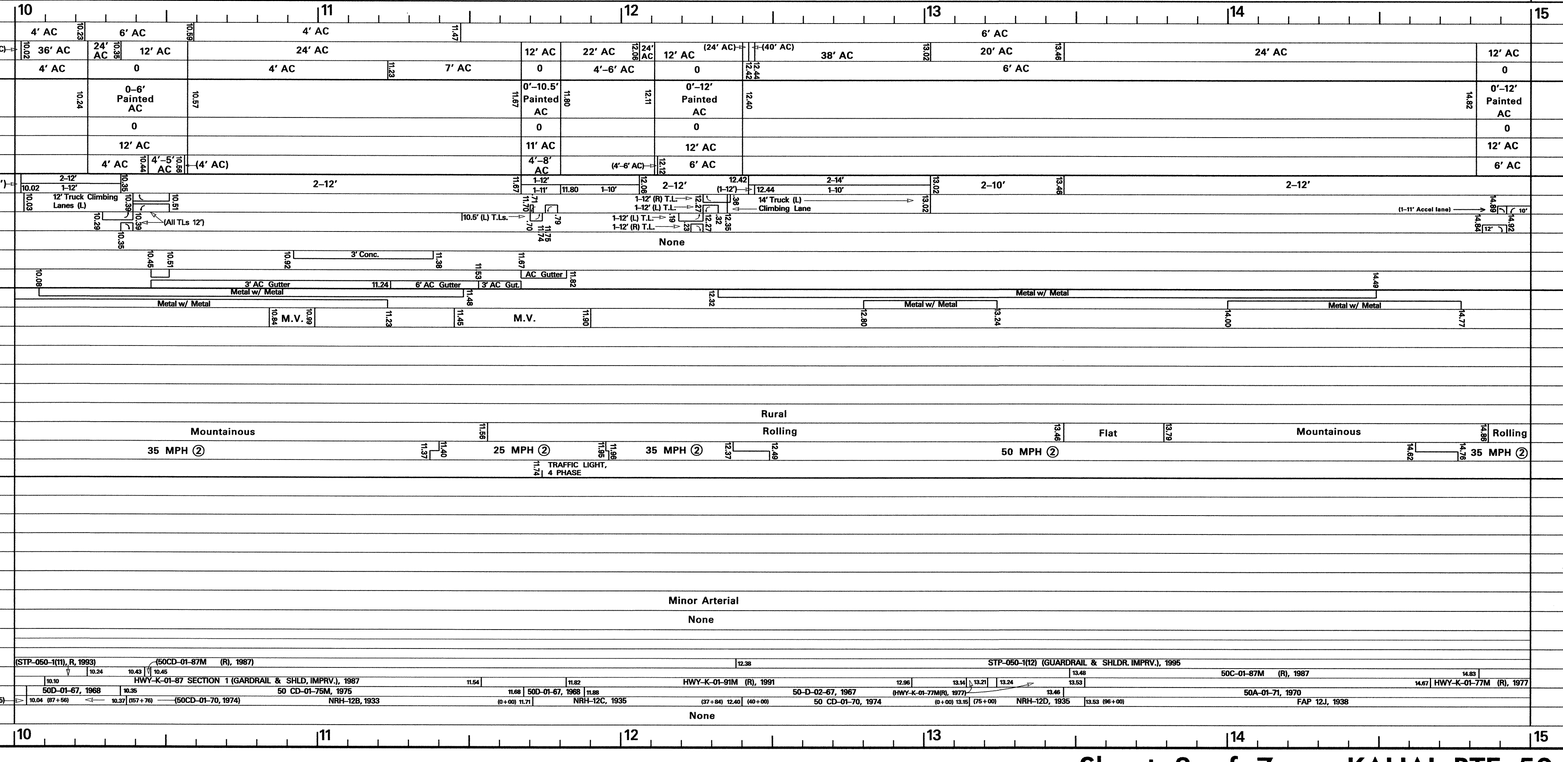

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Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.

ROAD INVENTORY

KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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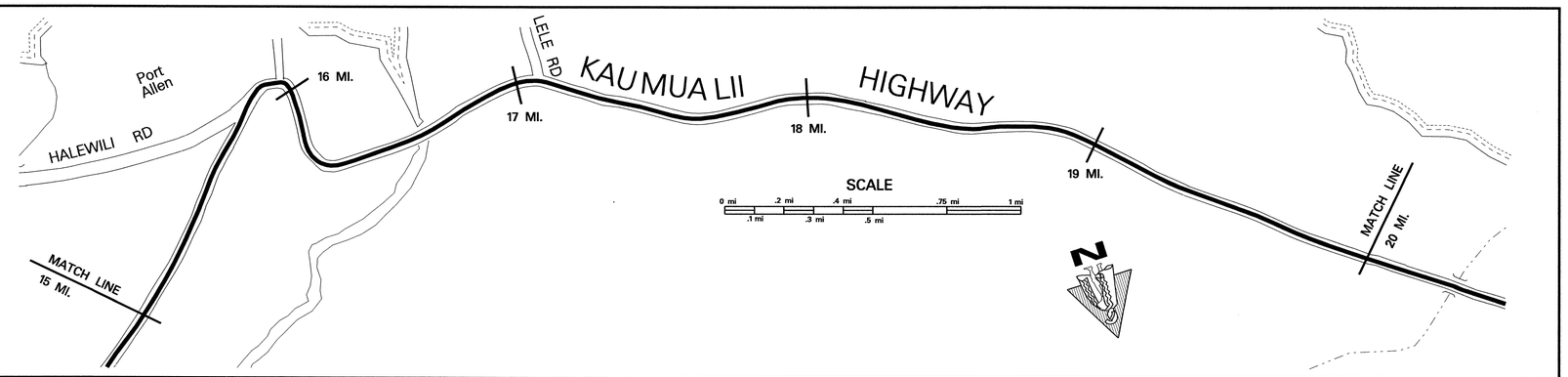

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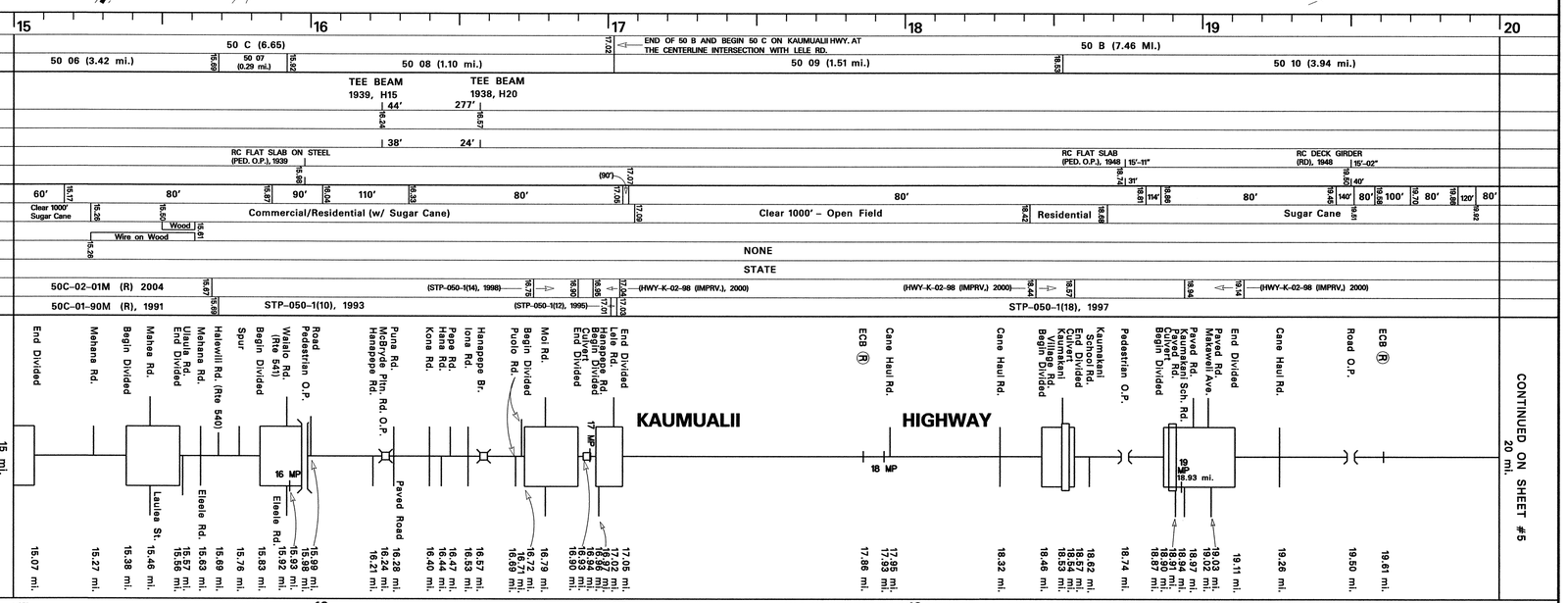

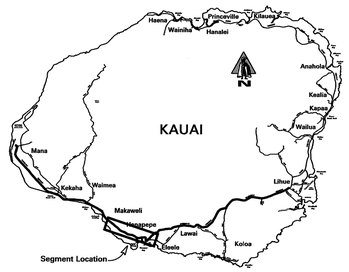

Road Diagram

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SCALE: (In Miles) 4" = 1 mile

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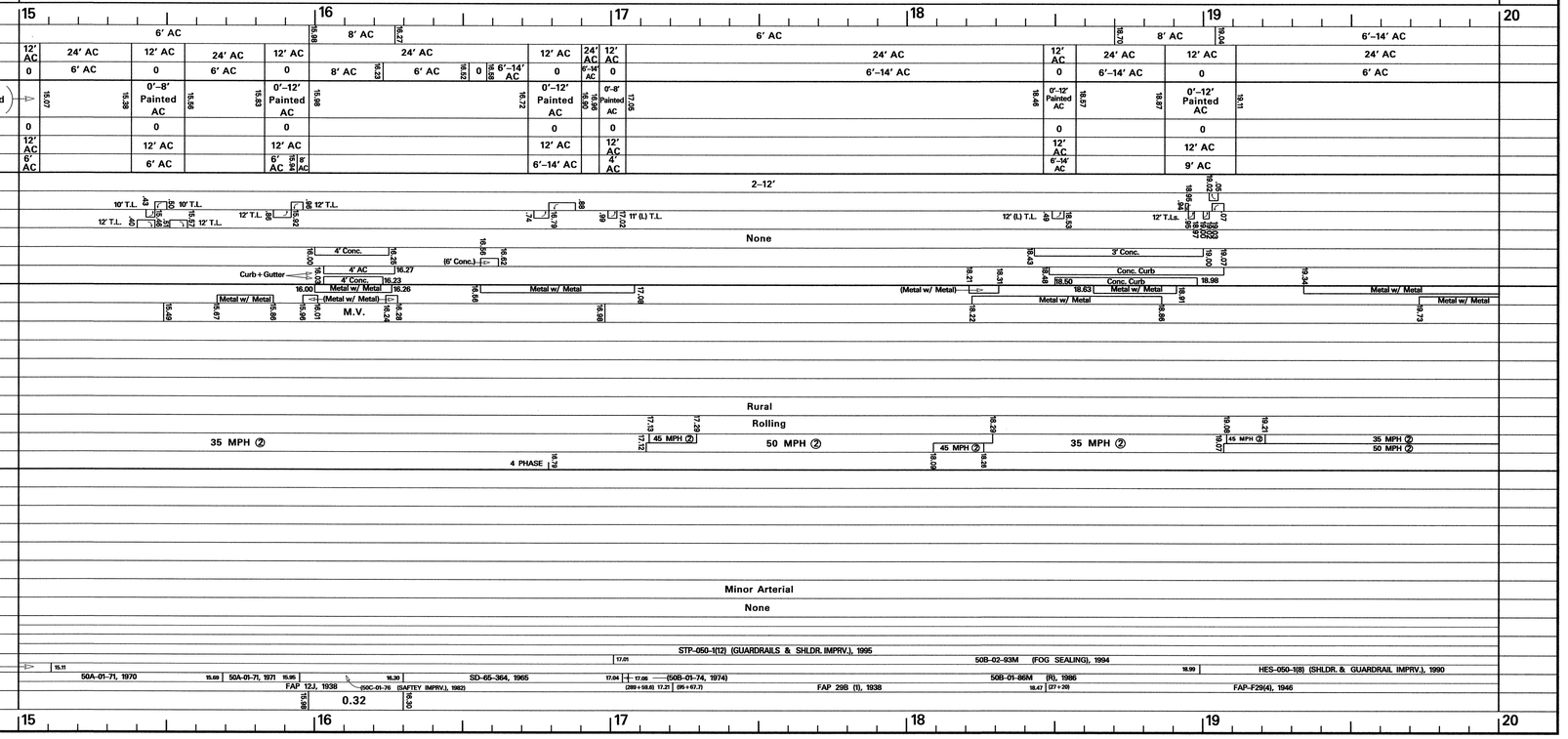

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
July 04	D.B.

ROAD INVENTORY

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KAUMUALII HIGHWAY

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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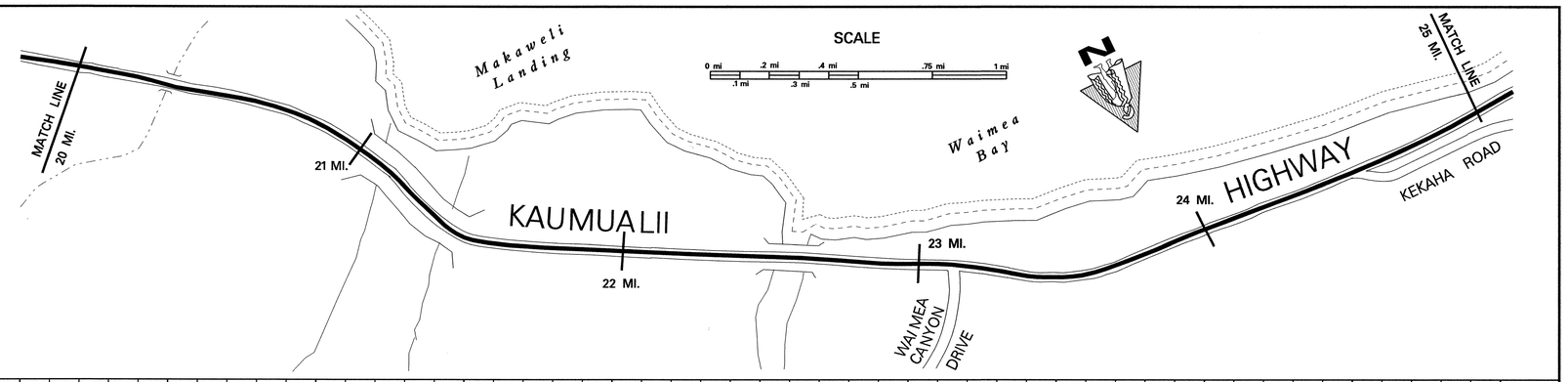


SCALE: (In Miles) 4" = 1 mile

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. (24.46)
- 50 A (8.45 MI.)

ADT Sections; ADT; Traffic Count and Truck Weight Stations
- 50 10 (3.94 mi.)
- 22.47
- 50 11 (0.61 mi.)
- 23.08
- 50 12 (1.40 mi.)
- 50 13 (2.20 mi.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- TEE BEAM 1948, H20 115' (20.33)
- TEE BEAM 1948, H20 50' (21.02)
- TEE BEAM 1948, H20 75' (21.35)
- TEE BEAM 1940, H20 365' (22.47)

Vertical Clearance
- 26'
- 26'
- 26'
- 24'

Horizontal Clearance

Structure Over Road — Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- 80' 20.33 120' 20.54 80' 20.64 120' 20.76 100' 20.95 80' 20.99 90' 21.35 80'

Available Right of Way Width (Needs Study)
- Sugar Cane 20.76 – 21.08
- Trees + Bushes 21.08 – 21.50
- Sugar Cane 21.50 – 22.63
- Residential/Commercial 22.63 – 22.80
- Residential 22.80 – 23.98
- Ranch/Pasture (L), Sugar Cane (R) 23.98 – 24.01
- Trees & Bushes 24.01 – 24.93
- (Residential (R) Beach (L))

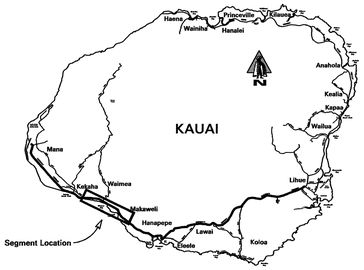
Right of Way Fence: Type – Right and Left
- W/W 20' 21.08 – 24.00
- W/W 20' 21.08 – 21.50
- WW / WOOD / WW 23.98 – 24.01

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

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

Project No., Type of Construction, and Year Constructed
- (HWY-K-02-98 (IMPRV.) 2000) 20.54 – 20.70
- 50B-01-00M, Resurf., 2003 21.34 – 23.08
- 50B-01-67, 1967 23.08 – 24.34
- (F-050-1(1), 1957) 24.34 – 24.93

Project No., Type of Construction, and Year Constructed
- STP-050-1(18), 1997 20.54 – 21.34
- STP-050-1(12) (GUARDRL. & SHLDR. IMPRV.), 1995 21.34 – 22.50
- STP-050-1(10) (R), 1993 22.50 – 23.13
- BD 66-341 (R) 1967 23.13 – 24.34
- BD 66-341 (R), 1967 24.34 – 25.



Road Diagram

* MP = Milepost Signage

CONTINUED FROM PAGE #4

20 mi. — KAUMUALII HIGHWAY — 25 mi.

Makaweli Flume (O.P.) 20.27 mi.; Mahinauli Br. 20.33 mi.; Begin Divided 20.54 mi.; End Divided Makaweli Post Office 20.62 mi.; Paved Road 20.69 mi.; Road to Makaweli Landing 20.82 mi.; Cane Haul Rd. 20.89 mi.; Aakukui Br. 20.99 mi.; Paved Road 21.02 mi.; 21 MP; ECB (R) 21.08 mi.; Mahaikona Br. 21.35 mi.; Cane Haul Rd. 21.41 mi.; Cane Haul Rd. 21.50 mi.; Gay & Robinson Plantation Rd. 21.83 mi.; 21.90 mi.; Waimea Br. 22.28 mi.; Russian Fort Parking Lot 22.39 mi.; Ala Wai Rd. 22.47 mi.; 22 MP; Panaco Rd. 22.59 mi.; Menehune Rd. 22.69 mi.; Halepule Rd. 22.78 mi.; Moana Rd. 22.84 mi.; Olo Rd. 22.89 mi.; Pokole Rd. 22.94 mi.; 23 MP; Makaha Rd. 23.01 mi.; Waimea Canyon Dr. (Rte 550) 23.08 mi.; Hauka Rd. 23.14 mi.; Roads 23.20 mi.; Brewery 23.33 mi.; Kikiaola Ranch 23.74 mi.; ECB 24 MP; Kikiaola Harbor Rd. 23.89 mi.; 23.99 mi.; Kekaha Rd. 24.40 mi.; Cloudbreak 24.41 mi.; 24.48 mi.; Kikiaola Place 24.68 mi.; Mamo Rd. 24.79 mi.; 25 MP; 24.93 mi.

CONTINUED ON PAGE #6

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 6'–14' AC; 0 (22.44); 8' AC (23.05); (23.24 – 23.27 8' AC); 4' AC
- Pavement: Width and Type: 24' AC; 12' AC; 24' AC; 24' AC (23.05 – 23.11); 23' AC (23.11 – 23.29); 24' AC
- Shoulder: Width and Type: 6' AC; 0; 6' AC; 0 (22.44); 4' AC

Divided Highway — Median
- Median: Width and Type: 0'–8' Painted AC (20.54 – 20.69)
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 12' AC
- Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2–12'; (2–12') 1–12' 1–20' 1–12' 1–11' 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 8' Parking Lanes; (8' Parking Lanes) (10' Diagonal Parking Lanes)

(Right Side): 12' (L) TLs (20.42 – 20.57); 8' Parking Lanes

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

Sidewalk: Width and Type (Right and Left): 3' Conc. (22.46 – 23.26)

Curb and/or Gutter: Type (Right and Left): 4' Conc. (22.47 – 23.13); Conc. Curb (22.81 – 23.29); (Conc. Curb) (22.47 – 22.81); Conc. Curb (22.77 – 23.29); (Conc. Curb + 2' Conc. Gutter); (Conc. Curb + 2' Conc. Gutter)

Protective Devices: Type, Location and Number: (Metal w/ Metal) 20.00; (Metal w/ Metal) 20.02; Metal w/ Metal 20.26 – 20.51; Metal w/ Metal 20.60 – 21.18; Metal w/ Metal 21.18 – 21.39; (Metal w/ Metal) 22.03 – 22.16; 22.46 – 22.80

Illumination: Type, Location and Number: (1) M.V. 20.65; M.V. 22.80 – 23.85; M.V. 24.44 – 24.94

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling; Flat (23.40 – 23.89)

Speed: 1–Design, 2–Posted
- 35 MPH ② 20.27 – 20.33
- 45 MPH ② 20.33 – 20.83
- 50 MPH ② 20.27 – 20.41
- 45 MPH ② 20.41 – 20.67
- 50 MPH ② 20.83 – 22.28
- 35 MPH ② 22.28 – 22.63
- 25 MPH ② 22.63 – 23.40
- 35 MPH ② 23.40 – 23.89
- 45 MPH ② 23.89 – 24.44
- 50 MPH ② 24.44 – 24.72
- 45 MPH ② 24.72 – 24.79
- 35 MPH ② 24.79 – 25.

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

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Minor Arterial

National Highway System (NHS): None

Previous Projects: Project No., Date and Limits
- STP-050-1(12) (GUARDRAIL & SHLDR. IMPRV.), 1995 22.50
- 50B-02-93M (FOG SEALING), 1994 20.36
- (HES-050-1(8) (SHLDR. & GUARDRAIL IMPRV.), 1990)
- 50B-01-92M (R), 1992 22.50
- 23.04 STP-050-1(13) (R), 1995
- 50B-01-86M (R), 1986 21.39
- HW-K-01-78M (R), 1978 (FAP 29 D(1), 1940) 22.78
- 23.12 LT-K-03-80M (R), 1980
- FAP-F29(4), 1946 (39 + 67.6) 22.04
- FAP 29 A(1), 1938 22.96
- 23.12 FAP 29D (1), 1941 (139 + 00) 24.13 (492 + 94)
- DAWR 1, 1942 – 1944 24.47

HPMS: 0.40 (22.06 – 22.46); 1.35 (0 + 00) (206 + 00.1)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Feb. 04	D.B.
July 04	D.B.

ROAD INVENTORY
KAUAI RTE 50
KAUMUALII HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

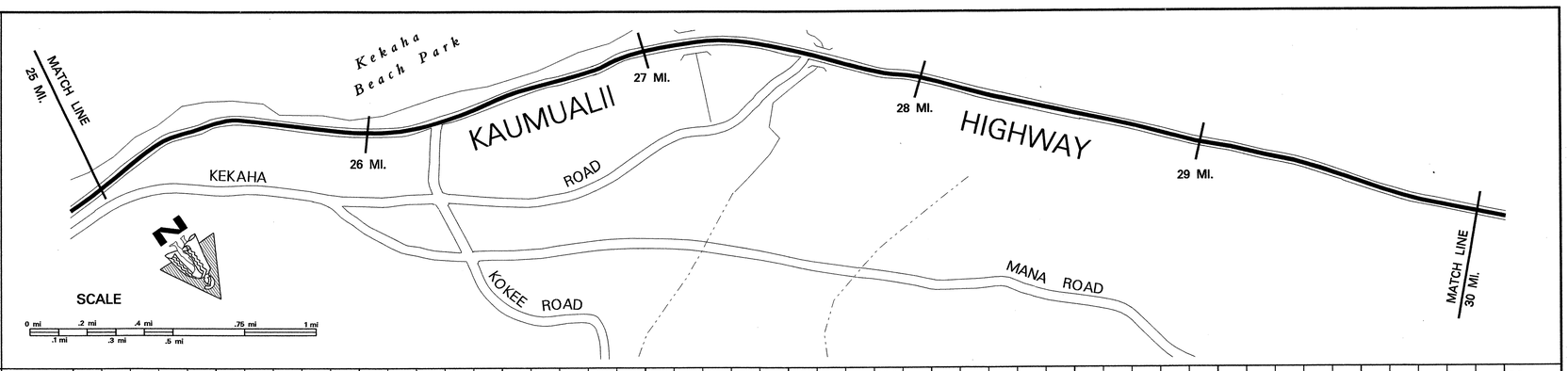
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length: 32.93 MILES (a+b)
- a. Existing Length: 32.93 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 32.93 MILES (a+b, less c)
- a. Existing Length: 32.93 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations: 50 13 (2.20 mi.); 50 14 (6.25 mi.)

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

Vertical Clearance: 27.21; 27.57

Horizontal Clearance: 42'; 42'

Structure Over Road — Vertical Clearance

Horizontal Clearance

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

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

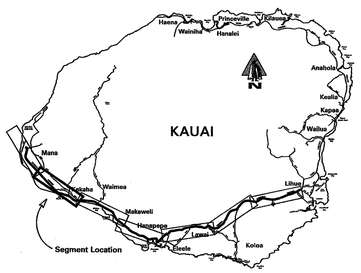
Right of Way Fence: Type – Right and Left: Wood 25' FEP; WW 50' FEP; WW 50' FEP; WW 75' FEP

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

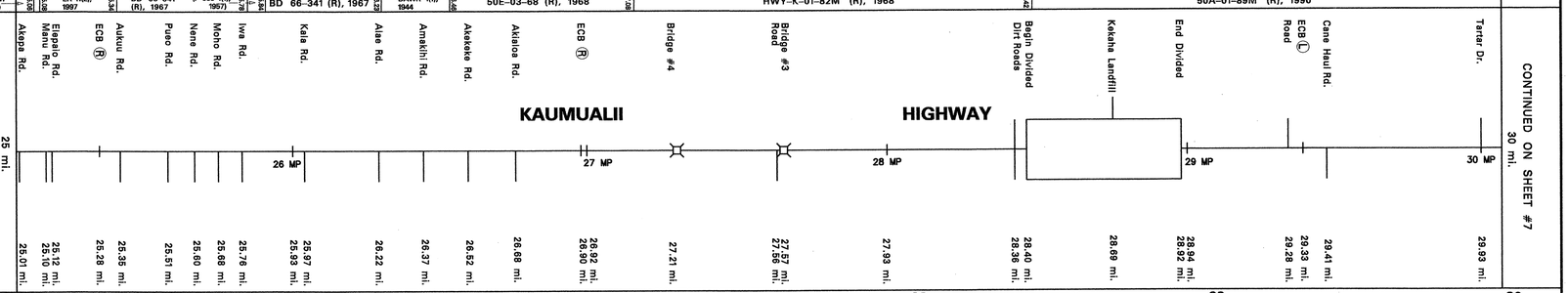
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: (F–050–1(1), 1957); ER–10(2) (STORM DAMAGE RECONSTRUCTION), 1984; STP–050–1(12) (GUARDRL. & SHLDR, IMPRV.), 1995

Project No., Type of Construction, and Year Constructed: (BD 66–341 (R), 1967); ER–11(2), 1997; BD 66–341 (R), 1967; (F–050–1(1), 1957); BD 66–341 (R), 1967; DAWR 1(1), 1944; 50E–03–68 (R), 1968; HWY–K–01–82M (R), 1968; 50A–01–89M (R), 1990



Road Diagram



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 4' AC; 20' AC; 4' AC; 6' AC

Pavement: Width and Type: 24' AC; 22' AC; 24' AC; (12' AC); 11' AC; 22' AC

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

Divided Highway — Median: Width and Type: 0'–11' Painted AC

Shoulder: Width and Type: 0

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

Shoulder: Width and Type: 6' AC

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

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

(Right Side): 11' TLs

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: None

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

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

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

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

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

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Minor Arterial

National Highway System (NHS): None

Previous Projects: Project No., Date and Limits: STP–050–1(13) (R), 1995; BD 66–341 (R), 1976; LT–K–03–80M (R), 1980; (F–050–1(1), 1957); 50E–03–68 (R), 1968; DAWR 1, 1942 – 1944; 50 E–03–68 (R), 1968; DAWR 1, 1942 – 1944

HPMS: 1.35; 3.38

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2001
Revised

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

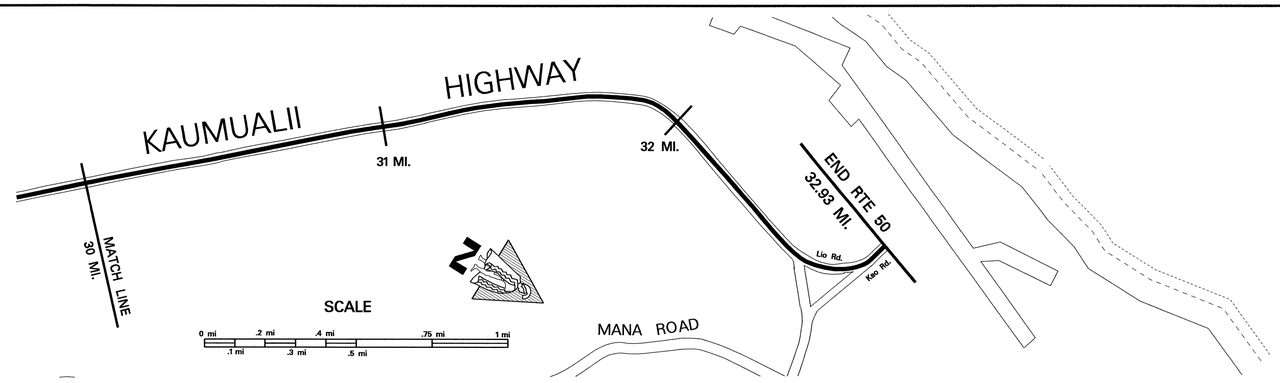
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	32.93	MILES (a+b)
a. Existing Length:	32.93	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	32.93	MILES (a+b, less c)
a. Existing Length:	32.93	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (-)

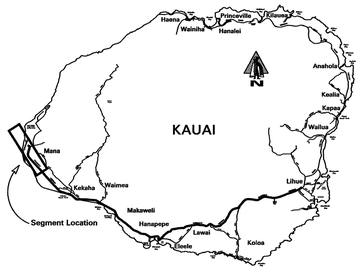
NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Maintenance Control Sections : Length and Description	50 A (8.45 MI.) — BEG. 50 A – SAME AS END RTE 50.
ADT Sections; ADT; Traffic Count and Truck Weight Stations	50 14 (6.25 mi.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC FLAT SLAB (CNL) HS–20, 1957 41' (31.14); RC FLAT SLAB (CNL) HS–20, 1957 41' (31.57)
Vertical Clearance	
Horizontal Clearance	42' 42'
Structure Over Road — Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	100'
Available Right of Way Width (Needs Study)	1000' Clear (Bushes & Sugar Cane 20' F.E.P.)
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	30.94 50A–01–02M 2004 RESURFACE
Project No., Type of Construction, and Year Constructed	STP–050–1(12) (GUARDRL.& SHLDR. IMPRV.), 1995



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #6

30 mi. | 31 | 32 | 33 | 34 | 35

Kia Rd. — Bridge #2 — Bridge #1 — Imiloa Rd. — ECB (L) — Hwy Spur — Kao Rd.

KAUMUALII HIGHWAY

31 MP — 32 MP — 32.99 MP

LIO RD.

KAO RD.

END RTE 50 ON KAO ROAD AT THE NORTH ENTRANCE GATE OF THE PACIFIC MISSLE RANGE FACILITY. 32.93 mi.

30.74 mi. — 30.99 mi. — 31.14 mi. — 31.57 mi. — 31.99 mi. — 32.32 mi. — 32.43 mi. — 32.56 mi. — 32.87 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type	6' AC
Pavement: Width and Type	22' AC
Shoulder: Width and Type	6' AC
Divided — Median: Width and Type	
Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	
Number of Traffic Lanes	2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left)	NONE
Protective Devices: Type, Location and Number	NONE
Illumination: Type, Location and Number	NONE
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat
Speed: 1–Design, 2–Posted	50 MPH ② — 32.23 32.27 — 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	NONE
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial
National Highway System (NHS)	NONE
Previous Projects: Project No., Date and Limits	
	30.94 50A–01–89M (R), 1990
	DAWR 1, 1942 – 1944 (31.18) (31.48) 31.17 (F–050–1(3), 1957) 31.61 50A–02–70 (R), 1970 (F–050–1(1), 1957) (32.05) 32.54
HPMS	3.38 — 31.69 — 32.45 — 0.48

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Date Released
Nov. 2001
Revised

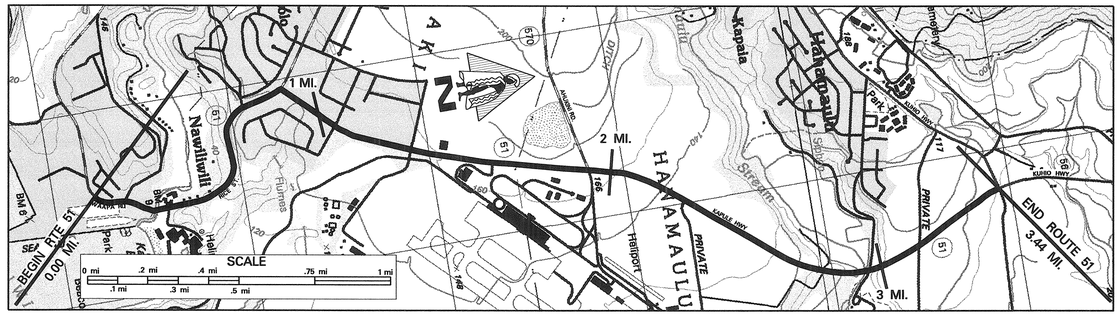
ROAD INVENTORY
KAUAI RTE 51
WAAPA RD., RICE ST., KAPULE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 3.44 miles
a. Survey Length: 3.44 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*

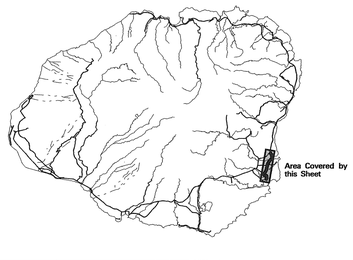


SCALE: (In Miles) 4" = 1 mile

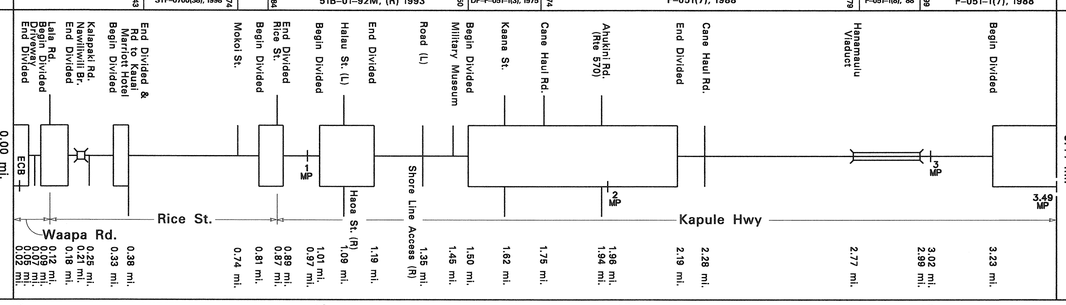
Maintenance Control Sections : Length and Description
Begin 51A Same as Begin Rte 51 | 51A (0.91 MI.) | End 51A on Rice St. 830' N.W. of Mokoi St. Center Line. | 51B (1.04 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations
51 01 (0.91 MI.) | 51 02 (1.04 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed
SS-CONC. TEE 1933 H-15 | PRESTRESSED CONC. GIRDER, 1988 HS-20-40
Vertical Clearance 50' | 14'0"
Horizontal Clearance 24' | 40'
Structure Over Road — Vertical Clearance
Horizontal Clearance

Right of Way Width (min.-max.) if varies
80' | 50' | 60' | 70' | 60' | 50' | 100' | 160' | 150'-155' | 180' | 190' | 120'-165' | 205'-285' | 120'-195' | 180'-210' | 150'-165'
Available Right of Way Width (Needs Study)
Res./Comm. | Trees & Bushes | Res./Comm.
Right of Way Fence: Type - Right and Left
Chain Link | Wire
Control of Access: 1-None, 2-Partial, 3-Full
None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
State
Project No., Type of Construction, and Year Constructed
NH-051-1(10), R, 2002 | STP-051-1(9), Imprv., 2000 | STP-051-1(20), Imprv., 2000 | 51B-01-00M, 2001, Imprv.
Project No., Type of Construction, and Year Constructed
STP-0700(38), 1998 | 51B-01-92M, (R) 1993 | DP-F-051-1(3), 1975 | F-051(7), 1988 | F-051-1(8), '88 | F-051-1(7), 1988



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
Shoulder: Width and Type 8' AC | 4'-6' Grs. | 4'-6' AC | 2' AC/ 4' Grass | 10' AC | 8' AC | 8' PCC | 8' AC
Pavement: Width and Type 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | (24' AC) | 36' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 24' PCC | 24' AC | 12' AC
Shoulder: Width and Type 0 | 8' AC | 0 | 8' AC | 0 | 2'-4' AC | 0 | 9' AC | 0 | 8'-10' AC | 0 | 8' AC | 8' PCC | 8' AC | 0
Median: Width and Type (10' Paint) | 10' Paint | (10' Paint) | (0-8' Painted AC) | 6' Painted Median | 24' Painted AC | 12' Painted AC
Median Barriers:
Shoulder: Width and Type 0 | 0 | 0 | 0 | 0 | 0 | 0
Pavement: Width and Type 12' AC | 12' AC | 12' AC | 12' AC | 12' AC | 12' AC | 12' AC
Shoulder: Width and Type 8' AC | 8'-10' AC | (4'-8' AC) | 8' AC | 10' AC | 8'-10' AC | 8' AC

Number of Traffic Lanes 2-12' | 1-12' 2-12' | 2-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) 10' | 10' | 10' | 10' | 10' | 10' | 10' | 10' | 10'
(Right Side) 10' | 12' | 12' Truck Climb Lane | 16' | 10' | 12' | 12' | 12' | 18' | 12'
Frontage Road: No. of Lanes, and Width (Right and Left) None
Sidewalk: Width and Type (Right and Left) 4' Conc.
Curb and/or Gutter: Type (Right and Left) BP Curb | Conc. Gutter | (Conc. Curb) | AC Curb | (7' Conc. Gutter) | (7' Conc. Gutter) | AC Curb
Protective Devices: Type, Location and Number Metal Rails on Concrete Posts | M/M | M/M
Illumination: Type, Location and Number M.V. | Inc. | Inc. | M.V. | M.V.
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Urban
Terrain: 1-Flat, 2-Rolling, 3-Mountainous Flat | Mountainous | Flat
Speed: 1-Design, 2-Posted 25 MPH (2) | 35 MPH (2) | 40 MPH (2) | 35 MPH (2) | 50 MPH (2) | (35 MPH (2))
Intersection Control Devices: Type, Location and Cycle Timing Stop Sign | 4 Phase | Traffic Light | 4 Phase | 2 Phase
Sight Distance: Minimum Passing PSD-
Minimum Stopping SSD-
Pavement Striping: No Passing Zones
Capacity: Service Volume-E
DOD Sections
Census Tracts
Functional Classification Principal Arterial
National Highway System (NHS) NHS
Previous Projects: Project No., Date and Limits
(STP-058-1(2), Realign, 1993) | (50E-05-69, 1969, Resurf. & Truck Climb) | 51A-01-88M, (R) 1988 | DP-F-051-1(3), 1975 | F-015-1(7), 1988
HPMS County 0.09 | FAP E-12-A, 1932 | 50E-05-69, 1969 | (FAP-E-12-A, 1932) | DP-F-051-1(3), 1974 | F-051-1(8), 1988
0.44 | 0.46 | 1.05 | 1.49

SCALE: (In Miles) 4" = 1 mile

Date Released
April 04, D.B.
Revised

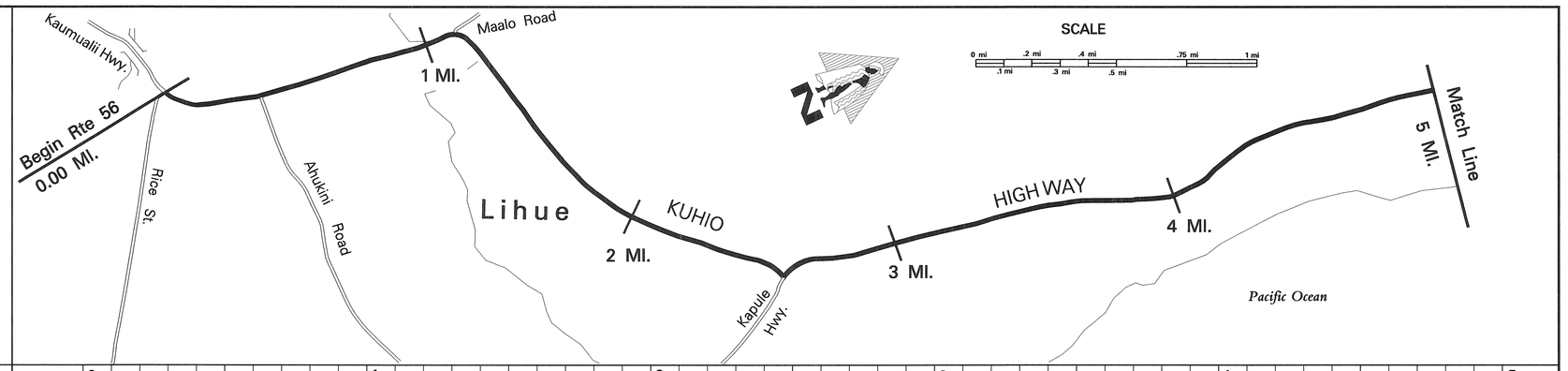
ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	28.11	MILES (a+b)
a. Existing Length:	28.11	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.11	MILES (a+b, less c)
a. Existing Length:	28.11	MILES
b. Temporary Length:	None	MILES
c. Length used as T.W. for another Route:	None	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations
- 56 01 (0.42 MI.)
- 0.42 56 02 (0.74 MI.)
- 1.16 56 03 (0.87 MI.)
- 2.03 56 04 (0.57 MI.)
- 2.60 56 05 (3.36 MI.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Tee Beam (STR) 1933 H15
- Vertical Clearance: 157'
- Horizontal Clearance: 1.22 27'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 85' 0.14 50' 0.92 70' 0.98 80' 1.06 60' 1.29 120' 1.38 80' 1.43 65' 1.72 70' 1.80 60' 4.18 100'

Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't): Commercial / Residential 2.24 Clear 1000' – Sugar Cane 20' FEP

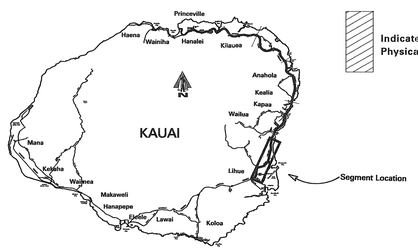
Right of Way Fence: Type – Right and Left (FEP=From Edge of Pav't): Chain Link 50' FEP 0.40 0.95

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

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

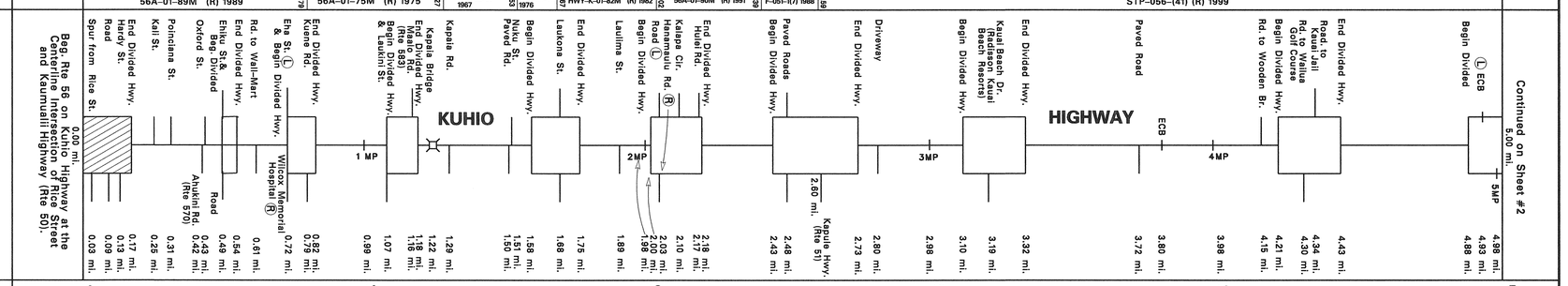
Project No., Type of Construction, and Year Constructed: (50E-01-98, 2001 (REALIGNMENT)) 0.14 56A-01-00M 2004 RESURFACE; 56A-01-93M (R) 1994; HWY-K-03-00, Improvements, 2003) 4.88

Project No., Type of Construction, and Year Constructed: 56A-01-89M (R) 1989 0.79; 56A-01-75M (R) 1975 1.27; 56A-02-67 1967; 56A-02-72 1976 1.53; HWY-K-01-82M (R) 1982 1.87; 56A-01-90M (R) 1991 2.03; F-051-1(7) 1988 2.38; STP-056-(41) (R) 1999 2.59



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP=Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway

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

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

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 (M/M=Metal Rail on Metal Post; M/C=Metal Rail on Conc. Post)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Contra-Flow Lane

Area and Development: Urban / Rural

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

Speed: 1–Design, 2–Posted

Intersection Control Devices: Type, Location and Cycle Timing

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

HPMS

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.
July 04	D.B.

ROAD INVENTORY
KAUAI RTE 56
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

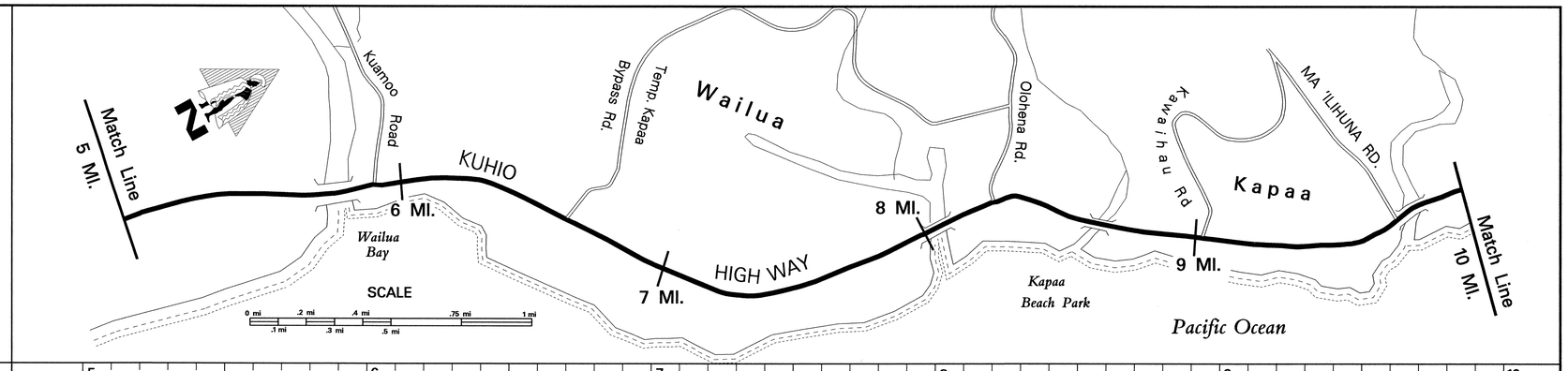
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length: 28.11 MILES (a+b)
- a. Existing Length: 28.11 MILES
- b. Proposed Length: None MILES

Total Travel Way Length: 28.11 MILES (a+b, less c)
- a. Existing Length: 28.11 MILES
- b. Temporary Length: None MILES
- c. Length used as T.W. for another Route: None MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
- 56A (9.86 MI.)
- End 56A – Begin 56B on Kuhio Hwy, 100' North of Centerline Intersection with Mailhuna Rd. 9.86
- 56B (3.68 MI.)

ADT Sections; ADT; Traffic Count and Truck Weight Stations
- 56 05 (3.36 MI.)
- 5.96
- 56 06 (2.23 MI.)
- 8.18
- 56 07 (0.81 MI.)
- 9.99
- 56 08 (0.85 MI.)
- 9.94
- 56 09 (0.75 MI.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Tee Beam (RIV) 425' | Cont. Conc. Slab HS20 1963 56' | (Widened in 1993) | Prestressed Conc. Plank HS-20-44 81' | (Widened in 2001) | Tee Beam H20 (CNL) 1948 81' | Tee Beam (STR) 1953 152'
- Vertical Clearance: 5.77 | 7.32 | 8.09 | 8.64 | 9.99
- Horizontal Clearance: 28' | 46' | 56' | 30' | 28'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 100' | 5.14 | 60' | 5.69 | 80' | 6.12 | 60' | 8.18 | 70' | 8.36 | 60' | 8.69 | Varies 80'–120' | 8.81 | 50' | 9.00 | (Varies 50'–90') | 9.13 | 50' | 9.22 | Varies 50'–80' | 9.54 | (70') | 9.62 | 60' | 9.68 | 50' | 9.82 | 9.88 | 9.97 | 100'

Available Right of Way Width (Needs Study) (FEP=From Edge of Pav't): Clear 1000' – Sugar Cane 20' FEP | 5.85 | Residential | 8.36 | (Sugar Cane – Clear 1000') | 8.52 | Resort / Residential | 9.03 | Open Range | 9.74 | Residential

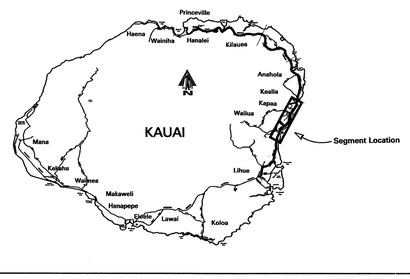
Right of Way Fence: Type – Right and Left: 2' FEP Chain Link 8.46 | 8.52 | 30' FEP W/W 9.28 | 9.39

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

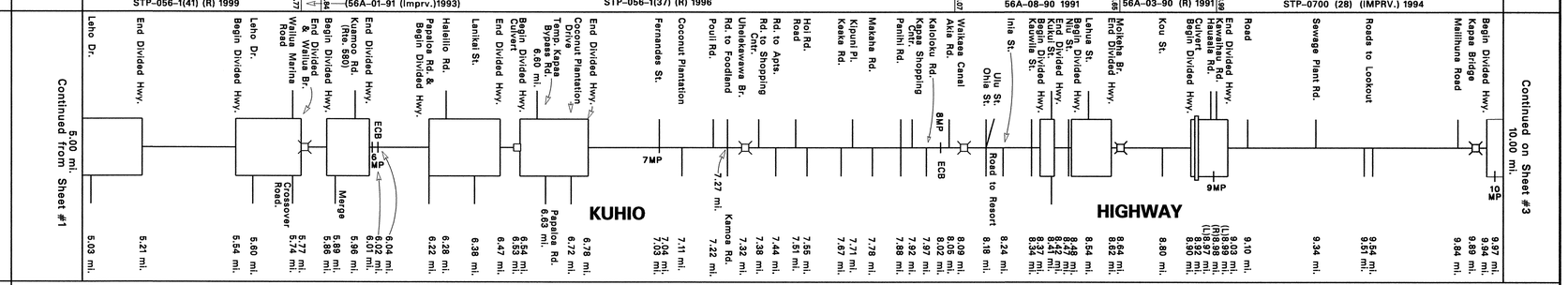
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: HWY-K-03-00 Imprv. 2003 | 5.24 | 56A-01-92 (IMPRV.) 1993 | 7.36 | (BR-STP-056-1(35), 2001 BRIDGE WIDENING) | 8.05 | 8.23 | 8.91 | 9.03 | (56A-01-97 ((L) TURN LANE) 1998) | 9.81 | 56B-01-01M 2004 (R)

Project No., Type of Construction, and Year Constructed: STP-056-1(41) (R) 1999 | 5.77 | 5.84 | (56A-01-91 (Imprv.)1993) | STP-056-1(37) (R) 1996 | 8.07 | 56A-08-90 1991 | 8.68 | 56A-03-90 (R) 1991 | 8.98 | STP-0700 (28) (IMPRV.) 1994



Road Diagram
* MP=Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 4'AC | 5.11 | 6'AC | 5.77 | 4'AC | 5.81 | 6' AC | 6.21 | 4'AC | 7.21 | 2' AC | 8.06 | 0 (12' AC) | 8.69 | 4'–6' AC | 9.70 | 3' AC | 9.82 | 4' AC | 9.94 | 5' AC
- Pavement: Width and Type: 12'AC | 36' AC | 5.48 | 3'AC | 11' AC | 22' AC | 11' AC | 33' AC | 11' AC | 33' AC | 11' AC | 33' AC | 7.38 | 22' AC | 11' AC | 22' AC | 11' AC | 6.89 | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC
- Shoulder: Width and Type: 0 | 6' AC | 0 | 4'AC | 0 | 4' AC | 6.05 | 6' AC | 0 | 4' AC | 6.47 | 4' AC | 0 | 4' AC | 7.33 | 6' AC | 7.86 | 4' AC | 8.07 | 0 | 0 | 0 | 0 | 0 | 8.49 | 12' AC | 0 | 6' AC | 9.35 | 4'–6' AC | 9.61 | 6' AC | 0

Divided Highway — Divided
- Median: Width and Type: 0'–18' Painted AC | 5.21 | 5.54 | 0'–10' Painted AC | 5.77 | 5.88 | 0'–10' Painted AC | 6.01 | 6.22 | 0'–10' Painted AC | 6.47 | 6.54 | 0'–10' Painted AC | 6.78 | 0'–11' Painted AC | 8.37 | 8.42 | 0'–10' Painted AC | 8.62 | 8.90 | 0'–11' Painted AC | 9.03 | 10' PAINTED AC
- Shoulder: Width and Type: 0 | 0 | 0 | 8.49 | 0 | 0
- Pavement: Width and Type: 24'AC | 24' AC | 8.68 | 12' AC | 8.90 | 11' AC | 5.88 | 22' AC | 6.88 | 22' AC | 22' AC | 11' AC | 8.49 | (11' AC) | 12' AC | 12' AC | 12' AC
- Shoulder: Width and Type: 6'AC | 6' AC | 5.48 | 4' AC | 4' AC | (6' AC) | 6.22 | 4' AC | 4' AC | 0 | 0 | 12' AC | 8.90 | (6' AC) | 6' AC

Number of Traffic Lanes: 1 – 12' (1 – 12') | 2 – 11' | 1 – 11' | 2 – 11' | 1 – 11' | 2 – 11' | 2–11' | 2-Way, (L) TL | 1-11' 1-12' | 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' TLs | 2-Way (L) TL | 10' Parking | 1-10' ACC. LN

(Right Side): 2-Way (L) TL | 2-Way (L) TL | 10' Parking

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

Sidewalk: Width and Type (Right and Left): 5' Conc. | 8.98 | 6' CONC.

Curb and/or Gutter: Type (Right and Left): (Conc. Curb) | Conc. Curb | C/C | Conc. Curb | 8.09 | 6' Conc. | 8.68 | Conc. Curb | Conc. Curb | 2" CONC.CURB & GUTTER

Protective Devices: Type, Location and Number (C/C=Conc. Rail on Conc. Post M/M=Metal Rail on Metal Post): M/M | M/M | M/M

Illumination: Type, Location and Number: Mercury Vapor

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Contra-Flow Lane: Contra-Flow 5:53-8:30 AM | Traffic Flow

Area and Development: Rural | Urban | (Rural)

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

Speed: 1–Design, 2–Posted: 50 MPH (2) | 35 MPH (2) | 25 MPH (2) | 35 MPH (2) | 25 MPH (2) | 35 MPH (2) | 50 MPH (2) | 40 MPH (1)

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

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections: (Minor Arterial (1))

Functional Classification: Principal Arterial

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits
- STP-056-1(40) 1998 | 5.77
- 56A-01-90M (R) 1991 | 5.54 | 56A-01-91 (IMPRV.) 1993 | 6.34 | 56A-08-90 (IMPRV.) 1991 | 8.65 | (56B-01-89M 1989 (R))
- (56C-01-87M 1987) | 6.01 | 6.18 | LT-K-02-79 (SHLDR. & GUARDRAIL IMPRV.) 1980 | 8.01 | 8.09 | 56A-03-90M (R) 1991 | 8.89 | (HWY-K-01-77M 1977)
- A-56-02-64 1968 | 5.54 | 56A-01-90M (R) 1991 | 5.84 | 56A-02-72 1976 | A56-02-65 (R) 1967 | 56A-02-72 1976 | 6.31 | HWY-K-01-78M (R) 1978 | 7.51 | A56-02-65 (R) 1967 | 56A-01-74 1976 | 8.98 | (56A-01-67 (R) 1967) | HWY-K-01-77M (R) 1977 | 9.12 | 56A-01-72 1976 | 9.20 | (56A-01-67 (R) 1967)
- F-12(18) 1950 | 5.78 | 5.86 | (F-12(15) 1948) | F-12(18) 1950 | (F-12(14) 1945) | 8.01 | 8.12 | County | (F-12(14) 1945) | 8.65 | County | 9.00 | F-12(18) 1950 | 9.72 | F-12(20) 1951

HPMS: 3.22 | 5.81 | 0.88 | 7.01 | 7.99 | 8.12 | 0.37 | 9.00 | 9.38

SCALE: (In Miles) 4" = 1 mile

Date Released	
Nov. 2001	
Revised	
Apr. 04	D.B.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

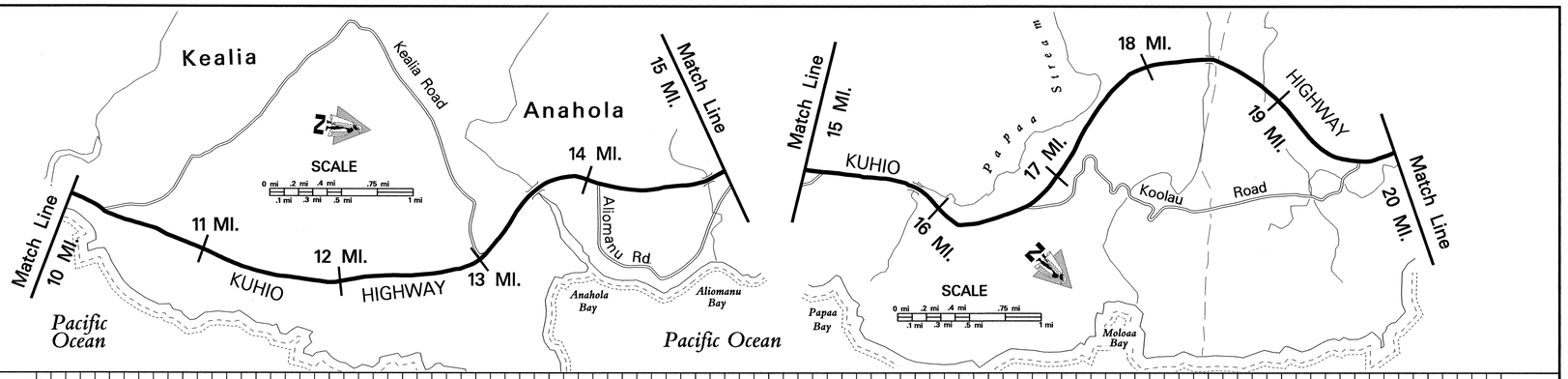
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	28.11	MILES (a+b)
a. Existing Length:	28.11	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.11	MILES (a+b, less c)
a. Existing Length:	28.11	MILES
b. Temporary Length:	None	MILES
c. Length used as T.W. for another Route:	None	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



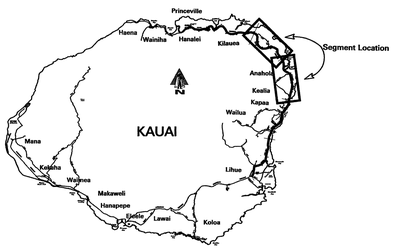
SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description
ADT Sections; ADT; Traffic Count and Truck Weight Stations
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Vertical Clearance
Horizontal Clearance
Structure Over Road — Vertical Clearance
Horizontal Clearance
Right of Way Width (min.–max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left (FEP = From Edge of Pav't.)
Control of Access: 1–None, 2–Partial, 3–Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No., Type of Construction, and Year Constructed

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.)
56 09 (0.75 MI.) | 56 10 (2.95 MI.) | 56 11 (3.07 MI.) | 56 12 (3.25 MI.) | 56 13 (3.49 MI.)

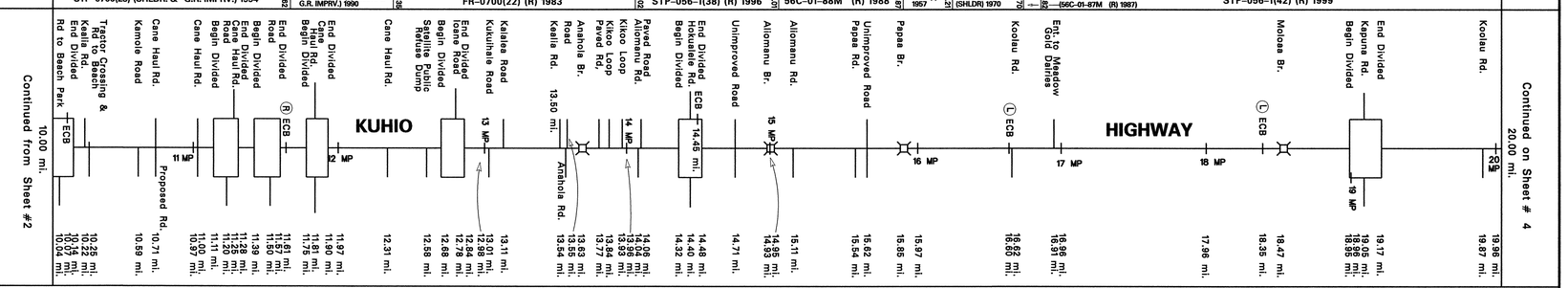
RC Box Girder (STR) 1960 — 214' — 28'
RC RGD FM FL SL (STR) 1960 — 20' — 28'
RC Deck Girder (GTR) 1957 — 68' — 40'
Prestressed Conc. Girder (STR) 1965 — 240' — 28'

Right of Way Width: (100') (80') Varies 80' to 160' | Varies 80' to 260'.
Available Right of Way Width: Residential | Clear 1000' – Sugar Cane | Residential | Clear 1000' – Pineapple / Sugar Cane | Bushes and Trees
Right of Way Fence: C.L. (25' FEP) | C.L. (15' FEP) | C.L. (20' FEP) | Wire on Wood 35' FEP
Control of Access: None
Jurisdiction: State
Project No.: 56B-01-01M 2004 (R) | 56 BC-01-99M, RESURF., 2000
Project No.: STP-0700(28) (SHLDR. & G.R. IMPRV.) 1994 | HES-056-1(32) (SHLDR. & G.R. IMPRV.) 1990 | FR-0700(22) (R) 1983 | STP-056-1(38) (R) 1996 | 56C-01-88M (R) 1988 | ER 5(1) 1957 | 50D-56AB-01-70 (SHLDR) 1970 | (56C-01-87M (R) 1987) | STP-056-1(42) (R) 1999



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided:
Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type

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

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left) (All Gutters 2' Concrete)
Protective Devices: Type, Location and Number (M/M = Metal Rail on Metal Post. M/C = Meta Rail on Concrete Post. W/C = Wood Rail on Conc. Post.)
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Contra Flow Lane
Area and Development: Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous — Rolling (2) | Flat (1) | Rolling (2) | Mountainous (3) | Rolling (2) | (Flat (1))
Speed: 1–Design, 2–Posted — 40 mph (1) | 50 MPH (2) | (45 MPH (2)) | 35 MPH (2) | 50 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing — None
Sight Distance: Minimum Passing PSD–
Minimum Stopping SSD–
Pavement Striping: No Passing Zones
Capacity: Service Volume–E
DOD Sections
Functional Classification — Minor Arterial (1)
National Highway System (NHS) — None
Previous Projects: Project No., Date and Limits
HPMS — 0.54 | 0.69

Date Released	
Nov. 2001	
Revised	
Aug 04	D.B.

ROAD INVENTORY

KAUAI RTE 56
KUHIO HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

IN COOPERATION WITH THE
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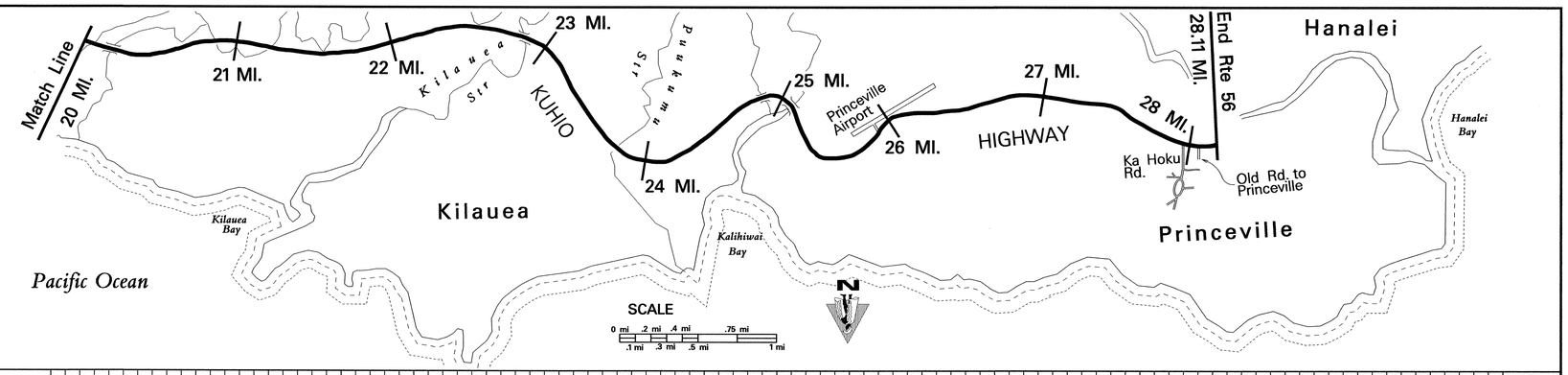
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	28.11	MILES (a+b)
a. Existing Length:	28.11	MILES
b. Proposed Length:	None	MILES
Total Travel Way Length:	28.11	MILES (a+b, less c)
a. Existing Length:	28.11	MILES
b. Temporary Length:	None	MILES
c. Length used as T.W. for another Route:	None	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



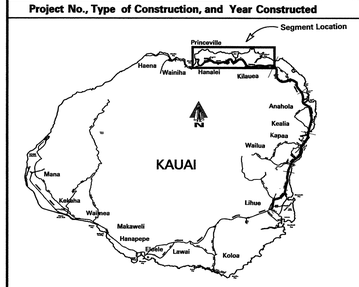
SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description
ADT Sections; ADT; Traffic Count and Truck Weight Stations
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Vertical Clearance
Horizontal Clearance
Structure Over Road — Vertical Clearance
Horizontal Clearance
Right of Way Width (min.–max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left — FEP=From Edge of Pav't
Control of Access: 1–None, 2–Partial, 3–Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No., Type of Construction, and Year Constructed

56C (9.82 MI.) — End 56C – Begin 56D on Kuhio Hwy, at the Centerline Intersection with Kolo Rd. (23.36) — 56D (4.75 MI.) — End 56D Same as End Route
56 13 (3.49 MI.) — 56 14 (2.09 MI.) — 56 15 (2.66 MI.)

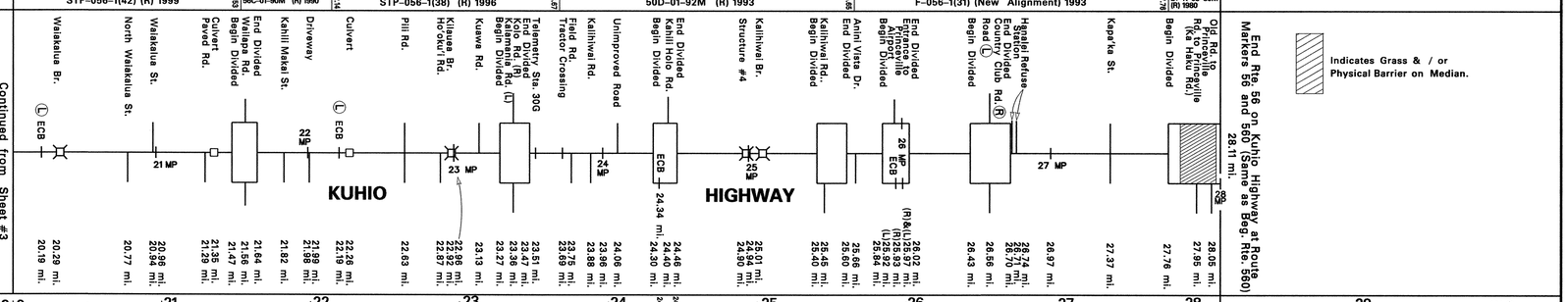
PrSt. Conc. Gdr. 1967 HS20: 39' / 20.28
Prestressed Beam 1973 HS20: 258' / 22.82
RC Slab Br. 1963 (CHN): 50' / 24.90
Prestressed Conc. 1963 (RW): 798' / 26.01
Vertical Clearance: 36' / 40' / 34' / 28'
Horizontal Clearance: (200') (Varies 110'–160') (Varies 175'–210') (100') (Varies 300'–360') (Varies 160'–165')

Right of Way Width: (80'–260') 20.14; 60'–500'; 22.16; 100'–200'; 23.35; 100' 23.76; 23.86; 100' 24.27; 24.41; 2 Varies 160'–295' 24.47; 24.69; 25.09; 130' 25.35; 25.47; 40'
Available Right of Way Width: (Bushes & Trees) 20.30; Clear 1000' Sugar Cane; 23.06; Residential; 23.82; Trees; 25.65; Grass & Small Trees; 27.95
Right of Way Fence: Wire on Wood 35' FEP; Wire on Wood 35' FEP; Wire on Wood 10'–20' FEP; Wire on Wood 10'–20' FEP; 25.76
Control of Access: None
Jurisdiction: State
Project No., Type of Construction, and Year Constructed: 23.36; 23.47 (HWY-K-02-98, IMPRV. 2000); 26.42 STP-056-1(36) 1998; 26.35
Project No., Type of Construction, and Year Constructed: STP-056-1(42) (R) 1999; 23.03; 56C-01-90M (R) 1990; 22.14; STP-056-1(38) (R) 1996; 23.47; 50D-01-92M (R) 1993; 25.65; F-056-1(31) (New Alignment) 1993; 27.76; LT-K-03-80M (R) 1980



Road Diagram

* MP=Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided:
Shoulder: Width and Type: 4' AC (20.13); 6' AC; 8' AC; 4' AC; 8' AC; 10' AC; 4' AC; 8' AC
Pavement: Width and Type: 22' AC; 11' AC; 22' AC; 24' AC; 12' AC; 24' AC; 22' AC; 11' AC; 22' AC; 12' AC; 20' AC; 10' AC; 20' AC; 12' AC; 20' AC; 10' AC
Shoulder: Width and Type: 4' AC (20.15); 6'–12' AC; 0; 6'–12' AC; 16' AC; 6'–12' AC; 8' AC; 4'–8' AC; 0; 4'–8' AC; 0; 6' AC; 0; 6' AC; 0; 6' AC; 0; 2' AC; 0

Divided Highway — Median:
Median: Width and Type: 0'–10' Painted AC; 0'–10' Painted AC; 0'–12' Painted AC; 0'–20' Painted AC; 0'–12' Painted AC; 0'–12' Painted AC; (6'–12' Raised Grass) (0'–6' Painted AC); (0'–6' Painted AC)
Shoulder: Width and Type: 0; 0; 0; 0; 0; 0; 2' AC; 0
Pavement: Width and Type: 11' AC; 12' AC; 11' AC; 12' AC; 10' AC; 12' AC; 10' AC
Shoulder: Width and Type: 6'–12' AC; 20' AC; 8' AC; 4'–8' AC; 8' AC; 6' AC; 6' AC

Number of Traffic Lanes: 2–11'; 22.08; 2–12'; 23.61; 2–11'; 2–12'; 2–10'; 26.70; 2–10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' T.Ls; 12' T.Ls; 12' T.Ls; 11' T.Ls; 12' T.Ls
(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.
Protective Devices: Type, Location and Number — M/M=Metal Rails on Metal Posts: M/M
Illumination: Type, Location and Number: None
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Contra Flow Lane
Area and Development: Rural
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); (45 MPH (2)); 35 MPH (2); 40 MPH (2); 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing: None
Sight Distance: Minimum Passing PSD–
Minimum Stopping SSD–
Pavement Striping: No Passing Zones
Capacity: Service Volume–E
DOD Sections
Functional Classification: Minor Arterial (1)
National Highway System (NHS): None
Previous Projects: Project No., Date and Limits
56C–01–90M (R) 1990
(56C–01–87M (R) 1987)
(50D–56AB–01–70 1970)
50D–01–92M (R) 1993
(S–0560(2) U–2 1963) F–056–1(8) 1967; DP-RF-056-1(10) (New Alignment) 1973; HWY-K-01-77M (R) 1977; (ER-7(1) U-2 1963); HWY-K-01-77M (R) 1977; 1.30; COUNTY; LT-K-03-80M 1980 (R)
HPMS

SCALE: (In Miles) 2" = 1 mile

Date Released	
Nov. 2001	
Revised	
Aug 04	D.B.

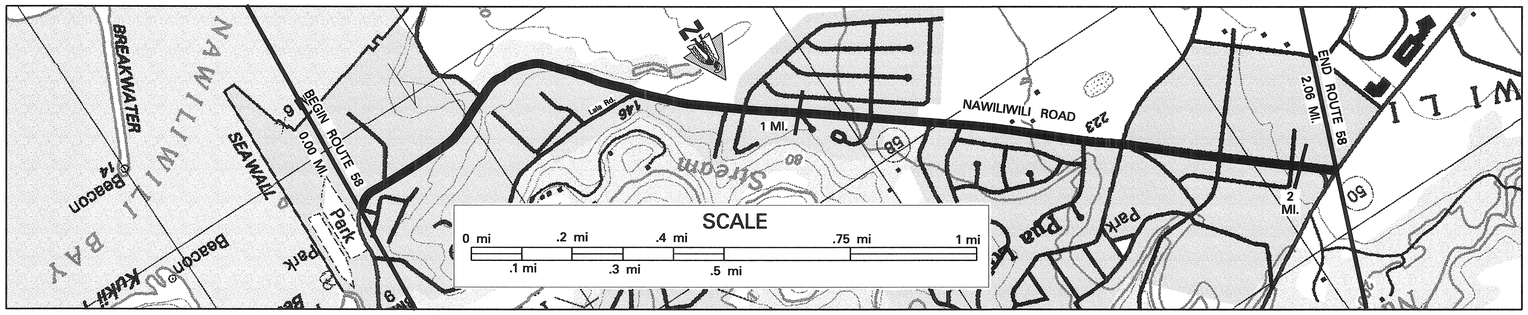
ROAD INVENTORY
KAUAI RTE 58
NAWILIWILI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 2.06 miles
- a. Survey Length: 2.06 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles



SCALE: (In Miles) 4" = 1 mile

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations
58 01 (0.36 mi.) | 0.36 | 58 02 (0.35 mi.) | 0.71 | 58 03 (1.15 mi.) | 1.86 | 58 04 (0.20 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' | 0.14 | 120' 0.16 | 140' 0.20 | 150' 0.26 | 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
1.71 6' Chainlink | 1.84 6' Chainlink | 1.86 6' Chainlink | 1.98 6' Chainlink

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

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

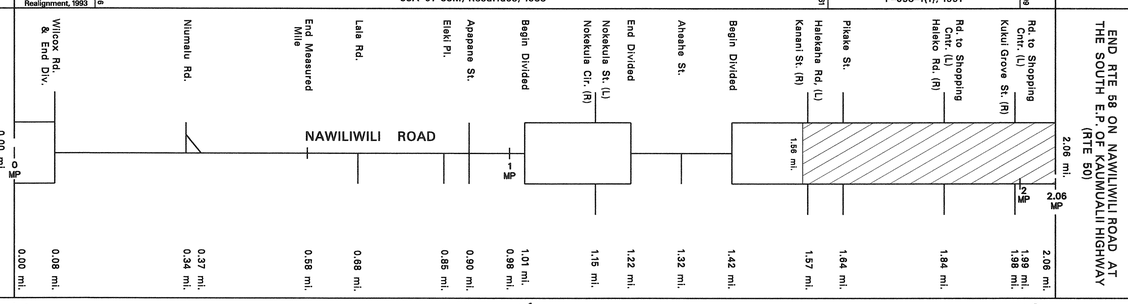
Project No., Type of Construction, and Year Constructed
NH-051-1(10) Resurf., 2002 | 0.10 | NH-058-1(3), Resurface, 2002

Project No., Type of Construction, and Year Constructed
STP-058-1(7), Realignment, 1993 | 0.46 | 58A-01-88M, Resurface, 1988 | 1.67 | F-058-1(1), 1991 | 1.99

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 8' AC | 10' Dirt 0.15 | 4' AC | 1.58 | 10' AC | 1.97 | 0
- Pavement: Width and Type: 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 1.84 | 24' AC
- Shoulder: Width and Type: 0 | 10' Dirt 0.15 | 4'–22' AC | 0 | 4' AC | 0

Divided Highway – Median
- Median: Width and Type: 10' Painted AC | 0.08 | 1.01 | 12' Painted AC | 1.22 | 1.42 | 0'–20' Paint | 1.66 | 0'–20' Raised Grass
- Shoulder: Width and Type: 0 | 0 | 0
- Pavement: Width and Type: 12' AC | 12' AC | 24' AC | 12' AC
- Shoulder: Width and Type: 8' AC | 4' AC | 10' AC | 1.84 | 1.97 | 0

Number of Traffic Lanes
0.09 | 0.15 | 2–12' | 1–12' | 1.84 | 2–12' | 1.97 | 1–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) All 12' T.Ls.
10' (L) T.L. | 0.05 | 0.08 | 0.62 | 1.01 | 1.05 | 1.18 | 1.20 | 1.27 | 1.72 | 1.75 | 1.84 | 1.92 | 1.98 | 2.04

(Right Side) All 12' T.Ls.

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

Sidewalk: Width and Type (Right and Left)
1.59 | 1.69 | 4' Conc. | 1.77 | 1.87 | Concrete Curb | 1.98

Curb and/or Gutter: Type (Right and Left)
0.29 | 8' Concrete Gutter | 0.69 | 1.67 | Concrete Curb | 1.98

Protective Devices: Type, Location and Number All Guardrails M/M
0.11 | 0.13 | 0.29 | 0.34 | 0.51 | 0.66 | 1.77 | 1.84 | 1.86

Illumination: Type, Location and Number
None

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Urban

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
Flat | 0.08 | 0.18 | Rolling | 0.71 | Flat | 1.82 | 2.04

Speed: 1–Design, 2–Posted
25 MPH (2) Not Posted | 35 MPH | 0.42 | 40 MPH (2) | 1.77 | 35 MPH (2) | 35 MPH (2) | 1.84

Intersection Control Devices: Type, Location and Cycle Timing
3 Phase | 2.06 | 3 Phase

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification
Principal Arterial

National Highway System (NHS)
NHS

Previous Projects: Project No., Date and Limits
0.11 | HWY-K-01-87 Improvements, 1987 | 0.68
58-01-71 (Reconstruction) 1971
Sta. 1+32 — S-254(1) 1954, 55 — 2.12 Sta. 112+52.87

HPMS

SCALE: (In Miles) 4" = 1 mile

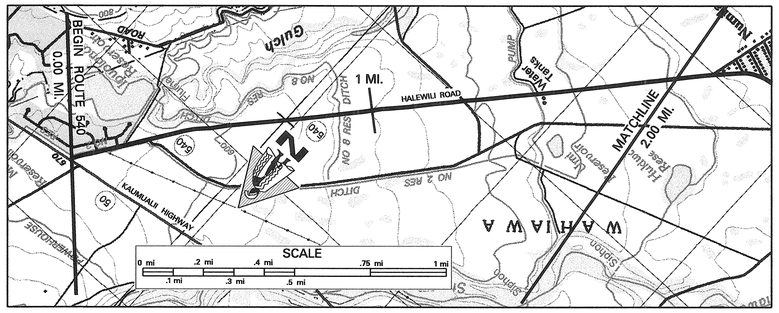
Date Released
Aug. 2004, D.B.
Revised

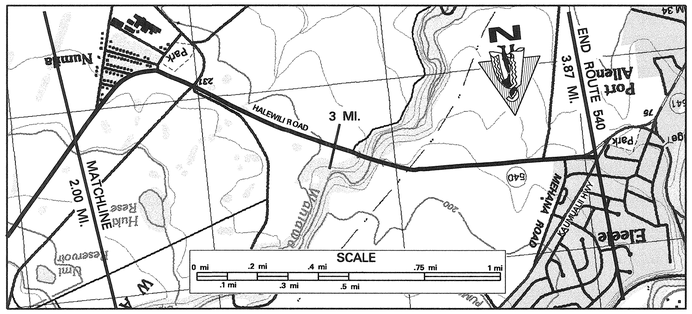
ROAD INVENTORY
KAUAI RTE 540
HALEWILI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 3.87 miles
a. Survey Length: 3.87 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*





SCALE: (In Miles) 4" = 1 mile

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations
540 01 (2.13 mi.) — 2.13 — 540 02 (1.82 mi.)

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 — 0.95 — 1.05 — 60' — 2.47 — 80' — 3.65 — 3.69 — 130' — 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

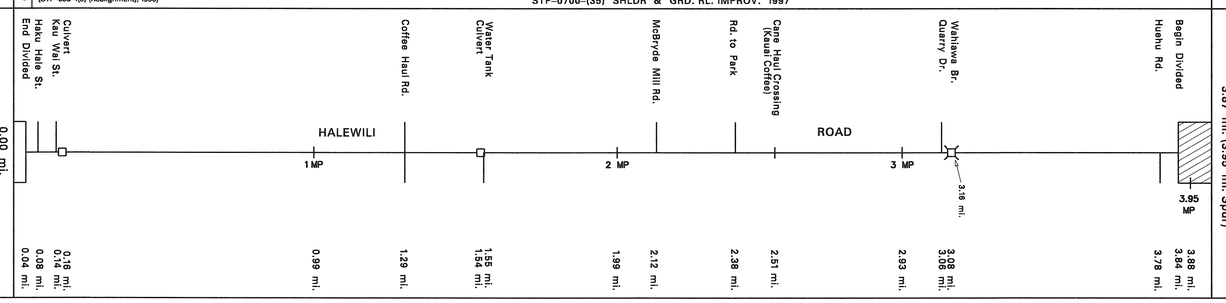
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
State

Project No., Type of Construction, and Year Constructed
0.06 — 1.03 — 540A–01–02M 2004 RESURFACE

Project No., Type of Construction, and Year Constructed
(STP-050-1(9) (Realignment), 1996) — STP–0700–(35) SHLDR & GRD. RL. IMPROV. 1997

Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type
6' AC — 3.22 — 12' AC — 6' AC

Pavement: Width and Type
(12' AC) — 24' AC — 2.87 — 3.07 — 12' AC

Shoulder: Width and Type
0 — 6' AC — 2.86 — 12' AC — 6' AC — 12' AC — 3.22 — 6' AC — 0

Median: Width and Type
(0'–30' Grass (Flushed) w/ AC Fringe (No Shoulder) & AC Curb)

Median Barriers:
(0'–12' Painted AC) — 3.84

Shoulder: Width and Type
0 — 0.04 — 0

Pavement: Width and Type
(12' AC) — (14' AC)

Shoulder: Width and Type
(20' Grass) — (10' Grass) — 3.87

Number of Traffic Lanes
2–12' — 1–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(1–14') — 3.87

(Right Side)

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

Sidewalk: Width and Type (Right and Left)
2.86 — 2.87

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

Protective Devices: Type, Location and Number — Metal Rails on Metal Posts
2.21 — 2.37 — 3.09 — 3.25 — 3.55 — 3.69

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Rural

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

Speed: 1–Design, 2–Posted
35 MPH (2) — (Not Posted) — 35 MPH (2) — 0.21 — 50 MPH (2) — 2.05 — 35 MPH (2) — 2.69 — 50 MPH (2) — 3.52 — 45 MPH (1) — 3.55 — 35 MPH (1) — 3.69 — 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing
0.03 — 3.78

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification
Major Collector

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
0.06 — STP–0700–(35) (Shoulder and Guardrail Improvements), 1997

0.07 — (STP–050–1(9) (Realignment), 1996) — 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)
Sta. 127 + 84.80 — Sta. –1 + 55.07 — Sta. 79 + 44.07 — Sta. 0 + 55.15

HPMS
1.79 — 0.31 — 2.04

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug. 2004, DB
Revised

ROAD INVENTORY
KAUAI RTE 541
WAIALO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

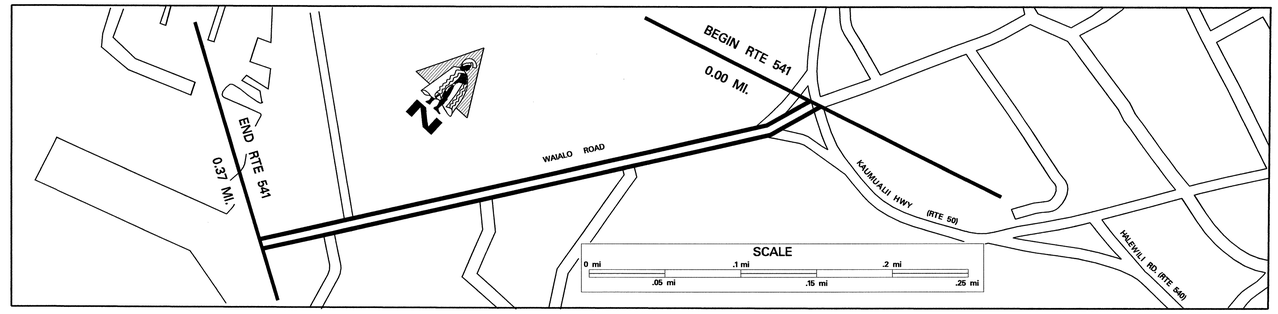
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 0.37 miles

a. **Survey Length:** 0.37 miles

b. **Proposed Length:** 0.00 miles

c. **Other Length:** * 0.00 miles

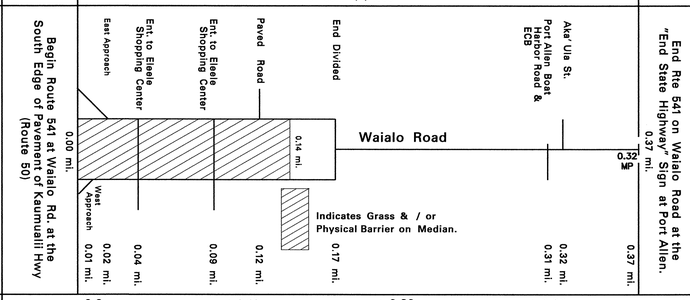


SCALE: (In Miles) 20" = 1 mile

Maintenance Control Sections : Length and Description	Begin 541 A on Waialo Road at Centerline of Kaumualii Hwy. — 541 A (0.37 mi.) — End 541 A Same as End Route.
ADT Sections; ADT; Traffic Count and Truck Weight Stations	541 01 (0.37 mi.) — 0.37
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	Varies 0.04 <—R/W is 40' from Centerline of Approaches 100' 0.29 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	
Project No., Type of Construction, and Year Constructed	541A–01–89M (R) 1990

Road Diagram

* MP=Milepost Signage



SCALE: (In Miles) 20" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	5'–12' AC — 6'–8' AC
Divided Highway – Undivided: Pavement: Width and Type	18' AC 0.03 22' AC — 36' AC
Divided Highway – Undivided: Shoulder: Width and Type	0 — 6' AC
Divided Highway: Median: Width and Type	2'–20' Raised Grass 0.03 8' Raised Grass 0.14 8' Paint 0.17
Divided Highway: Shoulder: Width and Type	0
Divided Highway: Pavement: Width and Type	18' AC 0.04 22' AC
Divided Highway: Shoulder: Width and Type	0.03 10' Dirt
Number of Traffic Lanes	1–18' 2–11' 0.04 4–11' — 1–12' 1–14'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1–18' 11' 0.03
(Right Side)	11' 0.01
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)	Conc. Curb on Median (L) & (R) 0.14
Protective Devices: Type, Location and Number	None
Illumination: Type, Location and Number	None
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling
Speed: 1–Design, 2–Posted	Not Posted 0.05 35 MPH (2) 0.21 Not Posted
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	Major Collector
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	FAP 12 J, 1939
HPMS	

SCALE: (In Miles) 20" = 1 mile

Date Released	
Sept. 2004, D.B.	
Revised	

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

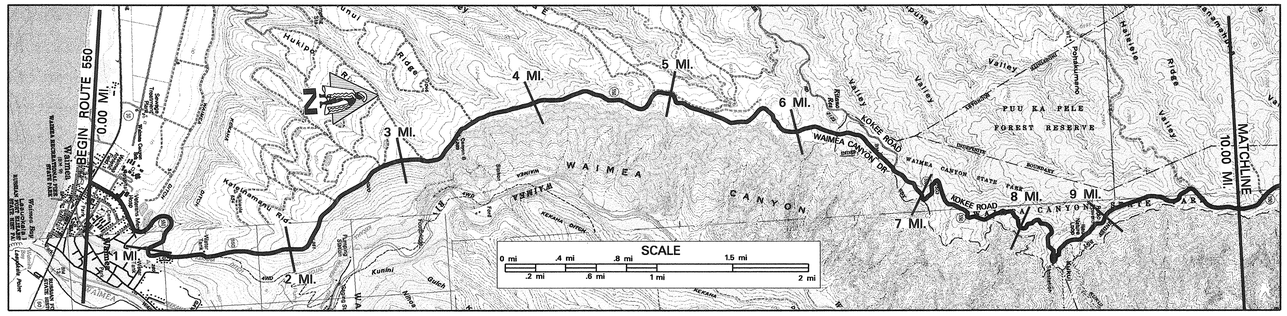
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

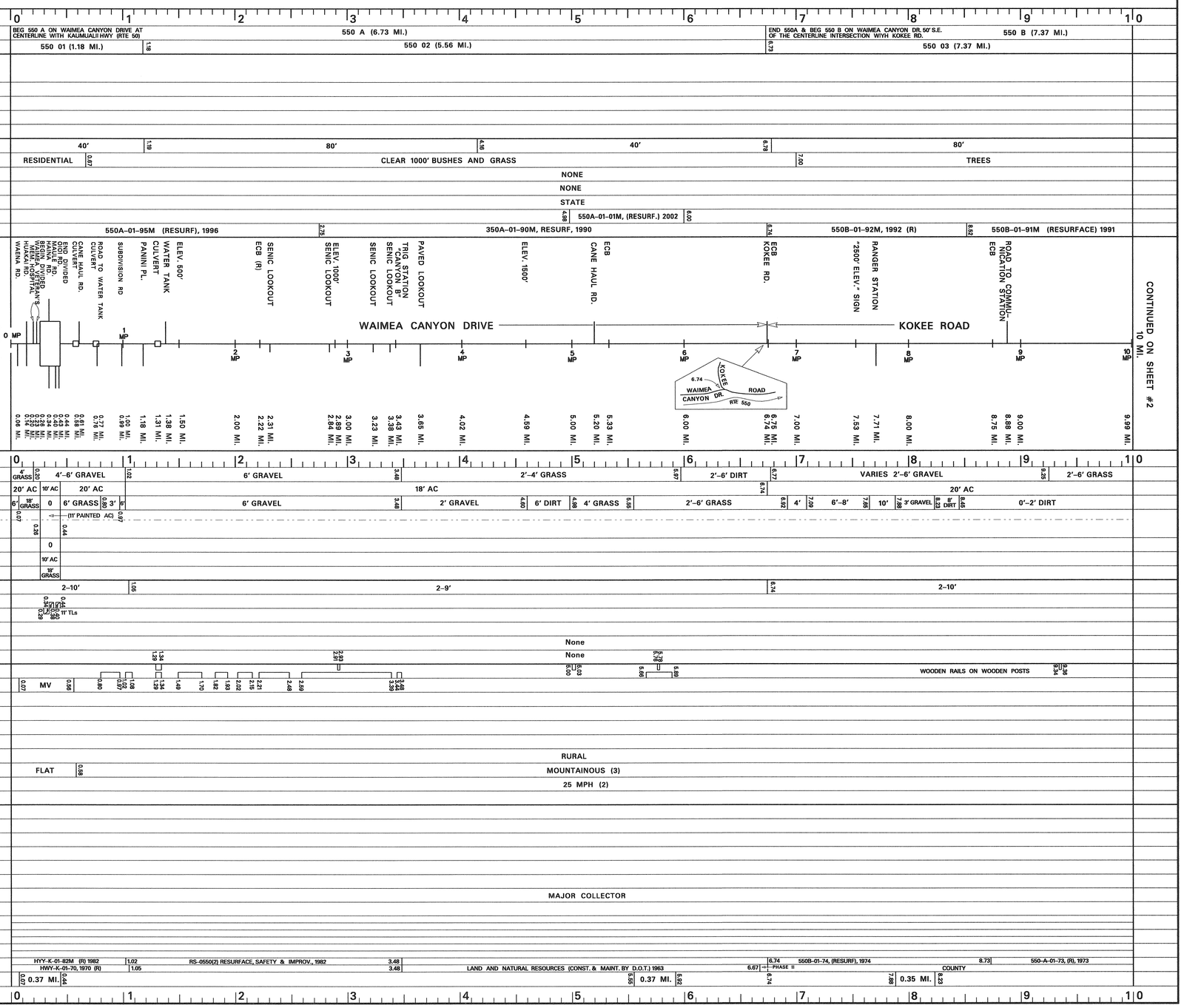
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 14.10 miles
- a. Survey Length: 14.10 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



Road Diagram
* MP = Milepost Signage



Date Released
Sept. 04, D.B.
Revised

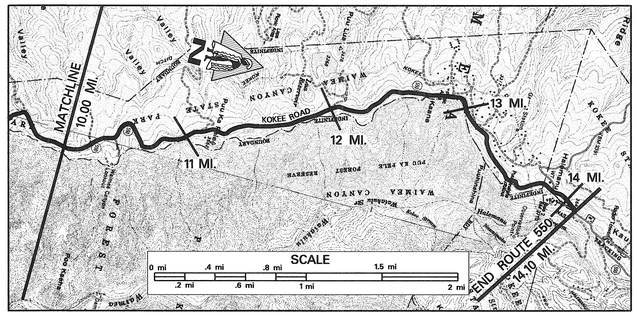
ROAD INVENTORY
KAUAI RTE 550
KOKEE ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 14.10 miles
- a. Survey Length: 14.10 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

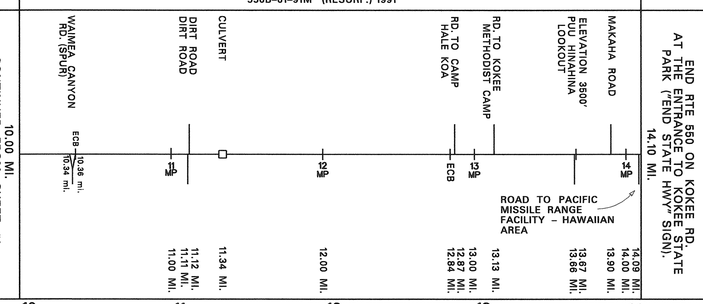


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description	550 B (7.37 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	550 03 (7.37 MI.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road – Vertical Clearance	
Structure Carrying Road – Horizontal Clearance	
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80'
Available Right of Way Width (Needs Study)	TREES – MOUNTAINS
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	
Project No., Type of Construction, and Year Constructed	550B–01–91M (RESURF.) 1991

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided – Shoulder: Width and Type	VARIES 2'–6' GRASS
Divided Highway – Undivided – Pavement: Width and Type	18' AC
Divided Highway – Undivided – Shoulder: Width and Type	0'–2' DIRT (10.28–10.97); 4'–6' GRASS (10.97); VARIES 2'–6' GRASS
Divided Highway – Median: Width and Type	
Divided Highway – Median Barriers:	
Divided Highway – Shoulder: Width and Type	
Divided Highway – Pavement: Width and Type	
Divided Highway – Shoulder: Width and Type	
Number of Traffic Lanes	2–9'
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)	
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	10.68–10.86; 11.87–11.96; 13.00–13.01
Illumination: Type, Location and Number	NONE
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted	25 MPH (2); 12.01 NOT POSTED 25 MPH
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	550A–01–73 (R) 1973; 12.10 COUNTY; 550B –01–74 (R) 1974
HPMS	10.97–14.10: 3.13 MI.

SCALE: (In Miles) 2" = 1 mile

Date Released	
Sept 04, D.B.	
Revised	

ROAD INVENTORY

KAUAI RTE 560
KUHIO HIGHWAY

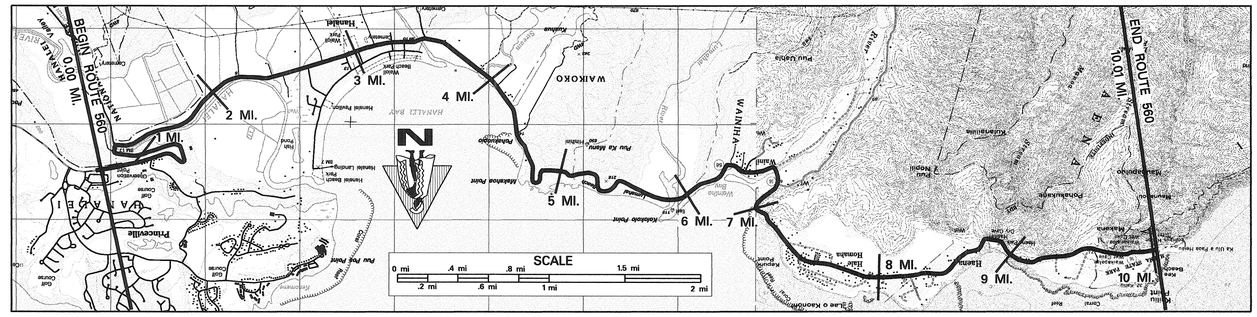
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 10.01 miles
- **a. Survey Length:** 10.01 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length: *** 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations

560 01 0.38 mi. | 560 02 (2.27 mi.) | 560 03 (0.74 mi.) | 560 04 (3.41 mi.) | 560 05 (3.21 mi.)

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

Steel Pratt Truss 1912 H–10 (113', 17') | R.C. Flat Slab 1912, H–15 (90', 13') | R.C. Flat Slab 1912, H–15 (188', 13') | R.C. Flat Slab 1913, H–10 (45', 13') | Cont. Concrete 1968 HS 20 (538', 28') | Steel Truss Deck 1969, H10 (42', 10', 78', 10', 146', 14') — Steel Truss Deck 1973, H15; Steel Truss Deck 1975, H15

Structure Carrying Road — Vertical Clearance

Structure Carrying Road — Horizontal Clearance

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

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

Available Right of Way Width (Needs Study)

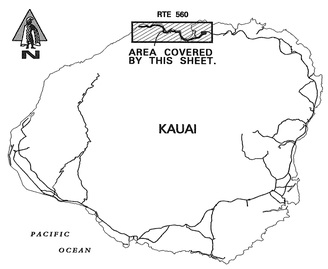
Right of Way Fence: Type – Right and Left (Footage indicates how far away from the edge of pavement the fence is.): Grass and Small Trees (Wire 10') | Residential (Wood 8', Chain Link 6', Wire 15'–25') | Trees and Brush (Wire 50') | Residential with Trees and Bushes (Wire 6', Chain Link 6', Wire 10', Wood 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

Project No., Type of Construction, and Year Constructed: 560A–02–96M, 1997 | 560A–01–96M, 1997 | 560A–01–00M, (Resurf.) 2000 | (S–0560(1), 1965) | FR–0700(22) 1983 (R) | 56D–01–85M, (Resurf.) 1985 | (56D–02–70 1970) | 560A–01–86M (R) 1986

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

BEGIN RTE 560 ON KUHIO HIGHWAY AT ROUTE MARKERS 56 & 560.

Hanalei Lookout Rd. to Stop Cnt. (0.00 mi.) | Hanalei Plantation Rd. (0.38 mi.) | End Divided Begin Divided (0.63 mi.) | Culvert (1.01 mi.) | Culvert (1.60 mi.) | Culvert (2.05 mi.) | Culvert (2.43 mi.) | Culvert (2.61 mi.) | Culvert (2.79 mi.) | Culvert (2.80 mi.) | Culvert (3.00 mi.) | Culvert (3.17 mi.) | Culvert (3.44 mi.) | Culvert (3.91 mi.) | Culvert (4.21 mi.) | Culvert (4.01 mi.) | Culvert (4.14 mi.) | Culvert (5.01 mi.) | Culvert (5.42 mi.) | Culvert (5.99 mi.) | Culvert (5.84 mi.) | Culvert (6.40 mi.) | Culvert (6.48 mi.) | Culvert (6.78 mi.) | Culvert (6.80 mi.) | Culvert (6.87 mi.) | Culvert (7.00 mi.) | Culvert (7.32 mi.) | Culvert (7.43 mi.) | Culvert (7.55 mi.) | Culvert (7.64 mi.) | Culvert (7.91 mi.) | Culvert (7.99 mi.) | Culvert (8.15 mi.) | Culvert (8.39 mi.) | Culvert (8.77 mi.) | Culvert (8.88 mi.) | Culvert (8.88 mi.) | Culvert (9.00 mi.) | Culvert (9.21 mi.) | Culvert (9.56 mi.) | Culvert (9.77 mi.) | Culvert (9.87 mi.) | Culvert (10.00 mi.)

Hanalei Lookout Rd. to Stop Cnt. | Hanalei Plantation Rd. | End Divided Begin Divided | Ohiki Road | Hanalei River Br. (ECB (R)) | Culvert | Culvert | Culvert | Culvert | Culvert | Culvert | Culvert | Culvert | Hanalei Museum Rd. | Culvert | Culvert | Culvert | Culvert | End Divided Begin Divided | Hanalei Cnt. | Hanalei Road | Alu Road | Driveway | End Divided Begin Divided | Kuhio Highway | Anae Road | Waioli Bridge | Kumu Road | Waipa Bridge | Waikoko Bridge (ECB (R)) | KUHIO HIGHWAY | Culvert (ECB (R)) | Lumahai Bridge (ECB (L)) | Culvert | Culvert | Culvert | Culvert | Culvert | Culvert | Annaalu Road | Wainiha Bridge #1 | Culvert | Culvert | Wainiha Br. #3 | Wainiha Br. #1 | Wainiha Br. #2 (ECB (R)) | Culvert | Culvert | Alamihi Road | Culvert | Culvert | Alamihi Rd. | Mikala Place | One One Road | Alealea Rd. | Heena Pl. | Culvert #2 | Wai Cave Ford Crossing (ECB (R)) | Culvert | Limahuli Stream Crossing (Heena State Park Boundry) | Parking Area | Wai Cave | ECB and End

END RTE 560 ON KUHIO HIGHWAY AT THE END OF THE PAVED HIGHWAY SECTION. 10.01 mi.

Divided Highway — Undivided — Shoulder: Width and Type: 2' AC/6' Grs. | 4'–6' AC | 0 | 6' Grs. | 0 | 8' Grs. | 0 | 2' Grass | 0 | 4' Grass | 0'–2' Grass | 0 | 0'–2' Grass

Undivided — Pavement: Width and Type: 20' AC (10' AC) | 20' AC | 20' AC | 20' AC | 18' AC | 20' AC | 24' AC (4' PCC) | 20' AC | 18' AC

Undivided — Shoulder: Width and Type: 2' AC/6' Grass | 1' AC (0') | 1' AC | 1' AC/6' Grass | 2'AC/6' Grass | 1' AC | 10' AC (2' AC) | 0 | 8' Grs. | 0 | 10' Grs. | 0 | 8' Grs. | 0'–1' AC | 4' PCC | 0 | 2'–4' Grs. | 0 | 6'–8' Grass | 2'–4' Grass | 0'–2' Grass

Divided Highway — Median: Width and Type: (0'–8' Paint) | (0'–30' Painted AC)

Median Barriers: 0.60 | 0.60 | 2.61 | 2.79 | 3.10 | 3.17

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

Pavement: Width and Type: (10' AC) | 10' AC | (10' AC)

Shoulder: Width and Type: (1' AC) | 2' AC | (10' Grass)

Number of Traffic Lanes: 2–10' | (2–9') | 2–10' | 2–9' | 2–10' | 2–12' | 2–10' | 2–9'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 8' T.L.s | 10' T.L.s

(Right Side)

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

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

Curb and/or Gutter: Type (Right and Left): (Conc. Gutter) | (Conc. Gutter) | (Conc. Curb) | (2' Conc. Curb) | (Conc. Gutter)

Protective Devices: Type, Location and Number (All Metal on Metal unless otherwise noted.): (Conc. Barrier) | (Wood) | (Wood) | (Wood on Concrete) | (Wood on Conc.)

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

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Major Collector

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

HPMS: 560A–01–90M, 1990 | HWY–K–01–82M, 1982 (R) | FR–0700(22) 1988 (Resurf.) | (LT–K–03–80M (R) 1980) | (56D–01–80, 1980 (Safety Improv. & Resurf.)) | LT–K–03–80M 1980 (R) | 56D–02–70 1970 | County | (56D–02–70 1970) | (S–0560(1) 1965) | 56D–02–70 1970 | (56D–02–70 1970) | 0.17 mi. | 0.77 mi. | 0.56 mi. | 0.30 mi. | 0.40 mi. | 0.36 mi.

SCALE: (In Miles) 2" = 1 mile

Date Released
Dec 2003, D.B.
Revised

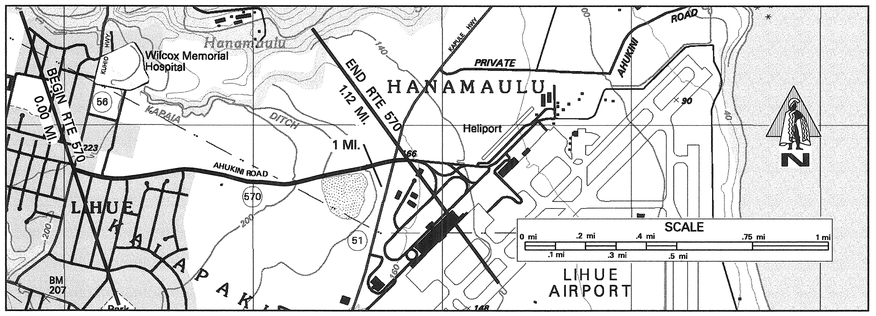
ROAD INVENTORY
KAUAI RTE 570
AHUKINI ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 1.12 miles
- **a. Survey Length:** 1.12 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length: *** 0.00 miles

*

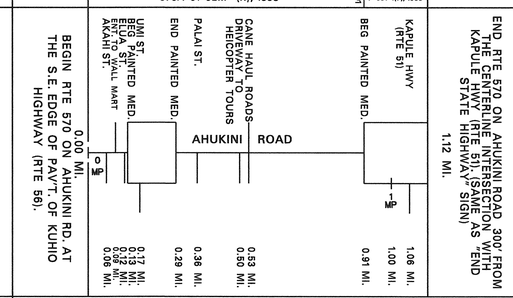


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	BEGIN 570 A ON AHUKINI RD. 30' S.E. OF CENTER-LINE INTERSECTION / KUHIO HWY. — 570 A (1.12 MI.) — END 570 A – SAME AS END RTE 570
ADT Sections; ADT; Traffic Count and Truck Weight Stations	570 01 (0.36 MI.) 0.36 — 570 02 (0.70 MI.) 1.06 — 570 03 (0.06 MI.)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	120'
Available Right of Way Width (Needs Study)	RESIDENTIAL 0.48 CLEAR 1000' – SUGAR CANE
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	0.12 HWY-K-02-98 IMPRV., 2000 0.25
Project No., Type of Construction, and Year Constructed	570A–01–92M (R), 1993 0.91 F-051-1(7), 1988

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	6' GRAVEL / 8' AC
Divided Highway – Undivided: Pavement: Width and Type	24' AC / 12' AC / 24' AC / 12' AC
Divided Highway – Undivided: Shoulder: Width and Type	0 / 0 / 6' GRAVEL / 0
Divided Highway: Median: Width and Type	0.13 / 12' PAINTED AC / 0.29 / 0.19 / 12' PAINTED AC
Divided Highway: Median Barriers:	
Divided Highway: Shoulder: Width and Type	0 / 0
Divided Highway: Pavement: Width and Type	12' AC / 12' AC
Divided Highway: Shoulder: Width and Type	4' AC 0.13 (4' AC/6' GRASS) / 8' AC
Number of Traffic Lanes	2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	0.17 12' (L) TL 0.24 / 0.57 12' 12' 1.06 12' AC T.L.
(Right Side)	0.06 12' 1.06
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	4' CONC. 0.13
Curb and/or Gutter: Type (Right and Left)	(CONC. CURB W/ 2' CONC. GUTTER)
Protective Devices: Type, Location and Number	NONE
Illumination: Type, Location and Number	MV
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	URBAN
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1)
Speed: 1–Design, 2–Posted	35 MPH (2) — 0.89 NOT POSTED 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	0.91 1.06 3 PHASE
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	PRINCIPAL ARTERIAL
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	
	S-0570 (1), 1964
HPMS	

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04, D.B.	
Revised	

ROAD INVENTORY

KAUAI RTE 580
KUAMOO ROAD

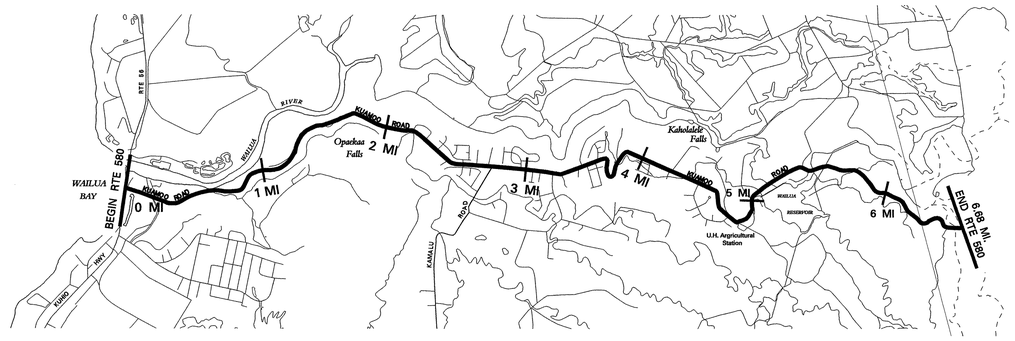
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 6.68 MILES (a+b)
- a. Existing Length: 6.68 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 6.68 MILES (a+b, less c)
- a. Existing Length: 6.68 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____

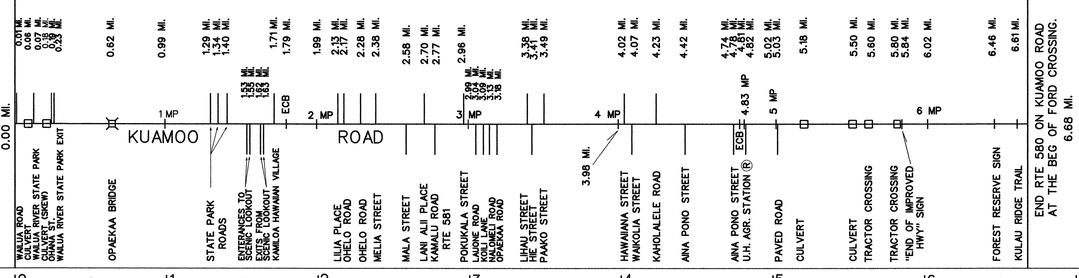


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description	BEGIN 580A ON KUAMOO RD. 25' N.W. OF THE CENTER LINE INTERSECTION OF KUHIO HWY. (RTE 56); 580 A (6.68 MI.); END 580A SAME AS END RTE 580
ADT Sections: ADT: Traffic Count and Truck Weight Stations	580 01 (1.63 MI.); 1.63; 580 02 (1.14 MI.); 2.77; 580 03 (0.72MI.); 3.49; 580 04 (2.35 MI.); 5.84
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	TEE BEAM 1936 H15
Structure Carrying Road — Vertical Clearance	53'
Structure Carrying Road — Horizontal Clearance	
Structure Over Road — Vertical Clearance	24'
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.-max.) if varies	VARIES 40'-46'
Available Right of Way Width (Needs Study)	40'; 40'; 28'; 23'; 80'; 40'-60'
Right of Way Fence: Type - Right and Left	W/W 20'EP; WOOD; WIRE ON WOOD 15'EP; W/W
Control of Access: 1-None, 2-Partial, 3-Full	STATE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	
Project No. and Type of Construction	580A-01-01, (R) 2002
Year Project Constructed	STP-0700(38), 1998; 580A-01-88M (R) 1988; 580A-01-99M, (R) 2000

Road Diagram

• MP=Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type	4' AC; 4' - 6' AC; 24'; 6' - 12' GRS; 2' - 4' GRS
Divided Highway — Undivided — Pavement: Width and Type	22' AC; 20' AC; 18' AC; 16' AC; 14' AC
Divided Highway — Undivided — Shoulder: Width and Type	4' AC; 6" AC; 4' AC; 4' - 6' AC; 6' - 12' GRS; 2' - 4' GRS
Divided Highway — Median: Width and Type	
Divided Highway — Shoulder: Width and Type	
Divided Highway — Pavement: Width and Type	
Divided Highway — Shoulder: Width and Type	
Number of Traffic Lanes	2 - 11'; 2 - 10'; 2 - 9'; 2 - 8'; 2 - 7'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left)	2' AC GUTTER
Protective Devices: Type, Location and Number ALL METAL ON METAL GUARDRAILS	ROCK WALL
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	FLAT; MOUNTAINOUS; ROLLING
Speed: 1-Design, 2-Posted	35 MPH NOT POSTED; 35 MPH; 25 MPH
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD-	
Minimum Stopping SSD-	
Pavement Striping: No Passing Zones	
Capacity: Service Volume-E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR; MINOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	580A-01-93M, (RESURFACE) 1994
	RS-0850(2), (RESURFACE AND IMPROVEMENTS), 1980; 580A-01-88M(R), 1988; COUNTY; MAINTAINED BY STATE
	580A-01-70(R), 1971
	A-580-01-64 PHASE 2 1964; A-580-01-64 PHASE 1, 1963; WRDC-15(1), 1947; COUNTY
HPMS	

SCALE: (In Miles) 2" = 1 mile

Date Released	
March 95	
Revised	
Pat Tom	3-95
Pat Tom	6-95
JK	4-96
JK	5-97

21

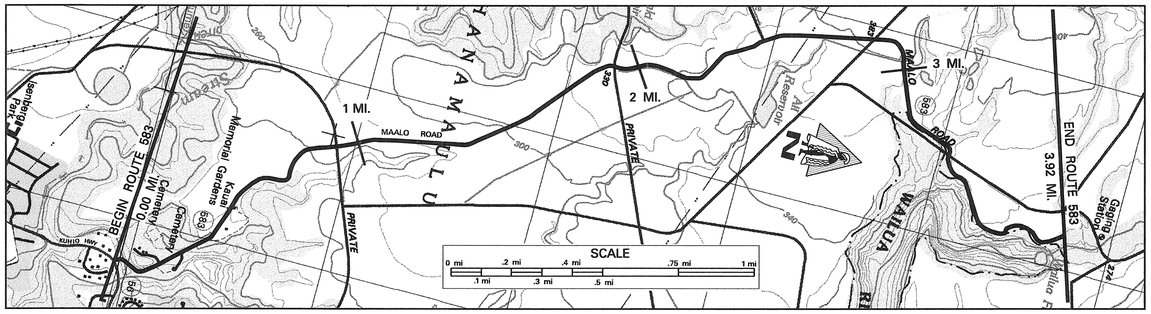
21

ROAD INVENTORY
KAUAI RTE 583
MAALO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

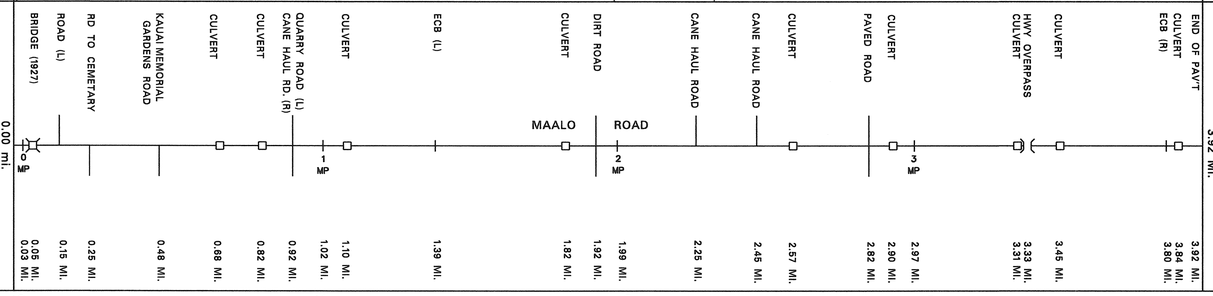
Total Route Length: 3.92 miles
a. Survey Length: 3.92 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*



SCALE: (In Miles) 4" = 1 mile	0 1 2 3 4 5
Maintenance Control Sections : Length and Description	BEGIN 583A – ON MAALO ROAD 18' N.W. OF KUHIO HIGHWAY (RTE 56). 583A = 3.94 MI. (EXISTING) END 583A – SAME AS ROUTE END 3.92
ADT Sections; ADT; Traffic Count and Truck Weight Stations	583 01 (3.94 MI.)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60'
Available Right of Way Width (Needs Study)	CLR 1000' SUGAR CANE 20' FROM EDGE OF PAVEMENT
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	(583A-01-71, 1971) 0.01
Project No., Type of Construction, and Year Constructed	583–01–95M (RESURFACE) 1996 1.98 HWY–K–01–70, 1970 2.31 583A–01–71, 1971

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile	0 1 2 3 4 5
Divided Highway – Undivided: Shoulder: Width and Type GRASS	2' 0.10 6' 0.46 2'–4' 1.90 6' 2.28 0' 2.36 4' 3.03 8' 3.13 4'–6' 3.62 4' 3.79 2'
Divided Highway – Undivided: Pavement: Width and Type	20' AC 1.98 10'–15' AC
Divided Highway – Undivided: Shoulder: Width and Type GRASS	2'–4' 0.10 6'–8' 0.98 4'–6' 2.24 3' 2.34 6' 2.84 2'–4' 3.16 8' 3.43 6'
Divided Highway – Divided: Median: Width and Type	
Divided Highway – Divided: Median Barriers:	
Divided Highway – Divided: Shoulder: Width and Type	
Divided Highway – Divided: Pavement: Width and Type	
Divided Highway – Divided: Shoulder: Width and Type	
Number of Traffic Lanes	2–10' 1.98 2–(5'–7.5')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	PARKING APRONS (R) 3.63 3.69 3.91 3.80
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	3.42 3.72 3.78 3.97
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	URBAN 1.00 RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING
Speed: 1–Design, 2–Posted	25 MPH (2) 1.00 NOT POSTED 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	
HPMS	PHASE II 583A–01–71, 1971 0.50 HWY–K–01–70 (PHASE II), 1970 1.00 0.36 MI. 1.36 2.30 583A–01–71, 1971 0.48 MI. 2.84
SCALE: (In Miles) 4" = 1 mile	0 1 2 3 4 5

Date Released
Oct. 04, D.B.
Revised