STATE ROUTE SYSTEM

CITY & COUNTY OF HONOLULU

ISLAND OF OAHU

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

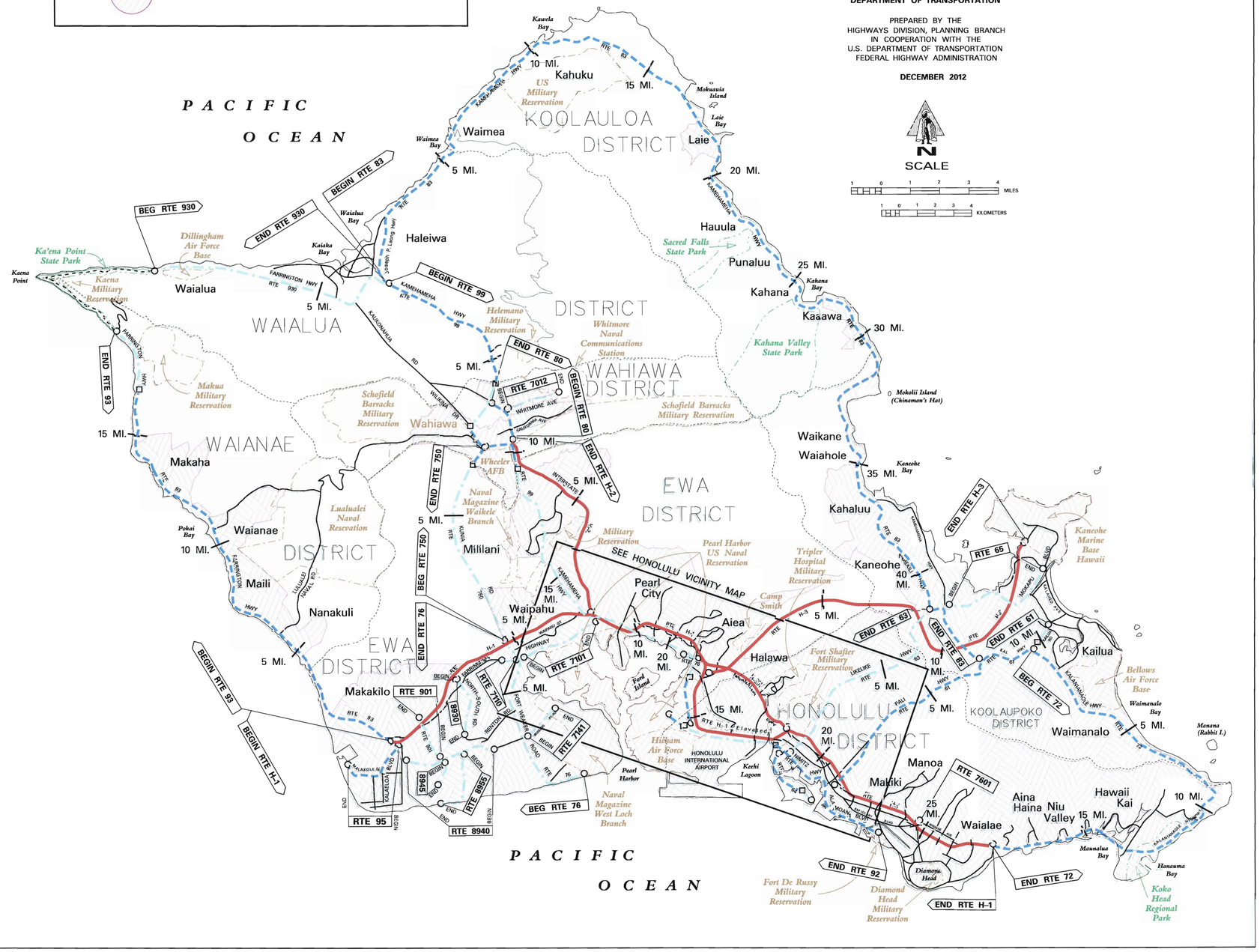
DECEMBER 2012

OAHU:

ROUTE	LENGTH	(MILES)
H–1	27.16	(Queen Lili'uokalani Freeway, Lunalilo Freeway)
H–2	8.33	(Veterans Memorial Freeway)
H–3	15.32	(John A. Burns Freeway)
H–201	4.09	(Moanalua Freeway)
SUBTOTAL	**54.90**	(Interstate)
61	10.60	(Pali Hwy, Kalanianaole Hwy., Kailua Rd.)
63	8.28	(Kalihi St., Likelike Hwy.)
64	2.60	(Sand Island Pkwy. and Access Rd.)
65	4.15	(Kaneohe Bay Dr., Mokapu Saddle Rd., Mokapu Blvd.)
72	18.44	(Kalanianaole Hwy.)
76	6.64	(Fort Weaver Road, Kunia Rd.)
78	0.74	(Moanalua Freeway)
80	1.88	(Kamehameha Highway)
83	43.92	(Kam. Hwy., Kahekili Hwy., Likelike Hwy.)
92	9.26	(Nimitz Hwy., Ala Moana Blvd.)
93	19.53	(Farrington Hwy.)
95	2.68	(Kalaeloa Blvd., Malakole St.)
98	1.76	(Vineyard Blvd.)
99	23.83	(Kam. Hwy., Kamananui Rd., Wilikina Dr., Farrington Hwy.)
750	8.05	(Kunia Road)
901	1.38	(Fort Barrette Road)
930	7.92	(Farrington Hwy., Kaukonahua Rd.)
7012	1.87	(Whitmore Ave.)
7101	3.00	(Farrington Hwy.)
7110	0.60	(Farrington Hwy.)
7141	1.51	(Iroquois Rd.)
7239	0.32	(Ulune St., Halawa Valley Rd.)
7241	2.32	(Kahuapaani St., Halawa Hts. Rd.)
7310	1.03	(Puuloa Rd.)
7345	0.55	(Jarrett White Rd.)
7350	0.59	(Bougainville Dr.)
7351	0.23	(Radford Dr.)
7401	0.10	(Kam Hwy.)
7413	0.35	(Liliha St.)
7415	0.51	(Middle St.)
7601	0.41	(Old Waialae Rd.)
8930	2.47	(North–South Road)
8940	3.44	(Franklin D. Roosevelt Ave.)
8945	0.98	(Enterprise Ave.)
8955	2.69	(Coral Sea Rd.)
SUBTOTAL	**194.63**	(State Routes only)
TOTAL	**249.53**	(State & Interstate)
7414	0.41	(Middle St. – NHS Section of County Route)
74140	0.12	(Notley – NHS Local Rd.)
SUBTOTAL	0.53	(County NHS)

LEGEND

- INTERSTATE
- STATE (NHS)
- STATE (Non–NHS)
- COUNTY (NHS)
- PROPOSED
- ○ Route termini point
- □ NHS to non–NHS transition point
- URBAN AREAS



Date Released
Dec 2002, JK

Revised	
Apr 04	DB
March 07	DB
Jul 09	DB
Aug 10	DB
Jul 12	DB
Sept 12	DB

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

1

STATE ROUTE SYSTEM

HONOLULU VICINITY
ISLAND OF OAHU

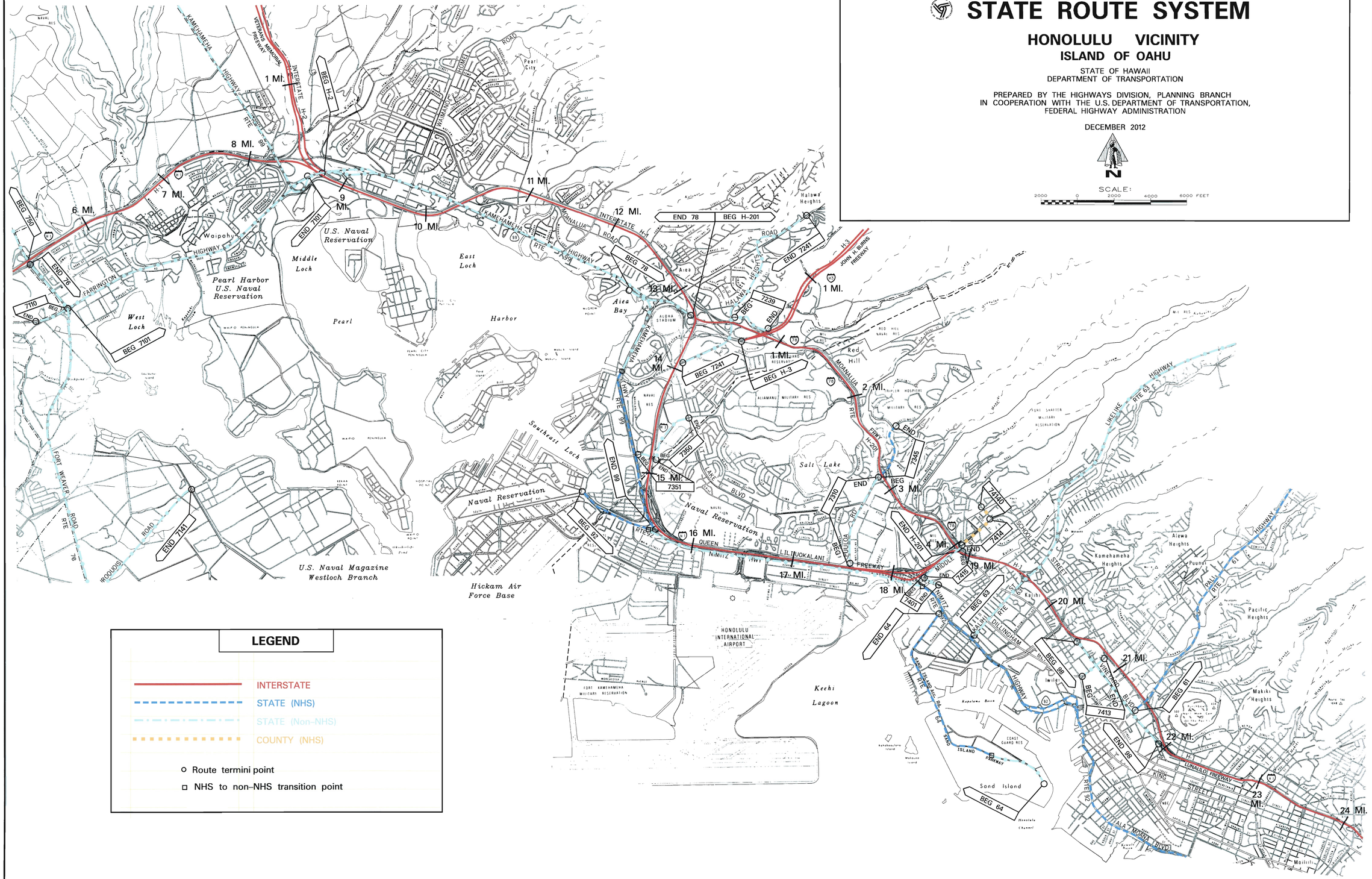
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

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

DECEMBER 2012

N

SCALE:
2000 0 2000 4000 6000 FEET



LEGEND

- INTERSTATE
- STATE (NHS)
- STATE (Non-NHS)
- COUNTY (NHS)
- ○ Route termini point
- □ NHS to non-NHS transition point

Date Released
Dec. 2002, JK

Revised	
Apr. 04	DB
Dec. 05	DB
Aug. 10	DB
Feb. 12	DB
Sept. 12	DB

2

ROAD INVENTORY

OAHU RTE H–1

QUEEN LILI'UOKALANI FREEWAY

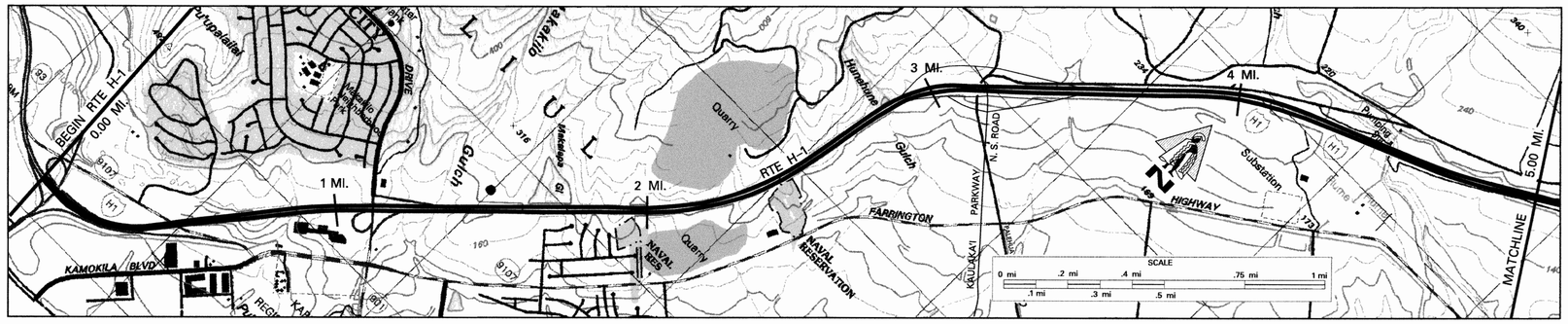
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	27.16	MILES (a+b)
a. Existing Length:	27.16	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	27.16	MILES (a+b, less c)
a. Existing Length:	27.16	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

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

Begin H1-A on Farrington Hwy .322' W. of ℄ intersection of Kalaeloa Blvd. — H–1 A (5.10mi.)

Structure Carrying Road

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

TBM 1966 0.05 | CBG 1966 0.40 | CBG 1981 1.12 | Culvert 28' 1966 1.31 | Slab, HS-20-44 1966/87 35' 3.18 | Culvert, HS-20 1966 27' 3.45 | P/CB, HS-20-44 1966/87 137' 4.61

Vertical Clearance

99'–3" | 52' O.B. 52' I.B. | 99' | 52' O.B. 52' I.B.

Horizontal Clearance

Structure Over Ramp

Vertical Clearance

18' | 17' 07" | 18'

Horizontal Clearance

41' | 53' | 58'

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

220' | 80' 0.40–0.51 | 180'–270' 1.28 | 250'–350' 2.00 | 190'–280'

Available Right of Way Width (Needs Study)

1000' Bushes

Right of Way Fence: Type – Right and Left

Chain Link Fence 0.00–0.40 | Chain Link Fence 1.00–1.28 | Chain Link Fence 50'–100' from E.P. | Chain Link Fence 50'–100' from E.P.

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

Full

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

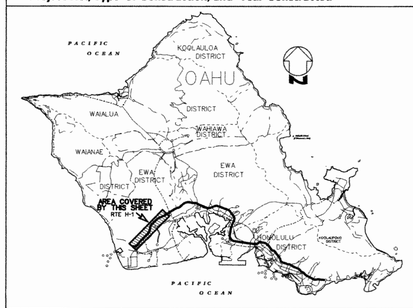
State

Project No., Type of Construction, and Year Constructed (93A-01-06M, 2012, PREVENTIVE MAINTENANCE)

46+00 — IM-NH-H1(239), 2004 0.10 RECONSTRUCTION 0.44 | (H1A-01-02M, 2004 Rehab) 1.08–1.58 | IM-H1-1(219) 2000 4.79

Project No., Type of Construction, and Year Constructed (93A-01-96M, 1997, Resurf.) 0.05

IR-H1-1(189), Additional Lanes



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEG. RTE H-1 ON FARRINGTON HWY. .322' WEST OF ℄ PALAILAI INTERCHANGE (SAME AS BEG. RTE 93)

Off-Ramp to Kapolei Kalaeloa Blvd. O.P. 0.01 mi. | Off-Ramp to Barbers Point Exit 1 0.06 mi. | ECB 0.10 mi. | Ferr. Hwy.O.P. On-Ramp from Barbers Point 0.24 mi. | Off-Ramp 0.28 mi. | On-Ramp 0.42 mi. | On-Ramp from Makakilo 0.49 mi. | ECB (R) 0.54 mi. | ECB 0.58 mi. | Makakilo Dr. O.P. (RTE 901) 0.68 mi. | ECB (R) 0.93 mi. | Off-Ramp to Makakilo Exit 2 1.05 mi. | ECB 1.12 mi. | On-Ramp from Fort Barrette Road 1.27 mi. | On-Ramp "MB" from Makakilo 1.28 mi. | ECB 1.31 mi. | ECB 1.46 mi. | ECB 1.61 mi. | ECB 1.84 mi. | ECB 2.00 mi. | 2MP & ECB (R) 2.36 mi. | ECB (R) 2.48 mi. | ECB 2.70 mi. | 3MP 3.00 mi. | ECB 2.86 mi. | 3MP (End) 3.21 mi. (Beg.) 3.18 mi. | N–S Road Sep. Palehua Sep. U.P. ECB (R) 3.35 mi. | Off-Ramp to Kualakai Pkwy. (Exit 3) 3.45 mi. | Culvert Telem. Sta. C10K 3.43 mi. | On-Ramp from Kualakai Pkwy. 3.53 mi. | Culvert 3.88 mi. | 4MP 4.02 mi. | ECB 4.19 mi. | Honouliuli Stream Br. ECB (R) 4.43 mi. | ECB 4.51 mi. | On-Ramp from Kunia ECB 4.82 mi. 4.86 mi.

QUEEN LILI'UOKALANI FREEWAY — RTE H–1

CONT. ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway Undivided

Shoulder: Width and Type

6'–10' AC | 6'–10' AC/ 6' PCC

Pavement: Width and Type

24' AC 0.05 | 36' PCC

Shoulder: Width and Type

4'–6' AC 0.43 | 8'–12' AC

Median: Width and Type

4" Grs. 0.28 | 15'–16' Sloped Grass (R) 0.96 | 8'–16' Grass (R)

Median Barrier LEGEND: Concrete Barrier ——— Zipper Barrier - - - - - M/M Guard Rails ⊢⊣

0.88 | 0.96–1.34

Shoulder: Width and Type

2'–4' AC

Pavement: Width and Type

24' AC 0.10 | 24' PCC 0.42 | 36' PCC | 34' PCC/ 2' AC (median side) 3.00 | 36' PCC | 34' PCC/ 2'AC(med. side) 4.36 | 36' PCC

Shoulder: Width and Type

4' AC/ 4' Grs. 0.10–0.81 | 10' AC/ 4'–30' Grass | 10' AC | 0'–8' PCC/ 6' AC 3.58 | 8'–10' AC/ 6'–8' Grass 3.90 | 8'–10' AC | 0'–4' PCC/ 4' AC 4.65 | 8'–10 AC

Number of Traffic Lanes

2–12' | 2–12' | 3–12' | 3–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A = ACCEL. D = DECEL. M = MERGE

M 0.05–0.10 | 1-A 0.24–0.28 | 0.42–0.58 | (2 – 15' DECEL.) 0.93–1.29 | .37 1 – 15' DECEL. 1.29–1.72 | 1-A 2.79–2.88 | 1-A 3.54–3.59 | 1-12' Accel. 4.79–5.09

(Right Side) A = ACCEL. D = DECEL. M = MERGE

1-D 0.05–0.10 | A 0.65–0.88 | 1 – 15' ACCEL. 1.26–1.41 | 1 – 15' ACCEL. 1.46–1.61 | 1-D 2.78–2.80 | 1-A 3.53–3.65

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 LEGEND: 1=concrete barrier 2=concrete wall, 3=metal w/ metal rail

Crash Barrier 3 | High Pressure Sodium Lamps 0.43–0.48 | 200 HPS Lamps (High Pressure Sodium) 0.81–4.55 | Conc. 4.79 | (High Pressure Sodium Lamps) 4.89–4.93

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Zipper Lane/Express Lane

Grades: % Grade, Positive or Negative

HOV Lanes/Contra-Flow Lanes

Area and Development:

Urbanized–Large (39889)

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

Rolling (2)

Speed: 1–Design, 2–Posted

(Not Posted) 0.10 | 55 MPH ② 0.51–0.58 | 60 MPH ② | 55 MPH (MIN 45) ② 4.66 | 55 MPH ② 4.84

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2011

(35,381) | 40,188 | 49,855 | 84,600 3.82 | 123,184

HPMS Sections – AADT 2010

(41,024) | 39,794 | 49,366 | 82,600 | 121,977

HPMS Sections – AADT 2009

(41,606) 0.10 | 39,400 0.42 | 48,887 1.25–1.31 | 104,700 | 120,769

DOD Sections

DOD 105 0.49 | DOD 106 | DOD 110

Census Tracts

Functional Classification

Interstate (1)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

I–H1–1(20), 1967 0.10 | I–H1–1(17) Unit 1, 1967 1.34 | I–H1–1(108) Safety Imprv., 1976 | I–H1–1(17) Unit 2, 1966 3.00 | I–H1–1(18) Unit 1, 1966 4.66 | I–H1–1(18)Unit 3, 1966

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
November 2000

Revised	
May 02	D.B.
Aug. 04	D.B.
6/06	D.B.
Feb 09	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.

ROAD INVENTORY

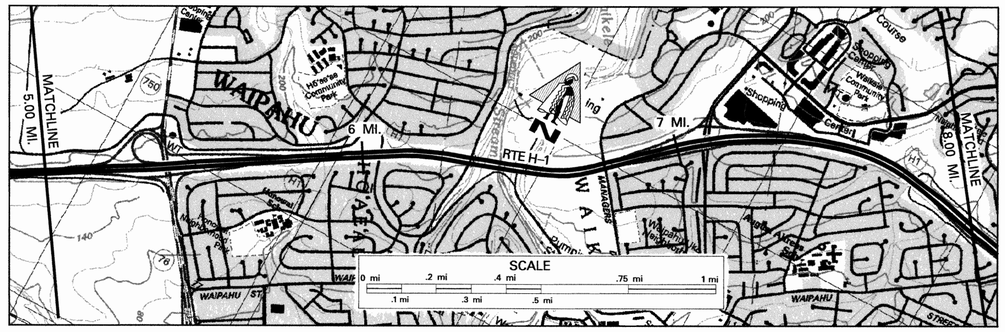
OAHU RTE H–1
QUEEN LILI'UOKALANI FREEWAY

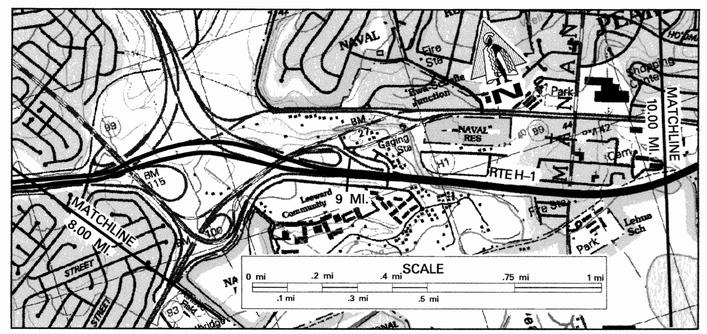
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
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FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	27.16	MILES (a+b)
a. Existing Length:	27.16	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	27.16	MILES (a+b, less c)
a. Existing Length:	27.16	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

End H1-A, Beg H1-B 0.27 mi. West of West End of Kunia U.P. | H1-B (0.44 mi) | End H1-B and beg. H1-C 0.17 mi. east of east end of Kunia sep. | H1–C (2.52 mi) | End H1-C and beg. H1-D 0.11 mi. west of west end of Waipahu St. O.P. | H1–D (1.13 mi.) | End H1-D and beg. H1-E 0.07 mi. east of east end of Waiawa Rd. structure

Structure Carrying Road

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

P/CB HS–20 1967 | P/CB HS–20 1967 | CBG 1967 | P/CB HS–20 1968 876' LB. 832' O.B. | CBG 1968 | TBM HS–20 200' | P/CB HS–20 1968 158' | CBG 1968 | CBG 1968 | OF HS–20 1970 | CBG 1971 | CBG 1969 | CBG 1969 | CBG 1969 | PLCB HS–20 1969 5946'

Vertical Clearance

164' | 104' | | | | | | | | | | | | | |

Horizontal Clearance

62' O.B. 50' I.B. | 62' | 63' | | | 69' | 69' | | 58' | | | | | 99' |

Shelter Over Road

Vertical Clearance

18' | 18' | | | | | | | | | | |

Horizontal Clearance

65' | 76' | | | | | | 18' | 18' | 18' | 18' | 18' | 16'–9" | |

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

190' – 280' | 210' – 365' | 69' | 99' | 58' | 32' | 31' | 73' | 170' – 300'

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left (Chain Link 50'–100' from E.P.)

1000' Bushes | Chain Link | Chain Link / Chain Link | 0' Residential | Chain Link / Chain Link

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

Full | State

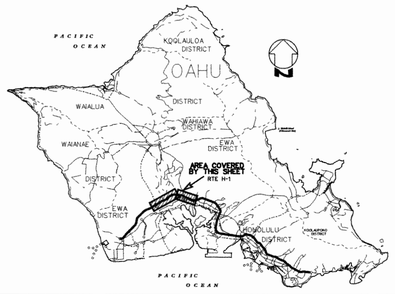
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

IR–H1–1(181) Resurf. 1986 | IM–H1–1(256), Resurface, 2008

Project No., Type of Construction, and Year Constructed

I–H1–1(108) Safety Imprv. 1976 | IR–H1–1(181) Resurf. 1986 | H1EFG–01–96, Contraflow and Shldr. Lane, 1998



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

Continued from Sheet #1

Off-Ramp to Ft. Weaver Rd. & Kunia Rd. | Kunia Sep. U.P. (RTES 76 & 750) Off-Ramp to Ft. Weaver Rd. Exit 8A | On-Ramp from Kunia and Ft. Weaver Rd. | Off-Ramp to Kunia (L) Exit 8B | Hoaeae Sep. U.P. | Waikele Stream Br. Military Acc. Rd. O.P. | Zipper Crossover Ln. | Zipper Crossover Ln. | Manager's Dr. O.P. | On-Ramp from Waikele | Telemetry Loops | Paiwa St. U.P. | Off-Ramp to Waikele 7.40 mi. | Zipper Crossover Ln. | Structure #451 U.P. | Zipper Crossover Ln. | Zipper Crossover Ln. | On-Ramp Waipahu St. O.P. | Off-Ramp U.P. Kam Hwy O.P.s (FAP 99) (To U.P.) | Off-Ramp U.P. | On-Ramp from Pearl City | H-2 O.P. | Off-Ramp O.P. Farr Hwy. O.P.s | On-Ramp from Waipahu Zip Lane from H-2 Exit 8A | Off-Ramp to Waiawa Rd O.P. | Beg Viaduct Off-Ramp to Waipahu Exit 8B | Hugh St. | Lehua Ave

QUEEN LILI'UOKALANI FREEWAY | RTE H–1

Exit 5 5.10 mi. | 5.15 | 5.37 mi. | 5.58 | 5.63 mi. | 5.73 | 6.05 mi. | 6.11 mi. | 6.20 mi. | 6.35 mi. 6.34 mi. | 6.55 mi. 6.51 mi. | 6.63 mi. | 6.69 mi. | 6.77 mi. | Exit 7 6.78 mi. | 6.86 mi. | 6.96 mi. 6.95 mi. | 7.08 mi. | 7.15 mi. | 7.34 mi. | 7.49 mi. | 7.56 mi. | 7.76 mi. | Exit 8A 7.87 mi. | 7.97 mi. | 8.11 mi. | Exit 8B 8.17 mi. 8.22 mi. | Exit 8C 8.31 mi. 8.34 mi. | 8.40 mi. | 8.50 mi. | 8.58 mi. 8.59 mi. | 8.68 mi. | 8.75 mi. 8.77 mi. | 8.81 mi. 8.87 mi. | 8.93 mi. | 9.13 mi. 9.17 mi. 9.20 mi. 9.21 mi. | 9.59 mi. | 9.70 mi.

Continued on Sheet #3

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

6'–8" AC | 8' PCC | 10' AC | 8'–10' AC | 10' PCC

Pavement: Width and Type

36' PCC | (48' PCC) | 48' AC | 48' PCC | 48' AC | 33' AC | 55' AC | 55' PCC

Shoulder: Width and Type

4'–12' AC | 4' PCC | 6'–10' AC | 4'–8' AC | 4' PCC

Median: Width and Type

12"–14" Sloped Grass | 4'–20' Grass & Shrubs | 3'–12' Grass & Shrubs | 15'–6' Grass & Shrubs | 2' (2" Zip Blocks) | 10' Grass & Shrubs | 8' Grass & Shrubs | 6'–2' Grass & Shrubs | 2'–10' Grass & Shrubs | 55'–100' Sloped, Grass & 100' Av. | 12'–6' Grass | 2' Concrete Barrier / 2" Zipper Barrier

Median Barriers: LEGEND: Concrete Barrier ——— Zipper Barrier - - - - M/M Guard Rails |—|

Shoulder: Width and Type

2'–6' AC | 2' PCC | 10' AC | 6'–8' AC w/ PCC, 10' Grass, Shrubs | 2'–4' AC | 1'–2' PCC

Pavement: Width and Type

36' PCC | 36' AC | 48' AC | 48' PCC | 48' AC | 36' AC | 55' AC | 55' PCC

Shoulder: Width and Type

8'–10' AC | 0'–15' PCC | 15'–0' AC | 10' AC | 10' AC (Shld. Ln.) | 10' PCC (Shld. Ln.) | 8'–10' AC (Shld. Ln.) | 8'–10' AC | 6' AC | 10' AC / 2'–20' Grs | 6'–8' AC | 10'–12' AC (Shld. Ln.) | 10' PCC (Shld. Ln)

Number of Traffic Lanes

3–12' | 4–12' | 3–11' | 5–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A = ACCEL. D = DECEL. M = MERGE

1-12' Decel | 1 – Accel | 1-D | 1-A | 2-12' Decel | 1-12' Accel

(Right Side) A = ACCEL. D = DECEL. M = MERGE

3 – Accel | 2 – Accel | 1 – Accel | 1-Decel | 1 – Accel | 1-14' Decel | 1-(24'-12') M | 1-D | 1-12' Accel

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 | Conc | Conc | Conc

Protective Devices: Type, Location and Number LEGEND: 1 = conc. barrier, 2 = conc. wall, 3 = metal w/ metal rail, 4 = conc. w/ metal rail

Illumination: Type, Location and Number

High Pressure Sodium Lamps | HPS (Median, 48) | High Pressure Sodium Lamps

Curves: Degree of Curvature (Right and Left)

Zipper Lane/Express Lane

(Zipper Lane/Express Lane: Buses and 3 Rider Car Pools, 6 – 8 AM, Monday – Friday)

Shoulder Lanes

10'–12' AC w/ PCC, 5AM–8AM | 10'–12' AC [HOV Lane near median (2 or more occupants)] | HOV Lane near median (2 or more occupants)

HOV Lanes/Contra–Flow Lanes

Area and Development:

Urbanized–Large (39889)

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

Rolling (2)

Speed: 1–Design, 2–Posted

55 MPH (MIN 45) ② 55 MPH ② | 55 MPH (MIN 45) ② | 55 MPH (MIN 45) ② 55 MPH ② | 55 MPH ② | 55 MPH ② 55 MPH (MIN 45) ② | 55 MPH (MIN 45) ② 55 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2011

123,184 | 117,534 | 157,200 | 152,400 | 108,763 | 138,108 | 107,500 | 216,892 | 236,436 | 221,058

HPMS Sections – AADT 2010

121,977 | 116,381 | 170,847 | 154,025 | 108,100 | 136,754 | 99,081 | 214,726 | 234,118 | 218,891

HPMS Sections – AADT 2009

120,769 | 115,229 | 169,155 | 152,500 | 147,900 | 135,400 | 98,100 | 212,600 | 321,800 | 216,724

DOD Sections

DOD 110 | DOD 115 | DOD 120

Census Tracts

Functional Classification

Interstate (1)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

IM–H1–1(224) (R) 1986 | H1–EG–01–95M (R) 1995

H1E–01–94M Shldr Imprv 1994

IR–H1–1(206), Ph. 2 & IR–H1–1(193) Additional Lanes 1987/88

IR–H1–1(181) Resurf. 1986

IR–H1–1(212) Hwy Lighting 1994

IR–H1–1(167) Resurf. 1982

I–H1–1(108) Safety Imprv. 1976 | I–H1–1(18) U–2 1966) | I–H1–1(18) U–2 1966 | I–H1–1(168) U–3 1966 | I–H1–1(32):5 Unit 1 1969 | I–H1–1(32):5 U–2 1969 | I–H1–1(32):5 Unit 3 1969 | I–H1–1(33):9 I–H1–1(44):8(1969) | I–H1–1(69):8 1971 | I–H1–1(47):9 1970 | I–H1–1(14):8 I–H1–1(48):9(1970) | I–H1–1(37):9 1969 | I–H1–1(42):10 1970 | I–H1–1(43):10 1970

SCALE: (In Miles) 4" = 1 mile

Date Released
November 2000
Revised
May 02 D.B.
Sept. 02 J.K.
Aug 04 D.B.
6/06 D.B.
Feb 09 D.B.
Aug 10 D.B.
Jan. 11 D.B.
Feb. 12 D.B.
Sept. 12 D.B.

ROAD INVENTORY

OAHU RTE H–1
QUEEN LILI'UOKALANI FREEWAY

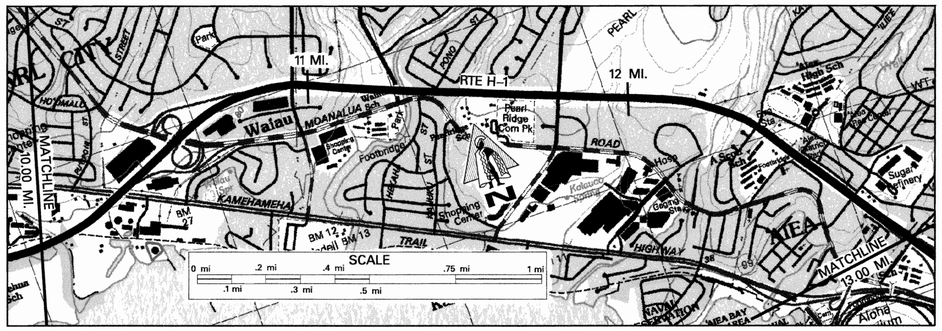
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

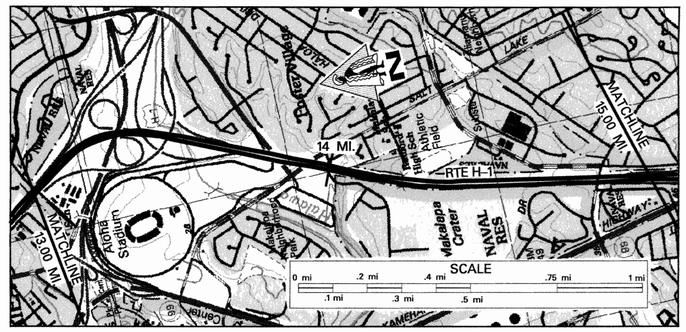
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	27.16	MILES (a+b)
a. Existing Length:	27.16	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	27.16	MILES (a+b, less c)
a. Existing Length:	27.16	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 _____




14 Mi.
15 Mi.
RTE H–1
MATCHLINE
13.00 MI.
15.00 MI.
Waikapu
Valley
Wahiawa
Waiehu
Kahului
Wailuku
Kahului Airport
Kahului Harbor
Maui Community College
Kahului Beach Park
Waiehu Golf Course
Waiehu Beach Park
Waiehu Municipal Golf Course
Waiehu Kou
Iao Valley
Iao Stream
Iao Valley State Park
Iao Valley Rd.
Kuihelani Hwy.
Waikapu Valley Rd.
Waikapu Stream
Waikapu Country Town
Honoapiilani Hwy.
Maui Tropical Plantation
Waikapu Stream Park
Waikapu Stream Rec. Area
Waikapu Stream Bridge
Waikapu Stream Bridge
Waikapu Stream Bridge

ROAD INVENTORY
OAHU RTE H–1
QUEEN LILI'UOKALANI FREEWAY, LUNALILO FREEWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

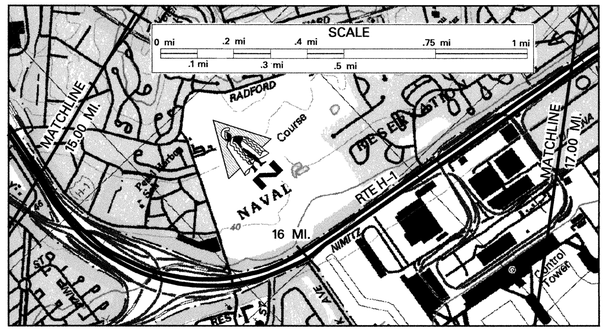
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

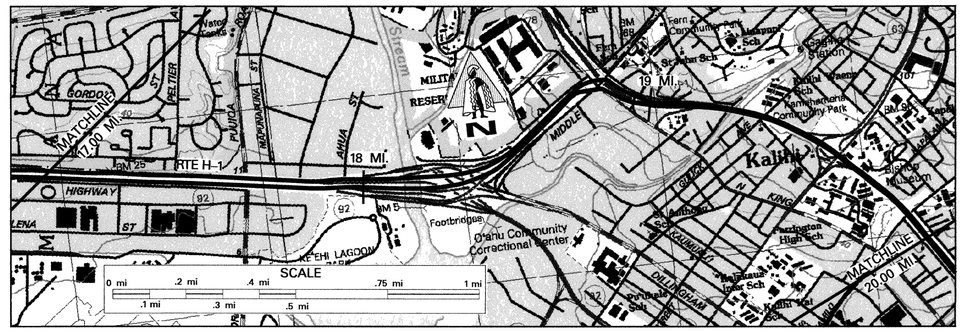
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	27.16	MILES (a+b)
a. Existing Length:	27.16	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	27.16	MILES (a+b, less c)
a. Existing Length:	27.16	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

H1–G (3.51 mi) | H1–H (1.73 mi) | End H1-H Beg. H1-I at East End of Kahauiki IC (West End of Kalihi Str. Br.) | H1–I (5.23 mi)

Structure Carrying Road

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

Prestressed Conc. HS-20 — 85' | 80' | 43' — 10287' — Prestressed Conc. HS-20 – 44 — Ramp O.P. — Ramp O.P.

Slab HS 20, 1962 Tunnel 1964, 393' — CBG 1964 HS 20 — Slab HS-20 1961 — CBG HS–20 1962 — Slab HS–20 1959 — Slab 1959 — Conc. Box Grdr. 1964

Vertical Clearance

15.22 — 18' — 72' Outb. 72' Inb. — 15.73 — 18' Outb. 18' Inb. 72' Outb. 72' Inb. — 16.50 — 16.75 — 19' Outb. 18' Inb. 72' Inb. — 16.80 — ? — 18.97 — 135' — 14.27 — 19.39 — 19.55 — 19.65 — 19.92

Horizontal Clearance

188' — 15.51 — 17' — 17' — 15.82 — 188' — 188' — 15.82

Structure Over Road

Vertical Clearance

17' — 16'–08" — 16'–03" — 18' — 43' — 42' — 27' — 16'–9" — 15'–7"

Horizontal Clearance

38' — 40' — 28' — 52' — 19.47 — 88' — 14'–11" — 99'

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

250' – 300' — 17.54 — 150' – 230'

Available Right of Way Width (Needs Study)

0' Residential — 0' Residential/Commercial

Right of Way Fence: Type – Right and Left

(Conc. Retaining Wall) — (Chain Link 20'-30' from E.P.) — Chain Link 15'-20' from E.P. — Chain Link 30' from E.P. — Chain Link 40' from E.P.

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

Full

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

State

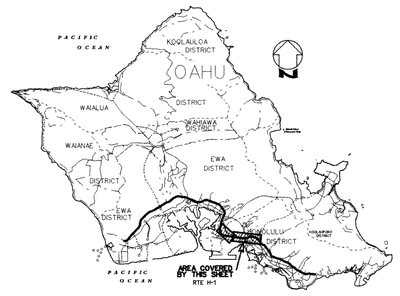
DPI-0203(1) Resurfacing, 2005 — I-H1-1(187), O.B. Impr 1985 — H1H-01-00M Rehab, 2005 — IM-H1-1(220) Pavement Rehab. 1996

Project No., Type of Construction, and Year Constructed

NH–H1–1(246), Zipper Lane Extension, 2006

Project No., Type of Construction, and Year Constructed

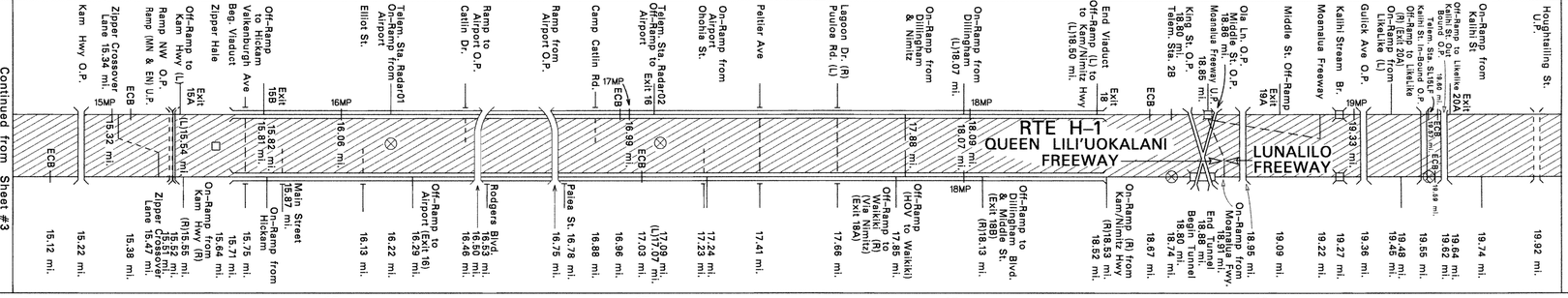
H1EFG–01–96, 1998, Contraflow and Shoulderlane — I–H1–1(178), Inbound Improvement, 1984



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

10'–12' AC — 48' AC — 10'–12' AC

Pavement: Width and Type

48' PCC — 60' PCC — 24' PCC — 24' AC — 44' AC — 33' AC — 36'AC

Shoulder: Width and Type

11'–12' PCC — 11' AC — 0' — 2'–10' AC — 4'–8' AC

Median: Width and Type

(2' Zip Blocks + Crossover Ln. AC) — 2' Conc. Barr. + 2' Zip Blocks — 0'–15' Grs. & Shrubs — 10' Grass — Double 2' Conc. Barr. + 25' Gap — 2' Conc. Barr. — Interchange — 4'–6' Grass & Shrubs — 25' Sloped Grs. (1) — Interchange — 4'–5' AC — 2' Conc. Barrier

Median: Barrier LEGEND: Concrete Barrier ——— Zipper Barrier - - - - - M/M Guard Rails |——|

Shoulder: Width and Type

10'–12' AC — 12' PCC — 10'–12' PCC — 12' AC — 2'–4' AC

Pavement: Width and Type

48' AC — 48' PCC — 36' PCC — 24' PCC — 24' AC — 33' AC — 36'AC

Shoulder: Width and Type

10'–12' AC — 2'–4' AC — 11'–12' PCC — 6'–10' AC — 2'–4' AC

Number of Traffic Lanes

4–12' — 4–12' — 4–12' — 5–12' — 2–12' — 4–11' — 3–11' — 3–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A = ACCEL. D = DECEL. M = MERGE

1–12' Decel — 1–12' Accel — 2–12' Accel — 1–12' Accel — 2–12' Accel

(Right Side) A = ACCEL. D = DECEL. M = MERGE

2–D — 1–12' Decel — 2–D — 1–12' Accel — 1–D — 1–12' Accel — 2–D — 1–12' Accel

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 — LEGEND: 1= conc. barrier, 2= conc. wall 3= metal w/ metal rail

Illumination: Type, Location and Number — High Pressure Sodium Lamps

Curves: Degree of Curvature (Right and Left)

Zipper Lane/Express Lane — (Zipper Lane (Express Lane: Buses and 3 Rider Car Pools, 5:30 AM – 8:30 AM, Mon. – Fri.))

2–12' Lanes — 1–11' Lanes — Shldr. Lane: For Express Lane Users Only, Open 5:30 AM-8:00 AM (Shldr. Lane Next to Median, 3 or More Occupants) — Shldr. Lane (next to Median) Buses Only, 6 – 8 AM

Shoulder Lanes

HOV Lanes/Contraflow Lanes — HOV Lane near median (2 or more occupants) — HOV Lane near median (2 or more occupants)

Area and Development: — Urbanized–Large (39889)

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

Rolling (2) — Flat (1) — Rolling (2)

Speed: 1–Design, 2–Posted

55 MPH (MIN 45) ② — 55 MPH ② — 55 MPH (MIN 45) ② — 55 MPH (MIN 45) ② — 55 MPH ② — 45 MPH ② — 55 MPH ② — 35 MPH ② — 50 MPH (MIN 40) ②

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

84,000	115,200	(95,800)	101,280	89,300	121,108	121,108	(121,108)	57,960	45,763	58,400	148,880	158,100	150,300	161,784	175,900				
104,300	111,900	(94,900)	100,287	86,600	119,920	119,920	(119,920)	57,600	54,500	57,300	147,700	157,300	157,300	160,700	163,500				
111,300	93,200	(83,500)	99,249	99,294	118,733	118,733	(118,733)	56,926	56,926	51,100	133,300	161,000	160,000	149,700	236,200				
DOD 130				DOD 135						DOD 140	DOD 145			DOD 150				DOD 155	

HPMS Sections – AADT 2011

HPMS Sections – AADT 2010

HPMS Sections – AADT 2009

DOD Sections

Census Tracts

Functional Classification — Interstate (1)

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

Previous Projects: Project No., Date and Limits

(I–H1–1(73):15, 1997) — IM–H1–1(227)(R), 1997 — IR–H1–1(207), 1989 — I-H1-1(111):14 1976 — I-H1-1(110):15 1976 — I–H1–1(73):15, 1977 — H1–EG–01–95M(R), 1995 — I–H1–1(124):16, 1981 — I–H1–1(156):16, 1981 — I–H1–1(119):16, 1979 — I–H1–1(120):16, 1979 — I–H1–1(121):16, Outbound Only, 1979 — I–H1–1(84):16, 1981 — (I–H1–1(130):17, 1979) — (H1H–01–97M(R), 1998) — I-IR-H1-1 (170):17 1986 — I-H1-1(147):17 1983 — I-H1-1(132):17 1986 — I-H1-1 (168):17 — I-H1-1 (86):17 1986 — (I–IR–H1–1(169):17, 1986) — I–H1–1(131):17, 1982 — I–H1–1(178), 1984 — IR–H1–1(135):19, 1979 (R) — I-H1-1(299):18, 1964 — H1–H1–01–71 Resurf, 1971 — EBU–072–1(2) U-4 — U-072-1(7) Unit 3, 1963 — IR–H1–1(198) (R) 1986 — IR–H1–1(153):19 Resurface, 1979 — I–H1–1(134):20, 1966

SCALE: (In Miles) 4" = 1 mile

Date Released
November 2000

Revised	
May 02	D.B.
Aug. 04	D.B.
6/06	D.B.
3/07	D.B.
Feb. 09	D.B.
Jan., 10	D.B.
Jan., 11	D.B.
Feb., 12	D.B.
Sept., 12	D.B.

ROAD INVENTORY

OAHU RTE H–1

LUNALILO FREEWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	27.16	MILES (a+b)
a. Existing Length:	27.16	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	27.16	MILES (a+b, less c)
a. Existing Length:	27.16	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

20 | 21 | 22 | 23 | 24 | 25

H1–I (5.23 mi.) | End H1-I, Beg. H1-J at Kapiolani IC (Old Waialae Rd.) 24.60 | H1–J (0.42 mi.) | End H1-J, Beg. H1-K 200' East of Kapahulu Ave. 24.87 | H1-K (2.29 mi)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed — Note: All Structures are HS 20

P/CB 1965 130′ 20.24 | CBG 1965 610′ 20.40 | Slab 1963 20.76 | Slab 1965 20.83 | Slab 1964 21.10 21.39 | Slab 1964 91′ | CBG 1961 21.26 | CBG 1960 21.42 21.47 | SLAB 1961 21.56 | SLAB 1960 36′ 21.64 | Ped 1960 44′ 21.80 | CBG 1969 21.95 | Ped 1969 22.02 | P/CB 1968 22.16 | CBG 1969 1526′ 22.40 | P/CB 1960 22.87 | SLAB 1955 23.18 | SMS 1956 23.55 | SMS 1956 23.90 | TMB 1953 120′ 24.12 | TMB 1953 44′ 24.37 | P/CB 1967 117′ 24.50 24.55 | CBG 1967 (1969) 24.51 | CBG 1967 880′ 24.71 | CBG 1965 24.97

Vertical Clearance — 99′ | 88′ | 88′ | 99′ | 95′ | 88′ | 86′ | 40′ | 99′

Horizontal Clearance

Structure Over Pkwy

Vertical Clearance — 42′ | 42′ | 49′ | 62′ | 59′ | 68′ | 47′ | 51′ | 47′ | 54′ | 72′ | 49′ | 49′ | 46′ | 47′ | 53′ | 54′ | 68′

Horizontal Clearance — 16′–2″ | 17′–2″ | 15′ | 16′ | 18′ | 18′ | 17′–9″ | 18′ | 17′–8″ | 18′ | 18′ | 16′–8″ | 16′ | 15′–11″ | 16′–5″ | 16′–7″ | 18′ | 16′–11″

Right of Way Width (min.–max.) if varies — 150′ – 230′ | 120′ – 240′ | 140′ – 300′ | 140′ – 275′ | 130′ – 160′ | 110′ | 165′ – 260′ | 150′ – 240′

Available Right of Way Width (Needs Study) — 0′ Residential/Commercial

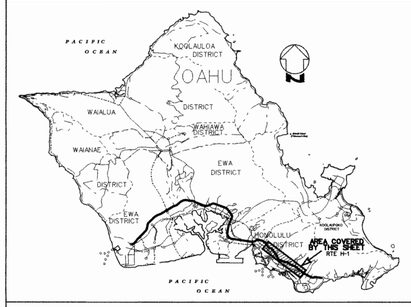
Right of Way Fence: Type – Right and Left — Chain Link 15′-20′ from E.P. | (ChainLink 30′-50′ from E.P.) | (ChainLink 30′ from E.P.) | Chain Link 15′-30′ from E.P. | Chain Link 8′-30′ from E.P. | (Chain Link 20′-30′ from E.P.)

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

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

Project No., Type of Construction, and Year Constructed — IM–H1–1(220), Pavement Rehab, 1996 | I–H1–1(31):21 Unit 1, 1969 | I–H1–1(31):21 Unit 2, 1969 | IM–H1–1(234) (R), 2000 | I–H1–1(60):23 Shoulder Imprv., 1977 | IR–H1–1(184) Safety Imprv., 1979

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

Continued from Sheet #4.

Off-Ramp to Houghtailing St. 20.07 mi. | Begin Viaduct | Off-Ramp (L) from Nimitz Blvd. 20.28 mi. | Telem. Sta. SL23-F Kapalama Canal 20.18 mi. | End Viaduct Pelama St. U.P. | Off-Ramp to Exit 20C Pelama St. | Liliha Access Rd. O.P. | Liliha St. O.P. | On-Ramp from School St. (L) 20.88 mi. | Nuuanu Strm. Br. 21.09 mi. | Aala St. Extension O.P. | Nuuanu Ave O.P. School St. 21.72 mi. | Off-Ramp to Pali Hwy O.P.s | On-Ramp from Pali Hwy O.P.s | Queen Emma St. O.P. | Punchbowl St. U.P. | Off-Ramp to Pali Hwy (L) Punchbowl St. | On-Ramp from Pali Hwy (R) Punchbowl St. | Off-Ramp to Exit 21B Punchbowl St. | Off-Ramp to Kinau St. Pedestrian O.P. | Vineyard Blvd. O.P. | Pedestrian O.P. | Ward Ave O.P. Vineyard Blvd. Exit 22 22.13 mi. | Pensacola St. U.P. | Begin Makiki Viaduct | On-Ramp to Lunalilo St. 22.30 mi. | Pilkoi St. U.P. | End Makiki Viaduct | Keeaumoku St. O.P. Lunalilo St. Exit 23 | On-Ramp from Pilkoi St. | Punchbowl St. O.P. | On-Ramp from Punchbowl St. 23.07 mi. | On-Ramp from Alexander St. | Off-Ramp to McCully St. Telem. Sta. 724A | Pedestrian O.P. Wilder Ave | On-Ramp from University Ave. 24.01 mi. | Off-Ramp to University Ave. | On-Ramp from University Ave. | Off-Ramp to University Ave. | Kalo Place U.P. | Off-Ramp to King St. | On-Ramp to King St. | On-Ramp from Manoa-Palolo Strm. Br. | Off-Ramp to Old Waialae Rd. | Kapiolani Blvd. Overpass | Begin Viaduct | Kapiolani Blvd. (L) | End Viaduct Exit 25A Kapahulu Ave. | Pedestrian O.P.

Continued on Sheet #6.

RTE H-1 LUNALILO FREEWAY

Exit 20B | Exit 20C | Exit 21A | Exit 21B | Exit 22 | Exit 23 | Exit 24A | Exit 24B | Exit 25A

20MP | 21MP | 22MP | 23MP | 24MP | 25MP

ECB

20.09 mi. | 20.13 mi. | 20.23 mi. | 20.31 mi. | 20.37 mi. | 20.46 mi. | 20.51 mi. | 20.67 mi. | 20.75 mi. | 20.80 mi. | 20.91 mi. | 21.03 mi. | 21.07 mi. | 21.22 mi. | 21.28 mi. | 21.33 mi. | 21.39 mi. | 21.41 mi. | 21.43 mi. | 21.56 mi. | 21.58 mi. | 21.64 mi. | 21.68 mi. | 21.80 mi. | 21.85 mi. | 21.95 mi. | 22.02 mi. | 22.10 mi. | 22.16 mi. | 22.24 mi. | 22.38 mi. | 22.46 mi. | 22.59 mi. | 22.67 mi. | 22.73 mi. | 22.80 mi. | 22.87 mi. | 23.01 mi. | 23.18 mi. | 23.36 mi. | 23.55 mi. | 23.59 mi. | 23.68 mi. | (L)23.74 mi. | 23.87 mi. | 23.90 mi. | (R)24.03 mi. | 24.08 mi. | (L)24.13 mi. | 24.16 mi. | 24.31 mi. | 24.40 mi. | 24.42 mi. | (R) 24.55 mi. | 24.58 mi. | (L)24.67 mi. | (R)24.70 mi. | 24.72 mi. | 24.75 mi. | 24.81 mi. | 24.87 mi. | 24.85 mi. | 24.97 mi.

Off-Ramp to Vineyard Blvd. (Exit 20B) 20.21 mi. | Off-Ramp to Exit 21B 21.41 mi. | On-Ramp from Vineyard Blvd. 22.02 mi. | Off-Ramp to Exit 23 22.73 mi. | On-Ramp from Pilkoi St. 22.87 mi. | Off-Ramp to Punahou St. 23.00 mi. | On-Ramp from University Ave. (R)24.03 mi. | Off-Ramp to University Ave. (L)24.13 mi. | Off-Ramp to Exit 25A 24.85 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type — 4′–8′ AC | 2′ AC | 6′ PCC | 2′–4′ AC | 1′–4′ PCC | 8′ – 10′ AC | 0′–8′ AC | 4′–8′ PCC | 9′ PCC

Pavement: Width and Type — 36′ AC | 36′ PCC | 36′ AC | 33′ AC | 36′ AC | 33′ AC | 36′ AC | 36′ PCC

Median: Width and Type — 5′ AC | 5′ PCC | 6′–10′ AC | 4′–6′ PCC

Median Barrier — LEGEND: Concrete Barrier ——— Zipper Barrier - - - - - M/M Guard Rails |——— — 2′ Concrete Barrier

Divided Highway — Divided

Shoulder: Width and Type — 5′ AC | 5′ PCC | 5′ AC | 5′–10′ PCC

Pavement: Width and Type — 36′ AC | 33′ AC | 36′ AC | 36′ PCC | 36′ AC | 33′ AC | 36′ AC | 36′ PCC | 48′ PCC

Shoulder: Width and Type — 8′ AC | 2′–10′ AC | 6′ AC | 0′–10′ AC | 4′ PCC | 2′–8′ AC | 3′ PCC | 6′–10′ AC | 0′–8′ AC | 6′–14′ PCC

Number of Traffic Lanes — 3-12′ | 3-11′ | 3-10′

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A = ACCEL. D = DECEL. M = MERGE — 2-D 1-12′ | 1-A | 1-D | 1-12′ A | 1-12′ D | 2-12′ Accel | 1-12′ Accel | 1-11′ Decel | 1-12′ Accel | 1-11′ Decel | 1-12′ Accel | 2-12′ Accel

(Right Side) A = ACCEL. D = DECEL. M = MERGE — 1-D | 1-12′ A | 1-12′ D | 2-12′ Accel | 1-12′ Accel | 2-11′ Decel | 1-Decel | 1-12′ Accel | 1-11′ Decel | 1-12′ Accel | 2-12′ Accel

Experimental Stripping Changes

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 — LEGEND: 1=conc. barrier, 2=conc. wall, 3=metal w/ metal rail, 4=conc w/ metal rail, 5=conc w/ conc rail

Illumination: Type, Location and Number — High Pressure Sodium Lamps

Curves: Degree of Curvature (Right and Left)

Zipper Lane/Express Lane

Grades: % Grade, Positive or Negative

HOV Lanes/Contra-Flow Lanes

Area and Development: — Urbanized–Large (39889)

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

Speed: 1–Design, 2–Posted — 50 MPH (MIN 40) ② | (50 MPH (MIN 40) ②) | 40 MPH ② | 45 MPH ① | 50 MPH ② | 45 MPH ② | 50 MPH ② | 45 MPH ② | (50 MPH (MIN 40)②))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2011 — 175,900 | 171,500 | 102,816 | 118,728 | 109,140 | 183,000 | 131,800 | 81,498 | 105,500 | 113,934 | 114,500

HPMS Sections – AADT 2010 — 163,500 | 114,400 | 101,808 | 117,564 | 108,070 | 164,726 | 133,300 | 80,699 | 107,000 | 112,817 | 127,200

HPMS Sections – AADT 2009 — 236,200 | 180,200 | 100,800 | 116,400 | 107,000 | 163,095 | 138,200 | 79,900 | 94,500 | 111,700 | 112,500

DOD Sections — DOD 155 | DOD 160 | DOD 165 | DOD 170 | DOD 175

Census Tracts

Functional Classification — Interstate (1)

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

Previous Projects: Project No., Date and Limits — IR–H1–1(198)(R.) 1986 | I–H1–1(60):23 Resurf, 1979 | IR–H1–1(153):19, Resurf, 1979 | I–H1–1(31):21, Unit 1, 1969 | IR–H1–1(184) Safety Imprv., 1985 | H1–H1–01–71, Resurf, 1971 | I–H1–1(31):21, U2, 1969 | I–H1–1(34):20, 1966 | I–H1–1(24):21, 1966 | I–H1–1(27):21, 1967 | U–59(6), Unit 2 1955 | F–59(4), Unit 1, 1954 | U–59(3), 1954 | I–H1–1(5):24, U–2, 1967 | I–H1–1(4):24, 1965

SCALE: (In Miles) 4" = 1 mile

20 | 21 | 22 | 23 | 24 | 25

Date Released
November 2000
Revised
May 02 D.B.
Aug 04 D.B.
6/06 D.B.
3/07 D.B.
Feb. 09 D.B.
Aug. 10 D.B.
Jan. 11 D.B.
Feb., 12 D.B.
Sept., 12 D.B.

ROAD INVENTORY

OAHU RTE H–1

LUNALILO FREEWAY

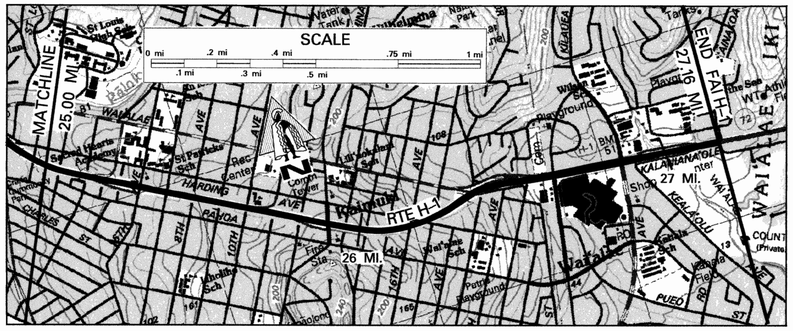
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	27.16	MILES (a+b)
a. Existing Length:	27.16	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	27.16	MILES (a+b, less c)
a. Existing Length:	27.16	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

H1–K (2.29 mi.)

Structure Carrying Road

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

CBG 1965 | Slab 1964 | Slab 1964 | Slab 1964 65' | Slab 1964 | Slab 1966 | CBG 1967 | P/CB 1968 | CBG 1967 | PCTB 1969 2161' | Slab 1968 55' | P/CB 1969 49'

Vertical Clearance

25.11 | 25.30 | 25.38 | 25.55 | 25.90 | 26.16 | 26.20 | 26.36 | 26.36 | 26.50 | 26.98 | 27.09

Horizontal Clearance

99' | 47' | 99' | 99'

Structure Over Road

Vertical Clearance

60' | 61' | 60' | 50' | 50' | 50' | 50' | 50' | 50'

Horizontal Clearance

17' | 17'–2" | 16'–6" | 18' | 16'–10" | 17'–5" | 16'–7" | 16'–7"

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

150' – 240' | 26.86 | 120' – 300'

Available Right of Way Width (Needs Study)

0' Residential/Commercial

Right of Way Fence: Type – Right and Left

Chain Link 20'–30' from E.P. 25.63 | Stone Wall 20' from E.P. 25.86 | Stone Wall 20' from E.P. 26.10 | (Wall 20' from E.P.) 26.36 | (Stone Wall 15' from E.P.) | (Wall 20' from E.P.) | (Stone Wall 15' from E.P.) 27.09

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

Full

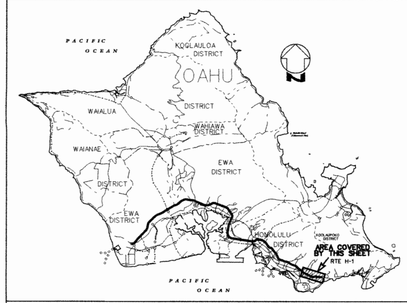
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

State

Project No., Type of Construction, and Year Constructed

IR–H1–1(184), Safety Imprv., 1985 | 25.60 | IR–H1–1(197), Safety Imprv., 1986 | 26.86 | IR–H1–1(184), Safety Imprv., 1985

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

Continued From Sheet #5

Off-Ramp to 6th Ave. (L) Pedestrian O.P. | On-Ramp from 5th Ave. (L) | Off-Ramp to 6th Ave. (R) Pedestrian O.P. | 6th Ave O.P. | 7th Ave O.P. | 10th Ave U.P. | Off-Ramp to 11th Ave. (R) | On-Ramp from 11th Ave. (L) | ECB 26MP | Koko Head Ave. O.P. | Off-Ramp to Harding Ave. O.P. | 16th Ave O.P. | Off-Ramp to Waialae Ave. (R) | On-Ramp from Waialae Ave. (L) | Pedestrian O.P. | Waialae Ave. O.P. | Off-Ramp to Waialae Ave. (L) | Beg Waialae Viaduct | 21st Ave. | Hunakai St. | 27MP | Kilauea Ave. | End Waialae Viaduct | Waialae–Niu Br. | Off-Ramp to Waialae Ave. | Kapakahi Br. | End RTE H–1 on Kalanianaole Hwy. at the West edge of Pav't. of Aineko Ave. (same as End RTE 72).

Exit 25B | Exit 26A | Exit 26B | Exit 26 | Exit 27

RTE H–1 LUNALILO FREEWAY

25.15 mi. 25.13 mi. 25.11 mi. | 25.30 mi. | 25.38 mi. | 25.55 mi. | 25.71 mi. | 25.74 mi. | 25.81 mi. | 25.90 mi. | 26.22 mi. 26.20 mi. 26.16 mi. | 26.36 mi. 26.33 mi. | 26.49 mi. | 26.57 mi. 26.56 mi. | 26.85 mi. | 26.90 mi. 26.86 mi. | 26.98 mi. | 27.08 mi. | 27.14 mi. 27.08 mi. | 27.16 mi.

On-Ramp from Waialae Ave. (R) | On-Ramp from Waialae Ave.

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type

9' PCC | 26.21 | 2'–4" AC | 26.36 | 9' PCC | 26.91 | 2'–6" AC

Pavement: Width and Type

36' PCC | 36' AC

Shoulder: Width and Type

5' PCC | 26.55 | 3' PCC | 5'–10" AC | 27.09 | 0'

Median: Width and Type

2' Concrete Barrier | Double Conc. Barrier w/ Rails + 10' Gap | Metal Guardrails | (4" Raised AC)

Median Barriers LEGEND: Concrete Barrier ——— Zipper Barrier - - - - - M/M Guard Rails |——|

26.85 | 27.07

Shoulder: Width and Type

4'–6" PCC | 8' AC | 27.07 | 0'

Pavement: Width and Type

48' PCC | 25.65 | 36' PCC | 36' AC

Shoulder: Width and Type

9' PCC | 26.90 | 0'–6" AC

Number of Traffic Lanes

3-12' | 4-12' | 25.65 | 3-12' | D 27.06 (1-12') 27.12 | 27.03 1-12' M | 27.06 1-12' LL

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A = ACCEL. D = DECEL. M = MERGE

2–12' W .35 | 1-12' | .62 | 1.9' | .64 | 1-12' Accel | 26.36 | 26.56 | 26.66 | 1-12' Accel | 27.10

(Right Side) A = ACCEL. D = DECEL. M = MERGE

25.10 | 25.13 | 1-12' | 25.65 | D | 25.71 | 1-12' | 26.19 | 26.22 | 1-12' Decel | 26.49 | 26.56 | 1-12' Accel

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 LEGEND: 2=conc. wall, 3=metal w/ metal rail, 4=conc w/ metal rail, 6=rock wall

LL 25.01 25.50 25.27 25.33 25.36 25.40 25.44 25.54 25.69 25.86 26.07 26.19 26.33 26.46 27.07
RR 25.14 25.28 25.36 25.41 25.47 25.50 25.69 25.83 25.73 25.86 26.00 26.28 26.36 26.47 27.07

Illumination: Type, Location and Number

High Pressure Sodium Lamps

Curves: Degree of Curvature (Right and Left)

Zipper Lane/Express Lane

None

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

None

Area and Development:

Urbanized–Large (39889) (50 MPH ②)

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

Rolling (2)

Speed: 1–Design, 2–Posted

50 MPH (MIN 40) ② | 26.86 | 26.89 | 50 MPH (MIN 40) ② (Not Posted) | 25.40 | 50 MPH ② (35 MPH ②) | 27.01

Intersection Control Devices: Type, Location and Cycle Timing

25.09

Traffic Stations (Current Year)

HPMS Sections – AADT 2011

114,500 | 25.15 | 100,000 | 25.73 | 76,800 | 26.24 | 65,100 | 27.16

HPMS Sections – AADT 2010

127,200 | 102,700 | 79,285 | 66,300

HPMS Sections – AADT 2009

112,500 | 105,200 | 78,500 | 68,100

DOD Sections

DOD 175

Census Tracts

Functional Classification

Interstate (1)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

IR–H1–1(184) Safety Imprv., 1985

25.60 | I–H1–1(6):25, U–3, 1968 | 26.52

I–H1–1(4):24, 1965 | I–H1–1(6):25, U–1, 1968 | I–H1–1(6):25, 1969

SCALE: (In Miles) 4" = 1 mile

Date Released
November 2000
Revised
Aug. 04 D.B.
6/06 D.B.
Feb. 09 D.B.
Aug. 10 D.B.
Jan. 11 D.B.
Feb., 12 D.B.
Sept., 12 D.B.

ROAD INVENTORY

OAHU ROUTE H2
VETERANS MEMORIAL FREEWAY

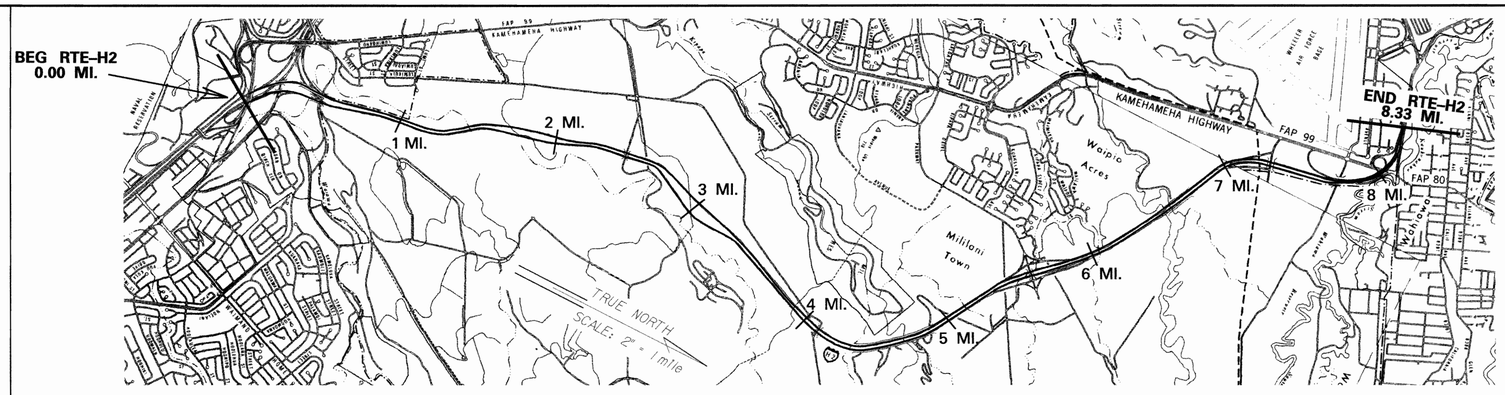
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	8.33	MILES (a+b)
a. Existing Length:	8.33	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	8.33	MILES (a+b, less c)
a. Existing Length:	8.33	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

H1-D (1.03 mi.) | H2-A (2.25 mi.) | H2-B (1.76 mi.) | H2-C (0.90 mi.) | H2-D (0.76 mi.) | H2-E(0.51) | H2-F(0.47) | H2-G(0.65)

Structure Carrying Road

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

**Note: All Structures - RC Box Girder, HS-20

180',1975 | 1975 | 1990', 1977 | 1976 | 1085', 1976 | 1976 | 194' | 218' 1976 | 194' | 294'

Vertical Clearance

Horizontal Clearance

114'-10" | 40'-10" | 52'-10" 40'-8" | 60' 41'-6"

Structure Over Road

Vertical Clearance

16'-6" | 16'-10" | 17'-4" | 17'-4"

Horizontal Clearance

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

225'-330' | 250' - 540' | 200' - 350' | 350' - 550' | 200' - 330' | 200' - 660' | 400' - 660' | 240' - 460' | 280'-580' | 100' - 450'

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

FULL

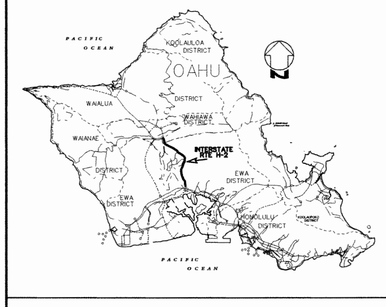
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

STATE

(IR-H2-1(26), Phase 1, HOV lanes, 1994) | (IM-H2-1(33), Rehab., 2008) | IM-H1-1(224): (R), 1998 | IM-H2-1(33), Rehab., 2008

Project No., Type of Construction, and Year Constructed

I-H1-1(46):8, 1975 | IR-H2-1(27), Phase 2, HOV lanes, 1994 | [IM-H2-1(29), 1998, (On-Off Ramps)] | IR-H2-1(24), Imprv., 1991



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEG RTE-H2 @ WAIAWA I.C. ON THE NORTHBOUND LANES UNDER THE ℄ OF FARRINGTON HWY O.P. CARRYING HONOLULU BOUND TRAFFIC. 0.00 MI.

RTE H-2 Veterans Memorial Freeway

END RTE-H2 ON H-2 AT THE CONNECTION WITH WILKINA DRIVE AT THE ℄ MOK. STA. 42+20 (EDGE OF CONCRETE PAVEMENT). 8.33 MI.

Waiawa I.C. Structure #15 | Off-ramp to Waiawa I.C. | Panakauahi Gulch Culvert | Panakauahi Gulch Culvert | On-ramp to Ka Uka Blvd. 2.3 mi. | Ka Uka Blvd. | Off-ramp to Ka Uka Blvd. 2.87 mi. | Pineapple Road Separation | Kipapa Stream Bridge | On-ramp 5.19 mi. | Meheula Prkwy. 5.40 mi. | Off-ramp to Meheula Prkwy. 5.93 mi. | Walkakaloua Stream Bridges | On-ramp from Leilehua G.C. Rd. 6.92 mi. | Leilehua Golf Course Rd. Separation | On-ramp from Kam Hwy 7.03 mi. | Off-ramp to Kam Hwy 7.39 mi. | Bridge #3 7.74 mi. | Bridge #2 7.98 mi. | Bridge #1 8.03 mi. | On-ramp from Kam Hwy 8.30 mi. | Off-ramp to Kam Hwy 8.24 mi.

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type

3' AC | 4' PCC | 10' PCC | 10' AC | 10' PCC | 10' AC | 10' PCC | 10' AC | 10' PCC | 10' AC | 10' AC | (10' PCC) 10' AC

Pavement: Width and Type

24' AC | 36' AC | 36' PCC | 50' PCC | 48' PCC | 44' PCC | 48' PCC | 50' PCC | 48' PCC | 44' PCC | 44' AC | 44' PCC | 33' PCC | 24' PCC | 10' AC | 10' AC | 0

Shoulder: Width and Type

1' AC | 10' PCC | 6' - 12' AC | 6' PCC | 1' PCC | 6' PCC | 10' PCC | 10' AC | 10' PCC | 2' AC | 10' PCC | 4' AC & 2' Gravel | 6' PCC | 4' AC | (5' PCC) 4' AC | (6' PCC) 10' AC

Divided Highway – Divided

Median: Width and Type

Varies 12' - 300' Trees & Grass w/ M/M Guard Rail | 2' Conc Barrier w/GlareScreen | Varies 0' - 150' Raised Grass & Shrubs | 2' Conc Barrier w/ GlareScreen | Varies 0' - 280' Raised Grass | 2' Conc Barrier w/GlareScreen | 3' Conc Barrier 13' Conc Gutter (L) | 32' Dirt w/6' Conc Gutter | Varying Width Raised Median | 32' Dirt w/6' AC Gutter & M/M Guard Rails | 32' Dirt w/6' AC Gutter (25' Conc Barrier) | 15' Grass | 8' GRS

Chainlink Fence/ 16' AC
16' Grass

Shoulder: Width and Type

4' AC | 9' AC | 15' AC | 6' PCC | 1' PCC | 6' PCC | 15' AC | 10' PCC | 10' PCC | 2' AC | (44' PCC) 10' PCC | 4' AC | 6' PCC | 4' AC | 4' AC | 0

Pavement: Width and Type

24' AC | 24' PCC | 36' PCC | 48' PCC | 50' PCC | 48' PCC | 44' PCC | 48' PCC | 50' PCC | 48' PCC | 44' PCC | 44' AC | 48' PCC | 36' PCC | (TAPER: 36' - 24') 24' PCC

Shoulder: Width and Type

10' AC | 8' AC | 10' AC | 10' PCC | 10' AC | 10' PCC | 10' AC | 10' AC | 10' AC

Number of Traffic Lanes

2-12' | 3-12' | (3-12', 1-14' HOV) | 3-12', 1-14' HOV | 4-12' | 4-11' | 4-12' | 3-12', 1-14' HOV | 4-12' | 4-11' | 5-11' | 3-11' | 5-12' | 2-12' | 4-12' | 4-11' | 4-12' | 3-12' | 2-12' | 2-12' 1-12' Decel | 1-12' Accel

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A=ACCEL D=DECEL T=TAPER M=MERGE

12' Accel Lanes | 1-12' Decel | 1-12' Accel | 2-12' Accel | 1-12' Decel | 1-12' Decel | 1-12' Decel | 1-12' Accel | 1-12' Decel | 1-12' Decel | 1-12' Accel | 1-12' Decel | 1-12' Accel

(Right Side) A=ACCEL D=DECEL T=TAPER M=MERGE

1-12' Decel | 1-12' Accel | 1-12' Decel | 1-12' Decel | 1-12' Accel

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

296 HPS Lamps

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

HOV MORN. 5:30-8:00 AM
HOV AFTERNOON 3:30-6:00PM

Area and Development:

Urbanized-Large (39889)

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

ROLLING (2)

Speed: 1–Design, 2–Posted

45 MPH (2) | 55 MPH (2) | 35 MPH (2) | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

(92,023) | (91,121) | (90,219)

HPMS Sections – AADT 2011

95,659 | 92,023 | 92,023 | 92,023 | 77,700 | 89,700 | 88,062 | 92,600 | 88,062 | 88,062 | 63,200 | 62,900 | 52,517 | 54,200 | 25,700

HPMS Sections – AADT 2010

95,000 | 91,121 | 91,121 | 91,121 | 83,300 | 87,198 | 87,198 | 92,300 | 86,335 | 87,198 | 65,551 | 60,700 | 52,200 | 52,679 | 25,100

HPMS Sections – AADT 2009

97,800 | 90,219 | 90,219 | 90,219 | 55,600 | 86,335 | 86,335 | 86,400 | 86,335 | 86,335 | 64,902 | 56,000 | 48,600 | 52,157 | 26,200

DOD Sections

DOD 435 | DOD 440

Census Tracts

Functional Classification

INTERSTATE (1)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

IR-H2-1(26), Phase 1, HOV lanes, 1994 | IR-H2-1(24), Imprv., 1991
IR-H2-1(27), Phase 2, HOV lanes, 1994
I-H1-1(46):8 1975 | I-H2-1(12):0 1975 | I-H2-1(9):4 KIPAPA BR. | I-H2-1(7):4, PH 1, 1976 | I-H2-1(8):6, PH 1 1976 | I-H2-1(10):6, 1976 WAIKAKALIUA BR. | I-H2-1(11):7, PH 1 1976
TRANSITIONS COVERED BY ADJACENT PROJECTS

SCALE: (In Miles) 2" = 1 mile

Date Released
Apr 1998

Revised	
Dec. 99	D.B.
Nov. 00	D.B.
Oct. 01	J.K.
May 02	D.B.
Sept. 02	D.B.
Aug 04	D.B.
6/06	D.B.
Feb 09	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb., 12	D.B.
Sept., 12	D.B.

ROAD INVENTORY
OAHU RTE – H3
JOHN A. BURNS FREEWAY

Note: H3 placed in service – DEC 1997

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

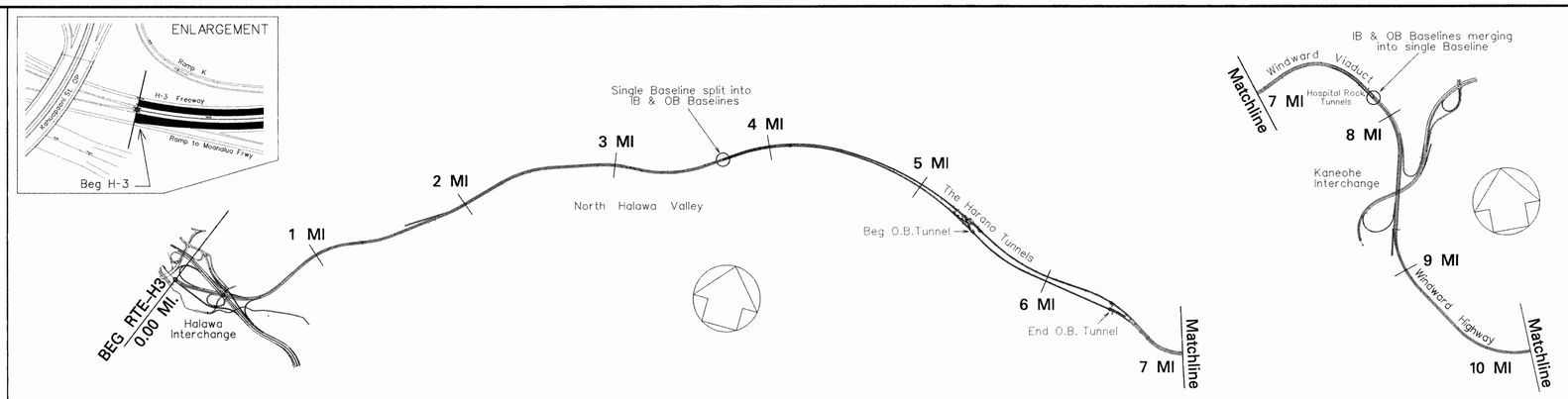
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 15.32 miles

a. Survey Length: 15.32 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles





Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road

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

2855', Cont prestressed Conc I-Girder, HS-20, 1992
45', Cont prestressed Conc I-Girder, HS-20, 1972
240', Cast in Place Box Girder, HS-20-44, 1972
42', Smpl prestressed Conc I-Girder, HS-20, 1972
36" Conc Pipe Culvert
Prestressed Conc. Girder HS-20, 1995
5105', Cont post-tensioned Conc I-Girder, HS-20, 1997
Cont prestressed Conc I-Girder, HS-20, 1996
6232' Cont post-tension segmental Conc Box Girder, HS-20, 1995
Cont prestressed Conc I-Girder, HS-20, 1991
5140' Reinforced Conc bored Tunnel, HS-20-44, 1996
Cont prestressed Conc I-Girder, HS-20-44, 1992
6610' Cont post-tension segmental Conc Box Girder, HS-20, 1993
Reinforced Conc Cut and Cover Tunnel, HS-20, 1992
1682' Cont post-tension segmental Conc Box Girder, HS-20, 1996
Cont prestressed Conc I-Girder, HS-20, 1989

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 200' | 110' | 160' – 350' | 200' – 390' | 200' – 530' | 140' – 500' | 180' – 280' | 430' – 570' | 190' | 185' – 1370' | 190' – 350'

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

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

Project No., Type of Construction, and Year Constructed: I-H3-1(75), Unit 3 H-3 Portals, 1998

Project No., Type of Construction, and Year Constructed: I-H3-1(75), Unit 2, H3 Finish 1998

Indicates Grass & / or Physical Barrier on Median.

RTE H-3 John A. Burns Freeway

Beg RTE-H3 at the connection with H-1 Fwy @ baseline Sta 252+33.06 (surveyor's pin on median shdr.) 0.00 mi.

ROUTE CONTINUED ON SHEET #2

SCALE: (In Miles) 2" = 1 mile

Divided Highway Undivided

Shoulder: Width and Type: 10' AC | 10' PCC | 6' PCC | 10' PCC

Pavement: Width and Type: 24' AC | 24' PCC | 36' PCC | 24' PCC

Shoulder: Width and Type: 10' AC | 4' AC | 4' PCC | 4' PCC | 4' PCC | 4' PCC

Median: Width and Type: 8' Conc Barrier | 2' – 4' Conc Barrier | 4' PCC | (12' PCC) | M/M guardrail 4' –25' Grass

Median Barriers: 2' Conc Barrier | 6' OPENING | 4' –12' Grass | OPENING VARIES | "The Harano Tunnels" | OPENING VARIES | 2' Conc Barrier

Shoulder: Width and Type: 10' AC | 6' AC | (Median Crossover Guardrail, 1.78 mi.) | 4' PCC | 10' –12' PCC | 4' PCC | 4' PCC

Pavement: Width and Type: 24' AC | 24' PCC

Shoulder: Width and Type: 10' AC | 10' PCC

Number of Traffic Lanes: 4 – 12' | 4 – 12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A–ACCEL D–DECEL T–TAPER M–MEGER: 12' Decel Lanes | Accel. lanes from Tunnel Com. Cntr. | 1 – 12' 2A

(Right Side) A–ACCEL D–DECEL T–TAPER M–MEGER: 12' Accel Lanes | 12' PCC/AC Crossover Lanes | Crossover Lanes | 12' Decal lane

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: Urbanized–Large (39889) | Rural (99999) | Urbanized–Small (43669)

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

Speed: 1–Design, 2–Posted: 60 MPH (2) | 55 MPH (2) | 45 MPH (2) | 55 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2011: 30,906 | 43,531 | 47,200 | 48,199 | 48,098 | 48,098 | 26,300

HPMS Sections – AADT 2010: 30,600 | 43,200 | 46,800 | 47,727 | 47,627 | 47,627 | 26,200

HPMS Sections – AADT 2009: 30,400 | 46,200 | 48,800 | 47,254 | 47,155 | 47,155 | 24,900

DOD Sections

Census Tracts

Functional Classification: INTERSTATE (1)

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

Previous Projects: Project No., Date and Limits

(I-H1-1 (109);13, 1976) (I-H3-1(54), 1991) (N. Halawa Valley Hwy, Unit 1A) (N. Halawa Valley Hwy, Unit 1, Phase 1B) (Halawa Approach & Tunnels, I-H3-1(64), 1994) (Haiku Approach & Tunnels) (Haiku Valley Bridges, I-H3-1(52), 1991) (Hospital Rock Tunnels) (Kaneohe Interchange, I-H3-1(72), 1996)

I-H3-1(59), 1995 | I-H3-1(68), 1997 | I-H3-1(69,70), 1996 | I-H3-1(71) Halawa Viaduct, 1995 | I-H3-1(61), 1993 | I-H3-1(57, 56), Windward Viaduct, 1994 | I-H3-1(53), 1992 | I-H3-1(50), Windward Hwy, 1992

SCALE: (In Miles) 2" = 1 mile

Date Released
Apr. 98, J.K.

Revised	
Feb. 99	J.K.
Mar. 04	D.B.
Aug. 04	D.B.
6/06	D.B.
Feb. 09	D.B.
Jan., 10	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb., 12	D.B.
Sept., 12	D.B.

ROAD INVENTORY
OAHU RTE – H3
JOHN A. BURNS FREEWAY

Note: H3 placed in service – Dec 1997

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

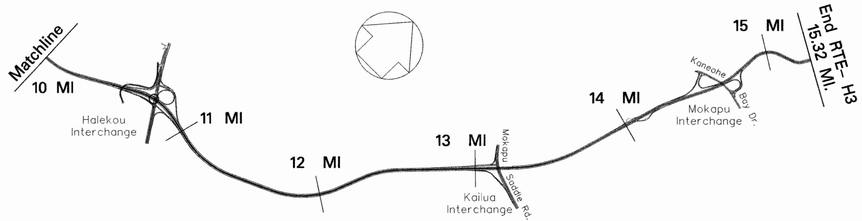
Total Route Length: 15.32 miles

a. Survey Length: 15.32 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



CONTROL SECTION DESCRIPTIONS:

Sta 609+64, Southwest end of Kailua IC @ end of On-ramp K-2 to H-3 IB from Mokapu Saddle Rd.

Sta 642+00, 1000' northeast (Mokapu side) of Kailua IC

Sta 685+50, South (Honolulu) end of Mokapu IC @ end of On-ramp M-2 to H-3 IB from Kaneohe Bay Drive.

Sta 724+75, North end of Makapu IC @ end of On-ramp to H-3 OB from Kaneohe Bay Drive.

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

H3-I (0.55 mi.) | H3-J (1.84 mi.) | H3-K (0.50) | H3-L (0.99 mi.) | H3-M (0.50) | H3-N (0.48) | End H3-N same as end route.

Structure Carrying Road

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

205' Prestr. Cont. Conc. Girder, HS-20, 1977 (post-tensioned box Girder, HS-20, 1984; 210'); 147' Prestr. Cont. Conc. Girder, HS-20, 1977 (144'; 144'; 147'); 169' Concrete Box, HS-20, 1971 (172'); ? Cont. Conc. Box Girder, HS-20, 1967 (151'; 43'); Culvert, HS-20, 1967

Vertical Clearance

Horizontal Clearance

52' 8"; 40' 8"; 40'; 41'; 40'; 109'; 22'

Structure Over Road

Vertical Clearance

16' 6"

Horizontal Clearance

130'

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

190' – 350' | 280' – 1050' | 280' – 630' | 320' – 540' | 210' – 405' | 240' – 570' | 240' – 450' | 350' – 500' | 380' – 920' | 170' – 250'

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

Full

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

State

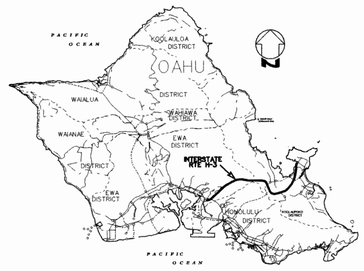
Project No., Type of Construction, and Year Constructed

490+04 to 745+17.05: IM–H3–1(80), Resurface, 2007

Project No., Type of Construction, and Year Constructed

I–H3–1(75),Unit 2, Finish 1998

IM–H3–1(77), Resurf., 2000



Road Diagram

* MP = Milepost Signage

Route RTE–H3 continued from Sheet #1

Telem. Sta. 41T; Off-ramp to Kam Hwy 10.98 mi.; Kam Hwy Overpass; H-3 Kamehameha Hwy Separation; Culvert; Kam Hwy On-ramp from Kam Hwy; Kapaa Quarry Separation #2; Kapaa Quarry Separation #1; Off-Ramp K-1 (Exit 14); On-ramp K-2; Kailua Separation; Ext from Lookout; On-Ramp M-2; On-Ramp M-3; Mokapu Separation & Off-Ramp M-3 (Exit 15); On-Ramp M-4; Culvert

RTE H3

JOHN A. BURNS FREEWAY

Off-ramp to Kam Hwy (Exit 11); Overpass from Kam Hwy; Ext to Kaneohe Bay, Lookout; Ext from Lookout

Indicates Grass & / or Physical Barrier on Median.

End Route – H3 @ sta. 745+66.36, 26' Northeast of centerline box culvert

SCALE: (In Miles) 2" = 1 mile

Divided Highway Undivided

Shoulder: Width and Type

10' PCC | 10' AC

Pavement: Width and Type

24' PCC | 24' AC

Shoulder: Width and Type

4'–15' PCC Taper; 4' PCC | 15' AC | 4' AC | 2' Conc Barrier | 9' AC

Median: Width and Type

2' Conc Barrier | 32' Grass w/ 6' Conc Gutter | 32' Grass | 2' Conc Barrier w/Glare Screen

Median Barriers:

4' PCC | 4' – 21' PCC Taper | 21' – 4' AC Taper | 4' AC | 9' AC

Shoulder: Width and Type

Pavement: Width and Type

24' PCC | 24' AC

Shoulder: Width and Type

10' PCC | 10' AC

Number of Traffic Lanes

12' Decel Lane | 4 – 12' | 12' Decel

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

12' Accel Lns.; 12' Decel Lane | All 12' Accel/Decel Lanes | 12' Decel Lane

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

All guardrails M/M | Inertial Barrier System

Illumination: Type, Location and Number

High Pressure Sodium | High Pressure Sodium

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Urbanized–Small (43669)

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

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

Speed: 1–Design, 2–Posted

55 MPH | 45 MPH (2) | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2011

26,300 | 23,890 | 22,277 | 12,499 | 12,298 | 13,260

HPMS Sections – AADT 2010

26,200 | 23,700 | 23,865 | 12,400 | 12,200 | 13,130

HPMS Sections – AADT 2009

24,900 | 23,800 | 23,629 | 12,100 | 11,100 | 13,000

DOD Sections

Census Tracts

Functional Classification

Interstate (1)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

I–H3–1(75), Unit 2, Finish 1998; IR–H3–1(56), Rehab., 1987; IR–H3–1(55), Resurf., 1986; I–H3–1(50), 1992 (Windward Hwy.); I–H3–1(24):11, 1988; I–H3–1(2&23):11, 1974; I–H3–1(2&23):11, 1974; I–H3–1(6):12, 1977; I–H3–1(7):13 & I–H3–1(2):8, 1975; I–H3–1(8):14 & I–H3–1(2):8, 1975

SCALE: (In Miles) 2" = 1 mile

Date Released
Apr. 98, J.K.
Revised
Feb. 99 J.K.
Mar. 04 D.B.
Aug. 04 D.B.
6/06 D.B.
Dec. 07 D.B.
Aug. 10 D.B.
Jan. 11 D.B.
Feb., 12 D.B.
Sept., 12 D.B.

ROAD INVENTORY

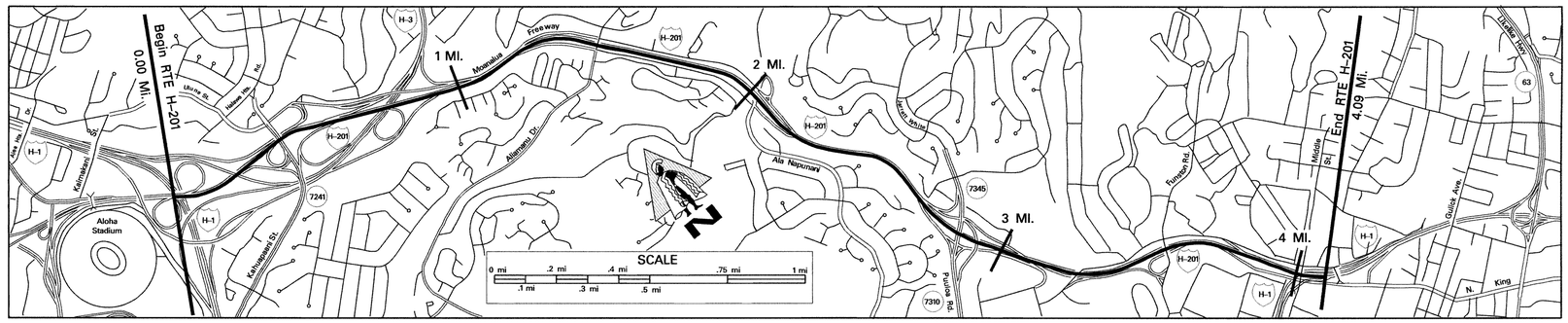
OAHU RTE H–201
MOANALUA FREEWAY

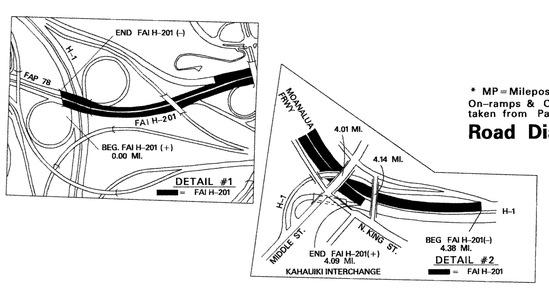
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 4.09 miles
a. Survey Length: 4.09 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*





* MP = Milepost Signage
On–ramps & Off–ramps taken from Painted Origin

Road Diagram

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

78A continues from Rte 78 | 78 A (4.75 mi.) | End 78A at Middle St. Sep. 4.01

Structure Carrying Road

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

340' P/S Conc. Gdr. 1972, HS 20 244' | 395' P/T Conc. Box Gdr. 1974, HS 20 | Prestressed Beam 1974, HS 20 146' | 166' P/S Conc. Gdr. 1973, HS 20 | 847' RC Box Gdr. 1974, HS 20 | 1200' 105' TBM 1955, HS 20 | CBG 1960 | HS 20 Slab 1960 | 62' Culvert HS 20 1960 | RC Box Gdr. HS 20, 1964

Vertical Clearance

P/S & RC Box Gdr 1974, HS 20

Horizontal Clearance

116' | 118' | 130' | 28' | 28'

Structure Carrying Railroad

Vertical Clearance

19' 8" | 17' 10" | 17' 3" 16' 6" | 18' | 17' 7" | 36' 36' 6" Inb. / 36' 38' Outb.

Horizontal Clearance

64' | 68' | 52' 40' | 52' | 33'

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

Estimated 200'+ | 230' – 550' | Estimated 200'+

Available Right of Way Width (Needs Study)

Residential Area

Right of Way Fence: Type – Right and Left

CL – 40' FP | 8' FP CL | CL – 15' FP | CL – 40' FP | 50' FP CL

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

Full

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

State

Project No., Type of Construction, and Year Constructed

← STA 0.00 | DPI–0203(1), Resurface 2005 | STA 12+35 →

Project No., Type of Construction, and Year Constructed

I–H3–1(75), Unit 2, 1998, H3 Finish | STP–H201(3) Frntg. Rds. Resurface 1999 | (7310A–01–88M (R) 1988) | I–H1–1(187)1985 Imprv. Outb. Lanes

BEGIN RTE H-201 ON MOANALUA FRWY. AT THE Begin of H-1 U.P. AND RAMP FROM H-1.

0.00 mi. | 0.12 mi. | 0.23 mi. | 0.37 mi. | 0.49 mi. | 0.56 mi. | 0.71 mi. | 0.81 mi. | 0.92 mi. | 1.08 mi. | 1.23 mi. | 1.31 mi. | 1.50 mi. | 2.03 mi. | 2.24 mi. | 2.34 mi. | 2.65 mi. | 2.85 mi. | 2.92 mi. | 3.14 mi. | 3.27 mi. | 3.56 mi. | 3.64 mi. | 3.85 mi. | 4.01 mi. | 4.07 mi.

On–Ramp from Kahuapaani St. O.P. (FAU(S)7241) | On–Ramp from H–1 East U.P. and Ramp from H–1 (See Detail #1) | On–Ramp Sta. Ce–U | H–3 Ramp O.P. HOV Express Ln. | Kahuapaani St. O.P. (FAU(S)7241) | On–Ramp from H–1 West Bound (See Detail #1) | On–Ramp to H–3 Bound & Begin HOV Express Ln. | On–Ramp from Halawa Hts. Rd. & H–3 South Bound | End Bridge Over H–3 North Bound & H–3 and Halawa Hts. Rd. Over 84'–0" D.P. Bridge | On–Ramp from H–1 East Bound | Off–Ramp to Halawa Hts. Rd. Camp | Off–Ramp to Halawa Hts. Rd. Camp Smith & H–3 | On–Ramp from Ala Kapuna St. | Off–Ramp to Ala Kapuna Rd. (Exit 2) | On–Ramp from Ala Kapuna St. | Ala Kapuna Rd. O.P. | "Lakeside Manor" (Ala Kapuna St. U.P.) | On–Ramp from Ala Kapuna St. & S. Frontage Rd. | Off–Ramp to Halawa Valley & North Frontage Rd. | On–Ramp from Halawa Valley & North Frontage Rd. | Off–Ramp to Puuloa Rd. (Rte 7310 N.) (R) | On–Ramp from Puuloa Rd. (Rte 7310 N.) (R) | Off–Ramp to Puuloa Rd. O.P. | On–Ramp from Puuloa Rd. O.P. | Off–Ramp to Puuloa Rd. (Rte 7310 S.) (L) | On–Ramp from Puuloa Rd. (Rte 7310 S.) (L) | Off–Ramp to Puuloa Rd. O.P. | On–Ramp from Kaua St. | Off–Ramp to Halawa Valley & Jarrett, White Rd. (L) | On–Ramp from Halawa Valley & Jarrett, White Rd. (L) | Ahua St. O.P. | Off–Ramp to Kuwili St. & Puuloa Rd. | On–Ramp from Kuwili St. & Puuloa Rd. | Off–Ramp to Halawa Memorial Park & King St. | On–Ramp from Halawa Memorial Park & King St. | Ft. Shafter Sep. O.P. | Kahuhuli Bridge Over Middle St. | Off–Ramp to Eastbound (Shafter Flats) | On–Ramp from Eastbound (Shafter Flats) | Structure A Puuloa St. Sep. O.P.

H–201 | MOANALUA FREEWAY

2 MP 1.33 mi. | 3 MP | 3 MP 2.34 mi. | 4 MP +3.25 mi. | 4.09 mi. + MP

Off–Ramp to Halawa Hts. Rd. | On–Ramp from Halawa Hts. Rd.

(Indicates Physical Barrier on Median.)

END RTE H-201 (+) DIRECTION ON MOANALUA FREEWAY AT THE NOSE OF THE H-1 TUNNEL UNDER KING ST. & MIDDLE ST. (SEE DETAIL #2).

H-1 Off-ramp | 4.38 mi.

END RTE H-201 (-) DIRECTION AT THE SPLIT FROM H–1 OFF–RAMP ALSO CALLED RMP H–1_WB_19B

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type

10' PCC 0.07 | 10' AC 0.74 | 10' PCC 0.81 | 8' AC 1.01 | 6' AC 1.80 | 10' AC 3.08 | 8'–10' AC 3.57 | 10' AC 3.82 | 8' AC 3.95 | 4' AC

Pavement: Width and Type

24' PCC 0.00 | 24' AC 0.28 | 12' AC 0.55 | 36' AC 0.85 | 36' PCC 1.18 | 48' AC 2.84 | 36' AC | 31' AC

Shoulder: Width and Type

12' PCC | 10'–12' AC 0.85 | 12' PCC 1.27 | 12'–14' AC 1.48 | 10'–12' AC | 8'–10' AC | (8' Twin Conc. Barriers with Dirt Fill & Shrubs) 6'–8' AC | 4' AC

Divided Highway

Median: Width and Type

Median Barriers: —— = Conc. Barriers

8' Twin Conc. Barrier with Dirt Fill & Shrubs. 0.41 | 2' Conc. Barrier | 8' Twin Conc. Barrier with Dirt Fill & Shrubs 2.66 | 2' Conc. Barrier | 3.26 | 2' Conc. Barrier

Shoulder: Width and Type

8' PCC | 10'–12' AC | 12' PCC 1.51 | 10'–12' AC | 8'–10' AC 3.10 | 4'–6' AC 3.53 | 6'–8' AC 3.89 | 4' AC

Pavement: Width and Type

24' PCC 0.24 | 24' AC | 36' AC 0.85 | (36' PCC) | 36' AC | 36' AC | 31' AC

Shoulder: Width and Type

8' PCC 0.07 | 10' AC 0.74 | 10' PCC 0.81 | 10' AC 1.46 | 6' AC 1.80 | 10' AC 2.84 | 2.98 | 8' AC 3.57 | 10' AC 3.82 | 3.85 | 2' AC

Number of Traffic Lanes

2–12' | 3 | 3–12' | 4–12' | 3–12' | 2–10',1–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A–Accel D–Decel T–Taper M–Meger

(1–12' Accel) | 2–12' Decel | (2–12' Decel) | (1–12' Decel) | (2–10',1–11')

(Right Side) A–Accel D–Decel T–Taper M–Meger

(1–12' Accel, Decel) | (1–12' Accel) | 2–12' Accel | 1–12' Decel | (1–12' Accel)

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)

(AC Gutter) | (4' Conc. Gutter) | (AC Gutter) | (AC Gutter) | AC Gutter | (Conc. Barrier) | (Conc. Curb & Gutter) | AC Gutter | (Conc. Barrier)

Protective Devices: Type, Location and Number

All Guardrails, Metal Rails on Metal Posts Unless Otherwise Noted.

Illumination: Type, Location and Number

Sodium Vapor | Mercury Vapor

Curves: Degree of Curvature (Right and Left)

~~Superelevation (Range)~~ HOV Lane

Express HOV Lane, Morning 6:00–8:00 AM, Afternoon 3:30–6:00PM, Car Pools – 2 or more, Motorcycles O.K.

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Urbanized–Large (39889)

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

Rolling (2)

Speed: 1–Design, 2–Posted

50 MPH (2) | 50 MPH (Min 40 MPH) (2) | 50 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2011

(51,204) 44,700 | (49,522) 37,842 | 100,565 | 100,565 | 116,790 | 128,935 | 80,200 | 130,100 | 104,700 | 99,900 | 116,124 | 99,600 | 107,755

HPMS Sections – AADT 2010

(50,702) 44,600 | (49,037) 37,471 | 99,579 | 99,579 | 115,645 | 127,671 | 138,244 | 122,100 | 99,700 | 98,300 | 114,985 | 101,214 | 107,000

HPMS Sections – AADT 2009

(50,200) 44,500 | (48,551) 37,100 | 98,593 | 98,593 | 114,500 | 126,407 | 136,875 | 112,100 | 100,000 | 101,300 | 113,847 | 100,212 | 104,500

DOD Sections

DOD 225 | DOD 230 | DOD 235

75.03 | 75.01 | 75.02 | 67.02 | 68.01 | 67.01 | 68.03 | 66 | 62.01

Census Tracts

Functional Classification

Interstate (1)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

I–H1–1(88):13, 1971,75 168+05 | 0.36 | I–H1–1(89):13, 1971,74 208+61.39 208+00 | 1.13 | F–078–1(11) 1973 | 1.71 239+00 | F–078–1(7) 1973, 1975 283+78.43 285+35.55 | 2.55 | F–078–1(10) 1971, 1975 311+00 318+85 316+90 | 3.07 | 3.10 | 3.12 | 3.16 | 3.18 | 3.57 | 3.09 | 3.72 | 3.80 | 3.96 | 3.99 | 4.01 | 4.09 | 4.26

78A–01–90M(R), Inb. Lanes, 1990 | F–FR–078–1(25) Resurf. 1985 | 78A–01–91M, 1993, Resurface Outbound Lanes | IM–H201, 1995 Resurface | TOF–F–078–1(16) 1981 New Constr. | TOF–F–078–1(21) 1984 New Const. | F–FF–078–1(17), 1979 Eastbound Collector Rd. | F–FF–078–1(16), 1979 | S–0720(1), Unit 2 1958 | US–6–0720(3) | BU–072–1(2), 1960 | (I–H1–1(178) Imprv., 1984) | (I–H1–1(129):18, 1964) | (IR–H1–1(214) Resurf. 1992) | Unit3, 1960 346+50 359+49.08 | 7+50 11+75

SCALE: (In Miles) 4" = 1 mile

Date Released
Feb 2004, D.B.
Revised
Aug. 04 D.B.
6/06 D.B.
Aug. 10 D.B.
Jan. 11 D.B.
Feb., 12 D.B.
Sept., 12 D.B.

ROAD INVENTORY

OAHU RTE 61
PALI HIGHWAY

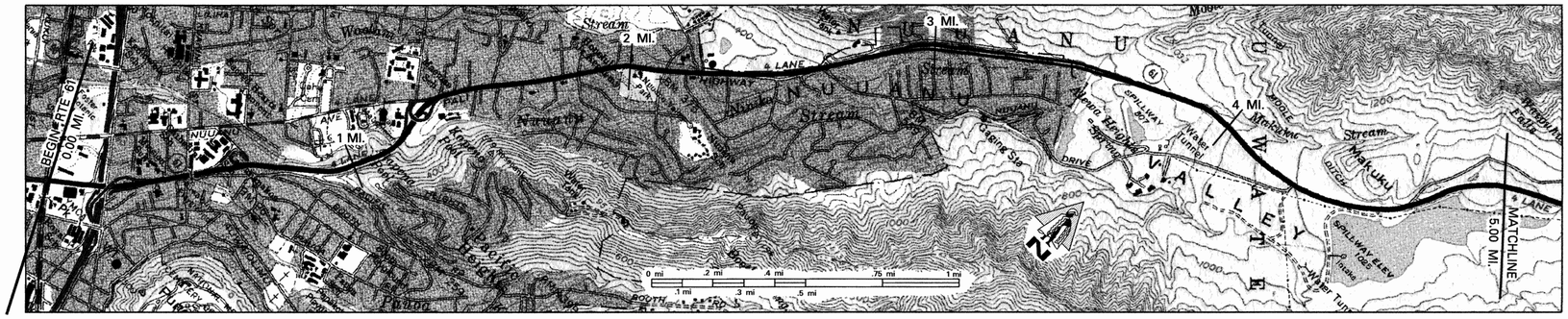
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	10.60	MILES (a+b)
a. Existing Length:	10.60	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	10.60	MILES (a+b, less c)
a. Existing Length:	10.60	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 _____


BEGIN RTE 61
0.00 MI.
1 Mi.
2 Mi.
3 Mi.
4 Mi.
5.00 MI.
MATCHLINE
4 LANE
Nuuanu Stream
Makukui Stream
Waiakeakua Stream
Kapalama Stream
Kapalama Canal
Kapalama Basin
Honolulu Harbor
Keehi Lagoon
Moanalua Stream
Halawa Stream
Aiea Stream
Waimalu Stream
Waiawa Stream
Waiau Stream
Waikele Stream
Kaloko Stream
Waiahole Stream
Waiahole Ditch
Waiahole Tunnel
Waiahole Intake
Waiahole Reservoir
Waiahole Spillway
Waiahole Outlet
Waiahole Tunnel Exit
Waiahole Tunnel Entrance
Kaneohe Bay Drive
Kaneohe Bay
Kaneohe
Kahaluu
Kaaawa
Punaluu
Hauula
Laie
Waimanalo
Kailua
Kaneohe Marine Corps Air Station
Kaneohe Marine Corps Base
Kaneohe Bay Drive
Pali Golf Course
Nuuanu Reservoir No. 1
Nuuanu Reservoir No. 2
Nuuanu Reservoir No. 3
Nuuanu Reservoir No. 4
Nuuanu Pali Drive
Pali Lookout
Old Pali Road
Old Pali Road Exit
Old Pali Road Entrance
Pali Highway
Pali Tunnel
Pali Tunnel Exit
Pali Tunnel Entrance
Pali Highway Exit
Pali Highway Entrance
Pali Highway Overpass
Pali Highway Underpass
Pali Highway Off-Ramp
Pali Highway On-Ramp
Pali Highway Bridge
Pali Highway Culvert
Pali Highway Interchange
Pali Highway Intersection
Pali Highway Roundabout
Pali Highway Traffic Signal
Pali Highway Pedestrian Crossing
Pali Highway Bicycle Lane
Pali Highway Bus Stop
Pali Highway Shelter
Pali Highway Restroom
Pali Highway Parking Lot
Pali Highway Scenic Overlook
Pali Highway Historical Marker
Pali Highway Memorial
Pali Highway Monument
Pali Highway Sign
Pali Highway Guardrail
Pali Highway Median
Pali Highway Barrier
Pali Highway Curb
Pali Highway Gutter
Pali Highway Sidewalk
Pali Highway Shoulder
Pali Highway Lane
Pali Highway Turn Lane
Pali Highway Merge Lane
Pali Highway Deceleration Lane
Pali Highway Acceleration Lane
Pali Highway Auxiliary Lane
Pali Highway Climbing Lane
Pali Highway Passing Lane
Pali Highway Truck Lane
Pali Highway Bus Lane
Pali Highway HOV Lane
Pali Highway Reversible Lane
Pali Highway Tidal Flow Lane
Pali Highway Contraflow Lane
Pali Highway Express Lane
Pali Highway Local Lane
Pali Highway Collector Lane
Pali Highway Arterial Lane
Pali Highway Freeway
Pali Highway Expressway
Pali Highway Conventional Highway
Pali Highway Rural Highway
Pali Highway Urban Highway
Pali Highway Suburban Highway
Pali Highway Residential Highway
Pali Highway Commercial Highway
Pali Highway Industrial Highway
Pali Highway Agricultural Highway
Pali Highway Recreational Highway
Pali Highway Scenic Highway
Pali Highway Historic Highway
Pali Highway Military Highway
Pali Highway Emergency Highway
Pali Highway Evacuation Route
Pali Highway Detour
Pali Highway Temporary Route
Pali Highway Permanent Route
Pali Highway Proposed Route
Pali Highway Abandoned Route
Pali Highway Realigned Route
Pali Highway Widened Route
Pali Highway Resurfaced Route
Pali Highway Reconstructed Route
Pali Highway Rehabilitated Route
Pali Highway Maintained Route
Pali Highway Unmaintained Route
Pali Highway Closed Route
Pali Highway Open Route
Pali Highway Seasonal Route
Pali Highway Year-Round Route
Pali Highway Toll Route
Pali Highway Free Route
Pali Highway Private Route
Pali Highway Public Route
Pali Highway State Route
Pali Highway Federal Route
Pali Highway County Route
Pali Highway City Route
Pali Highway Township Route
Pali Highway Village Route
Pali Highway Neighborhood Route
Pali Highway Subdivision Route
Pali Highway Industrial Park Route
Pali Highway Shopping Center Route
Pali Highway Airport Route
Pali Highway Harbor Route
Pali Highway Railroad Route
Pali Highway Bus Route
Pali Highway Truck Route
Pali Highway Bicycle Route
Pali Highway Pedestrian Route
Pali Highway Hiking Trail
Pali Highway Equestrian Trail
Pali Highway Jogging Trail
Pali Highway Nature Trail
Pali Highway Scenic Trail
Pali Highway Historic Trail
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Pali Highway Shopping Center Trail
Pali Highway Airport Trail
Pali Highway Harbor Trail
Pali Highway Railroad Trail
Pali Highway Bus Trail
Pali Highway Truck Trail
Pali Highway Bicycle Trail
Pali Highway Pedestrian Trail

ROAD INVENTORY

OAHU RTE 61

PALI HWY. – KALANIANAOLE HWY. – KAILUA RD.

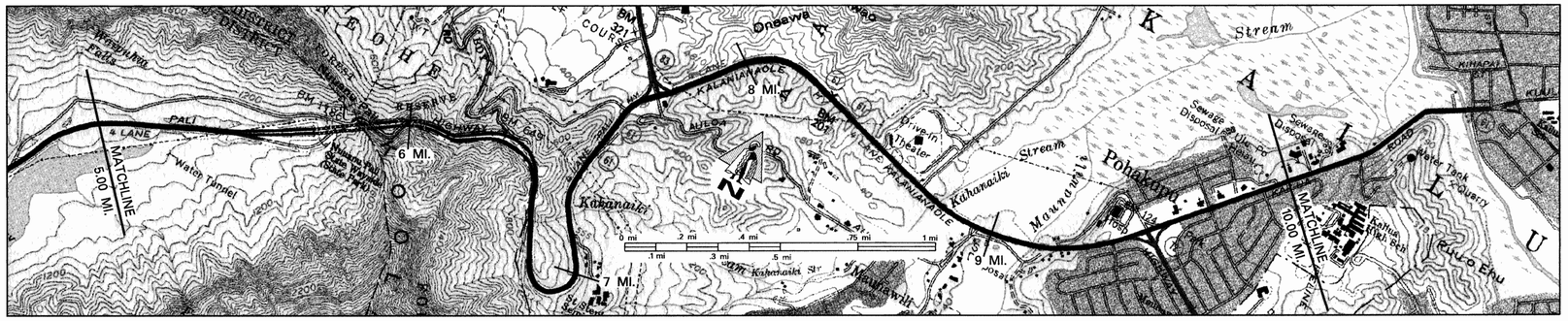
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	10.60	MILES (a+b)
a. Existing Length:	10.60	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	10.60	MILES (a+b, less c)
a. Existing Length:	10.60	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 _____


Nuuanu Reservoir No. 2
Nuuanu Reservoir No. 1
Nuuanu Pali Drive
Pali Lane
Waterfall
Water Tunnel
Nuuanu Pali State Park
Nuuanu Pali Lookout
Old Pali Rd.
Kamehameha Highway
Kalanianaole Highway
Kalanianaole Hwy.
Kahanaiki
Kahanaiki Stream
Manawahi
Manawahi Stream
Pohakupu
Pohakupu Stream
Olomana Golf Links
Driving Range
Driving Range
Driving Range

ROAD INVENTORY

OAHU RTE 61
KAILUA ROAD

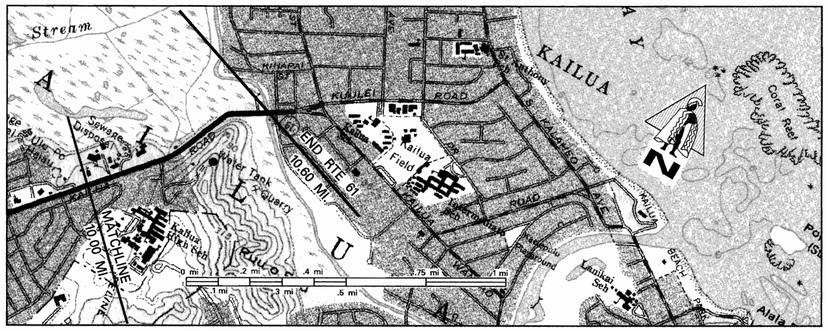
STATE OF HAWAII
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FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	10.60	MILES (a+b)
a. Existing Length:	10.60	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	10.60	MILES (a+b, less c)
a. Existing Length:	10.60	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Maintenance Control Sections : Length and Description
61 D (1.10 mi.) | End 61 D Same as End Route.

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Slab, H15, 1940 57' | Slab, H15, 1940 54'
- Vertical Clearance
- Horizontal Clearance: 25' | 25'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 100'–200'
Available Right of Way Width (Needs Study): Residential (Cable Net System)
Right of Way Fence: Type – Right and Left: Various | 20' FP | 10.29 | 10.83 (Ancored Wire Mesh)
Control of Access: 1–None, 2–Partial, 3–Full: Partial | 10.38
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State | 364+20
Project No., Type of Construction, and Year Constructed: HWY-0-03-09M, Median Imprv., 2010
Project No., Type of Construction, and Year Constructed: 344+00 | 10.22 | 61D-02-06, Landslide Mitigation, 2007 | 10.59 | 363+51.10



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2 — 10.00 mi.

Hanale Pl. | Private Rd. | Kawainui Br.

338+30

KAILUA RD.

344+00

10.61 MP
10.60 mi.

10.10 mi. | 10.22 mi. | 10.59 mi.

END ROUTE 61 ON KAILUA RD. AT THE NORTHEAST END OF KAWAINUI BR. — 10.60 mi.

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Divided Highway — Undivided
- Shoulder: Width and Type 9.50 mi. – 10.60 mi. (5' Bike Lane Included In Shoulder Width).: 10.07 | 10' AC
- Pavement: Width and Type: 22' AC
- Shoulder: Width and Type: 0'–2' AC
- Median: Width and Type: 24' Raised Grass | 2'–9' Raised Grass | 10.24 | 10.58 | (24' Raised Grass)
- Median Barriers:
- Shoulder: Width and Type: 0'–2' AC
- Pavement: Width and Type: 22' AC
- Shoulder: Width and Type 9.50 mi. – 10.60 mi. (5' Bike Lane Included In Shoulder Width).: 4'–5' AC | 10.24 | 1.5' AC | 10.58 | (4'–5' AC)

Number of Traffic Lanes: 4–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .21 U-Turn Only | .38 U-Turn Only
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): 10.07 | 2' AC | 6' Conc. | 7' Conc.
Curb and/or Gutter: Type (Right and Left): Conc. C&G
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts.): 10.05 | 10.24 | 10.49
Illumination: Type, Location and Number: 40 HPS (Continued)
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Urbanized–Small (43669)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling (2) | 10.22 | Rolling (2) Mountainous (3) | 10.52 | (Rolling (2))
Speed: 1–Design, 2–Posted: 35 MPH (2) | 25 MPH (2) | (Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing: 10.42 | 10.51
Traffic Stations (Current Year): B72 0061 00950
HPMS Section – AADT 2011: 28,300
HPMS Section – AADT 2010: 26,000 | 10.60
HPMS Section – AADT 2009: 27,500
DOD Sections: DOD 505 (Note: DOD 505 Continues for 1.47mi. on Kailua Rd. & Oneawa St. End DOD 505 at Intersection of Oneawa St. and Mokapu Blvd.)
Census Tracts
Functional Classification: Principal Arterial (3)
National Highway System (NHS): Not on NHS (0)
Previous Projects: Project No., Date and Limits: 344+95.74 | 10.24 | 362+02.47 | 10.58 | (61D-01-06, Temporary Lanes for Landslide, 2006)
STP-061-1(33), Shldr. Imprv. 2000
61 CD-01-92(M), 1993
61 BC-01-77(M), 1978 (R)
S-230 (2) 1950

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Date Released
Oct. 2002, D.B.

Revised	
Mar 03	D.B.
6/06	D.B.
3/07	D.B.
12/07	D.B.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

OAHU RTE 63
KALIHI ST. AND LIKELIKE HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

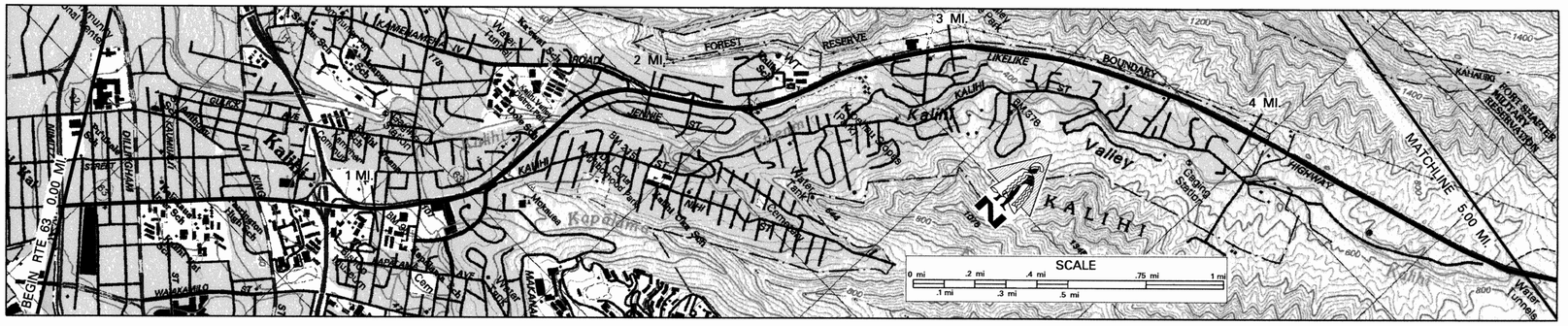
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 8.28 **MILES**

a. Survey Length: 8.28 **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 63A on Kalihi St. 9' North of E.P. of Nimitz Hwy — 63A (8.28 mi.)

Structure Carrying Road

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

42' Rdg Frame H–20, S16, 1960 | 145'–150' Rdg. Frame H 20 S16 1960 | 203' Deck Girder HS–20–44, 1959 | TBM 1960 | P/CB 1959

Vertical Clearance

Horizontal Clearance

18' | 28' (INB) ; 32' (OUTB) | 37' (INB) 28' (OUTB)

Structure Over Road

Vertical Clearance

15'–9" | 18'

Horizontal Clearance

49' | 34'

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

50' – 100' | 120' – 300' | 120' – 400'

Available Right of Way Width (Needs Study)

Commercial / Residential | Mountainous (Banana Patches & Forest Reserve)

Right of Way Fence: Type – Right and Left FP = From Pavement

5' FP | 8' FP | 5' FP | 20' FP | 8' FP | 10' FP | 20' FP | 8'–10' FP | 25'–50' FP

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

None | Partial

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

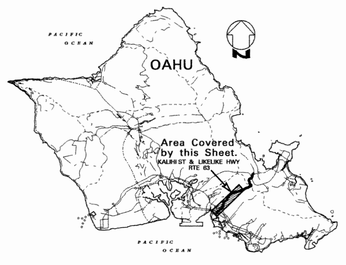
State

Project No., Type of Construction, and Year Constructed

CM–STP–063–1(21), Resurf., 2003

Project No., Type of Construction, and Year Constructed

63A–02–89 (imprv.) 1992 | (63A–01–86M (R) 1987) STP–063–1(20) (R) 1997 | NH–063–1(19) Resurf. 1997 | 63A–01–86M (R) 1987 | 63A–01–89M (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

Begin Rte 63 on Kalihi Street at the North edge of pavement of Nimitz Highway (Rte 92) 0.00 mi.

Kalihi St. 0.01 mi. | Kanakanui St. 0.05 mi. | Kahili St. 0.10 mi. | Hau St. 0.15 mi. | Cohuna St. 0.19 mi. | Dillingham Blvd. 0.24 mi. | Eluwene St. 0.29 mi. | Kaumualii St. 0.33 mi. | Ahuula St. 0.38 mi. | Kahanu St. 0.42 mi. | Ashford St. 0.47 mi. | Akina St. 0.51 mi. | Kuhio St. 0.55 mi. | Kamehameha Homes 0.62 mi. | Day Pl. 0.67 mi.

Ramp to H1 0.75 mi. | Ramp from H1 0.78 mi. | H1 Underpass 0.80 mi. | Ramp to H1 0.80 mi. | Ramp from H1 0.95 mi. | Becker St. 0.74 mi. | Houghtailing St. 0.77 mi. | Ramp to H1 0.82 mi. | Ramp from H1 0.86 mi. | H1 Overpass 0.87 mi.

KALIHI STREET

1 MP 1.01 mi.

Ramp to H1 0.99 mi. | Barrette St. 0.99 mi. | Fernandez St Rd. to Bishop Museum 1.03 mi. | School St. 1.15 mi. | Kalihi St. Access 1.28 mi. | Kalihi St. 1.42 mi. | Gulick Ave. 1.58 mi. | Kalihi Str. Br. 1.66 mi. | Kono St. 1.77 mi. | Kam IV Access Kam IV Rd. 1.94 mi. | Alu St. 2.01 mi. | Pedestrian O.P. Kuo Koles Dr. 2.14 mi. | Wilson St. 2.34 mi. | 2 MP 1.98 mi. | Nalanihia St. 2.33 mi. | Emmeline Pl. 2.67 mi. | Railway View Dr. 2.93 mi. | Rd. to Testing Lab 2.88 mi. | Runaway Truck Ramp 2.88 mi. | 3 MP 2.99 mi. | Burmeister O.P. (Hwy U.P.) 4.16 mi. | ECB 4.84 mi. | ECB 4.98 mi.

LIKELIKE HIGHWAY

Continued on Sheet 2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway Undivided

Shoulder: Width and Type

0 | 2' AC | 2' AC / 4' Conc. | 2' AC | 4'–6" AC

Pavement: Width and Type

36' AC | 40' AC | 44' AC | 40' AC | 32' AC | 12' AC | 36' AC | 48' AC | 33' AC | 22' AC | 24' AC

Shoulder: Width and Type

0 | 0 | 2' AC | 4'–6" AC | 5' AC

Median: Width and Type

9'–42' Raised Grass with Curb | 24' Raised Grass w/ Curb | 12' Raised Grass with Curb | 4' Steel & Conc. Barriers w/o Glare Screen | 2' Steel Barriers | 2' AC Curb | 2' Concrete Barriers

Median Barriers: —x—x—x— = Chain Link ——|—— = Guardrail ——— = 2' Concrete Barrier w/ Glare Screen

Shoulder: Width and Type

(12' AC) | (2' Conc. Gutter) | 2' AC | 4'–6" AC | 5' AC

Pavement: Width and Type

14' AC | 24' AC | 36' AC | 24' AC

Shoulder: Width and Type

0 | 2' AC | 4'–6" AC | 2' AC / 2' Grass | 4'–6" AC

Number of Traffic Lanes

2–10' 2–8' | 4–10' | 2–10' 1–12' 1–14' | 1–12' 2–12' | 3–12' | 4–12' | 3–11' | 2–11' 2–12' | 2–11'

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

(Right Side)

10' | 12' | 11' TL

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

Sidewalk: Width and Type (Right and Left)

10' Conc. | 6' Conc. S.W. | (6" Conc.) | 4' Conc. | 6' Conc. S.W. | 6' B.P. S.W.

Curb and/or Gutter: Type (Right and Left) M.C.C. = Mountable Concrete Curb

10' Conc. S.W. | 4' Conc. | 1' 12" Conc. G. | 4' Conc. | 3' B.P. | 6' B.P. | 2' Conc. C.&G. | Conc. Curb | 2' Conc. C.&G. | Conc. Curb | AC Gutter | (2' Conc. G.) | Conc. Gutter | M.C.C. | (Conc. G.)

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

Illumination: Type, Location and Number

M.V. | 34 HPS | 148 HPS (to 5.35mi.)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Urbanized–Large (39889)

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

Flat (1) | Rolling (2)

Speed: 1–Design, 2–Posted

25 MPH (2) | 35 MPH (2) | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

2 Phase | 4 Phase | 2 Phase | 2 Phase | 3 Phase | 2 Phase

Traffic Stations (Current Year)

B72 0063 00000 | B72 0063 00024 (B72 0063 00082) (20,529) | (B72 0063 00074 & 00086) (12,115)+ | B72 0063 00095 | B72 0063 00115 | B72 0063 00128 | B72 0063 00142 | B72 0063 00238

HPMS Sections – AADT 2011

11,600 | 14,500 (19,700) | 15,300 | 54,400 | 51,400 | 37,900 | 37,673 | 33,872 | 28,700

HPMS Sections – AADT 2010

(20,327) | (11,996)+

HPMS Sections – AADT 2009

10,700 | 14,800 (23,300) | 13,600 | 60,200 | 57,223 | 38,100 | 37,303 | 33,540 | 29,000

(20,126) | (11,877)+

DOD Sections

11,200 | 12,600 (22,600) | 14,600 | 65,200 | 56,656 | 38,700 | 36,934 | 33,208 | 26,700

DOD 475 | DOD 480

Census Tracts

Functional Classification

Minor Arterial (4) | Principal Arterial (3) | Freeway & Expressway (Connecting Link) (2)

National Highway System (NHS)

Not on NHS (0)

Previous Projects: Project No., Date and Limits

(63A–01–88 (Sidewalks) 1991) | 63A–01–86M (R) 1987 | F–063–1(17) (Add Lanes) 1986 | F–063–1(16) (Add Lanes) 1986 | 63A–01–86M (R) 1987 | 63A–01–76M (Resurface) 1976 | 63A–01–67 (R), 1967 | 63A–03–76M (Resurface) 1976 | 63A–08–70 (Resurface) 1970 | 63A–02–68, 1970 | 63A–01–74, 1974 | US–0630(2), 1958 | US–S–0630(1), 1956 | S–0630–(3), 1958

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Feb 2001, D.B.

Revised	
Mar. 04	*D.B.*
6/06	*D.B.*
Aug. 10	*D.B.*
Jan. 11	*D.B.*
Feb., 12	*D.B.*
Sept., 12	*D.B.*

ROAD INVENTORY

OAHU RTE 63
LIKELIKE HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

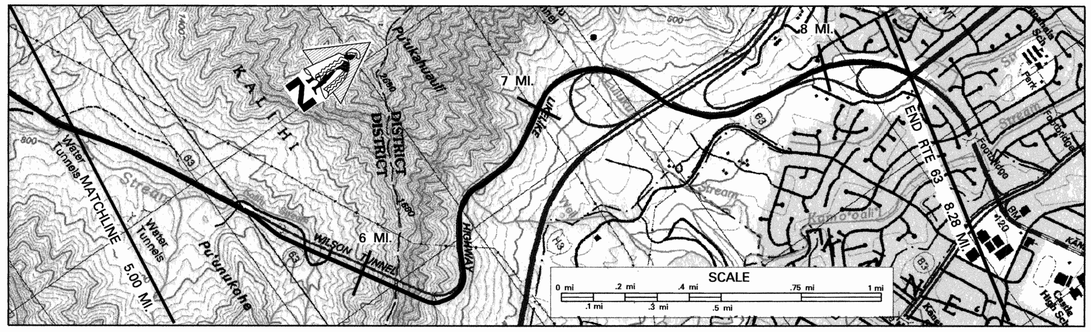
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 8.28 **MILES**

a. Survey Length: 8.28 **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

63A (8.28 mi.) — End 63A same as End Route

Structure Carrying Road

- **Bridges (Over 20'): Length, Type, Capacity and Year Constructed**: Culvert 1954 HS 20, 131'; 1958 2775' (S.B.) 1959 2813' (N.B.) Arch Mtn Tunnel
- **Vertical Clearance**
- **Horizontal Clearance**: 69'

Structure Over Road

- **Vertical Clearance**: 14' 9" (N.B.) | 15' 6" (S.B.)
- **Horizontal Clearance**: 24' (S.B.) | 24' (N.B.)

Right of Way Width (min.–max.) if varies: 120' – 400' (6.33); 160' (6.28); 120' (7.33); 150' – 180'

Available Right of Way Width (Needs Study): Mountainous (Banana Patches & Forest Reserve) (7.52, 8.27)

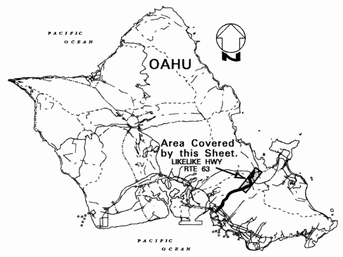
Right of Way Fence: Type – Right and Left: (7.46) (Chainlink) | (7.95) Chainlink

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 238+00 (5.68); 1+02 (6.28); State

Project No., Type of Construction, and Year Constructed: STP-063-1(22), Wilson Tunnel Imp., 2006 (6.28) (I.B.) (O.B.); HWY-O-06M, Resurf., 2007 (53+70)

Project No., Type of Construction, and Year Constructed: CM-STP-063-1(21), Resurf., 2003 (5.75); 2+40 (6.33); 63A-01-89M, (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

5.00 mi. CONTINUED FROM SHEET 1

Rd. to Water Reserve (5.03 mi.); Begin Wilson Tunnel (5.09 mi.); Tunnel ECBs (5.57 mi.); End Wilson Tunnel (5.75 mi.); Lookout (6.28 mi.); Paved Road (6.58 mi.); On-Ramp from H-3 (6.93 mi.); H-3 Overpasses (7.03 mi.); Off Ramp to H-3 / Off Ramp to Kahekili Hwy (7.24 mi.); Emergency Escape Ramp (7.48 mi.); On Ramp from Kahekili Hwy (7.72 mi.); 8.18 mi.

ECB; 5 MP; 7 MP

South Bound Lanes are 0.03 mi. Shorter

6.29 mi. / 6.29 MP / 6.28 mi. LIKELIKE HIGHWAY

241+90; (-) 0+32

Tunnel ECBs: 5.82 mi., 5.87 mi., 5.92 mi., 5.96 mi., 6.01 mi., 6.05 mi., 6.09 mi., 6.14 mi., 6.16 mi., 6.23 mi.

END ROUTE 63 ON LIKELIKE HWY AT THE SOUTHWEST EDGE OF PAVEMENT OF KAHEKILI HIGHWAY (RTE 83). 8.28 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

- **Shoulder: Width and Type**: 8'–10' AC (5.40); 4'–6' AC (5.75); 0 (6.28); 6'–8' AC (7.38); 8'–10' AC
- **Pavement: Width and Type**: 24' AC; 24' PCC (6.30); 24' AC
- **Shoulder: Width and Type**: 2'–4' AC (5.88); 0; 2'–4' AC (6.82); 4'–6' AC (7.38); 8'–10' AC

Divided Highway

- **Median: Width and Type**: 2' Concrete Barriers; 4'–40' Grass; Tunnels (20' Grass) (6.35); 4' Concrete & Steel Barrier
- **Median Barriers:** —|— = Guardrail ——— = Concrete Barrier ●— = Terminal Impact Attenuator
- **Shoulder: Width and Type**: 4'–6' AC (5.72); 0; 2'–4' AC (6.89); 4'–6' AC (7.33); 8'–10' AC
- **Pavement: Width and Type**: 24' AC; 24' PCC (6.33); 24' AC (7.23); 36' AC (7.82); 24' AC (8.18); 36' AC
- **Shoulder: Width and Type**: 8'–10' AC (5.57); 6'–8' AC (5.75); 0; 8' Grass (6.83); 2'–4' AC (7.02); 8'–10' AC

Number of Traffic Lanes: 2–11' / 2–12' (5.38); 4–12'; 2–12' / 3–12' (7.23); 4–12' (7.82); 2–12' / 3–12' (8.18)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (7.77)

(Right Side): (7.85)

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

Sidewalk: Width and Type (Right and Left): MCC (5.39); AC Gutter (5.45); MCC (5.48); MCC | Conc. G. (5.57); MCC (5.58); Conc. (5.64); MCC (5.71); Conc. Gutter (6.30); MCC (6.54); MCC (6.61); MCC (6.68); MCC (6.76); MCC (6.83); MCC (6.92); MCC (7.02); MCC (7.18); AC G. (7.29); AC Gutter (7.38); AC Gutter (7.48); AC Gutter (7.58); AC Gutter (7.64); (AC Gutter) (7.91); (AC Gutter) (7.94); AC Gutter (8.05); AC Gutter (8.21)

Curb and/or Gutter: Type (Right and Left): MCC = Mountable Conc. Curb

Protective Devices: Type, Location and Number: Metal on Metal unless otherwise noted; 5.12 | 5.29; Conc. Curb (6.28); (Conc.) (6.28) | (6.35); (Conc.) (7.07) | (7.10); (Conc.) (7.21)

Illumination: Type, Location and Number: from 2.93 mi. 148 HPS (5.35); M.V. (6.28); S.V. (6.51); Sodium Vapor (L) &(R) (6.55)

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: Urbanized–Large (39889) (6.28); Mountainous (3) (7.70); Urbanized–Small (43669); Rolling (2) (5.90); Rolling (2)

Speed: 1–Design, 2–Posted: 45 MPH (2) (5.52); 35 MPH (2) (6.43); 45 MPH (2) (7.23); Traffic Lights (7.78); (7.84) (B72 0063 00818)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B72 0063 00238 (5.75); B72 0063 00575 (6.28); B72 0063 00628; B72 0063 00723 (7.82); B72 0063 00782 (8.19)

HPMS Sections – AADT 2011: 28,700; 30,279; 29,400; 38,600; 42,900; 39,800

HPMS Sections – AADT 2010: 29,000; 29,982; 29,982; 38,827; 38,827; 37,300 (6.28)

HPMS Sections – AADT 2009: 26,700; 29,685; 29,685; 38,443; 38,443; 39,300

DOD Sections: DOD 480

Census Tracts

Functional Classification: Freeway & Expressway (Conn. Link) (2)

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

Previous Projects: Project No., Date and Limits: 63A-01-89M, (R) 1990; 63A-03-76M, (R) 1976 (5.35); 63A-08-70, (R) 1970 (5.21); S-0630-1(3), 1968 (5.35); 63A-03-76M (Resurface) 1976 (6.34); 630A-03-68, 1968 (6.32 | 6.35); County Job #26-53; FR-0300(11) (Resurface) 1981 (7.33); U.S.-3-0630(4), 1955 (7.30)

SCALE: (In Miles) 4" = 1 mile

Date Released
Feb 2001, D.B.

Revised	
Apr. 04	*D.B.*
6/06	*D.B.*
3/07	*D.B.*
12/07	*D.B.*
Aug. 10	*D.B.*
Jan. 11	*D.B.*
Feb., 12	*D.B.*
Sept., 12	*D.B.*

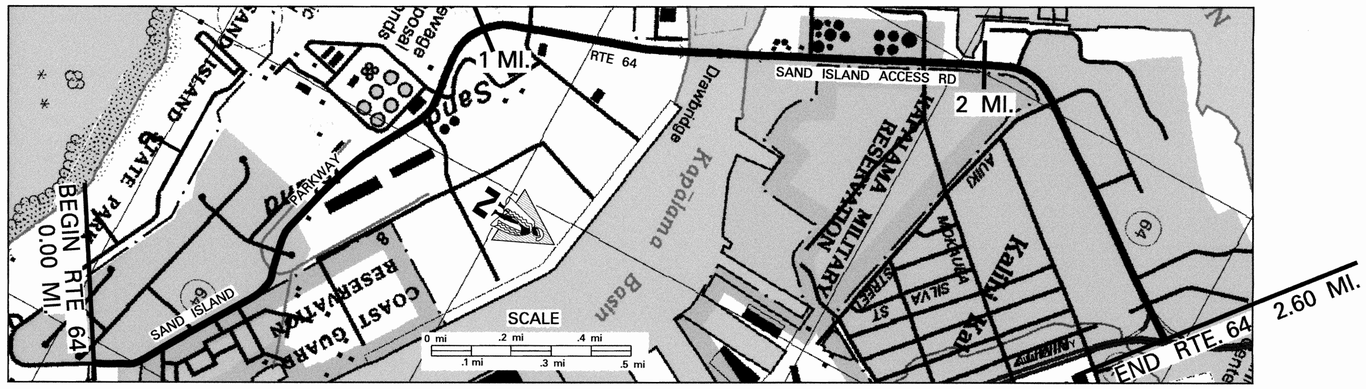
ROAD INVENTORY
OAHU RTE 64
SAND ISLAND PARKWAY & ACCESS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 2.61 miles
a. Survey Length: 2.61 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3

Maintenance Control Sections : Length and Description

64 A (2.60 mi.) — End 64 A on Sand Island Parkway 49' from E.P. of Nimitz Highway 2.60

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Navigational Control: Vert: 35' Horiz:250' High Water to Soffit=16.6'
Inb.: Steel Girder Deck Truss 692.5', 1962 HS-20
Outb.: Prestressed Conc. Girder (New) 670', 1990, HS 20-44

Vertical Clearance
Inb.: 32'
Outb.: 32' + 8' Bikelane

Horizontal Clearance

Structure Over Road
Vertical Clearance
Horizontal Clearance

Right of Way Width (min.–max.) if varies
Est. 100' | 100'–120'

Available Right of Way Width (Needs Study)

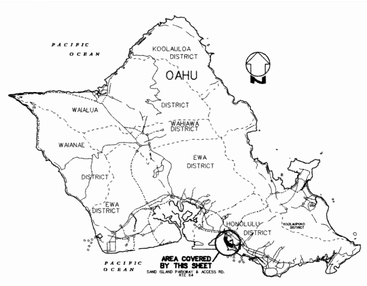
Right of Way Fence: Type – Right and Left Footage is the Distance of Fence from Pavement.
Hollow Tile 8' / Chain Link 6' | Chain Link 8' / Chain Link 8' | Industrial Area | Chain Link 15'-20' / Chain Link 10' | Chain Link 4' | Chain Link 15'-20' | Chain Link 15'-20' | (Chain Link 20') | Chain Link 15'-20'

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
STA 66+79.83 NH-064-1(8), 2005 Bascule Br. Deck Replacement
STA 52+98 (92A-01-00, Imprv., 2003)

Project No., Type of Construction, and Year Constructed
NH-064-1(5) Resurf. 1996 | (BR-F-064-1(2) Widening 1990) | STP-064-1(6) Resurf. 1996



Road Diagram

* MP = Milepost Signage

BEGIN RTE 64 ON SAND ISLAND PARKWAY 0.00 mi. ON THE CENTERLINE MONUMENT AT THE ENTRANCE TO SAND ISLAND PARK.

Driveway 0.13 mi. | Ulupono St. 0.20 mi. | Coast Guard Sta. Entrance 0.25 mi. | Makepono St. 0.43 mi. | Driveway 0.64 mi. | Driveway (L) Entrance to Matson Piers (R) Begin Divided Hwy 0.68 mi. | Driveway 0.74 mi. | Sewage Treatment Plant Ent. 0.82 mi. | Gate (#1) Piers 51B, 52, 53 0.87 mi. | Road (R) 0.87 mi. | Road "A" (Marine Ed Cntr Boat launch) (Pier 51A) (L) 1.10 mi. | Truck Off-load Area (Gated Rd.) 1.23 mi. | Access to T.W.S. 1.28 mi. | Eastern Sts. C2020B Truck Weighing Station 1.28 mi. | Access from T.W.S. 1.36 mi. | Begin Bascule Bridge 1.40 mi. | Paved Road (R) 1.53 mi. | End Bascule Bridge 1.53 mi. | Keehi Boat Harbor Access Rd. (L) 1.64 mi. | Ent. to Ono Sand Island Rd. (R) Marine Ctr.) (R) 1.86 mi. | Road #2 1.96 mi. | End Divided Hwy 1.96 mi. | Begin Divided Hwy & Pavd Road 2.02 mi. | Pahounui Dr. (L) Auiki St. (R) 2.12 mi. | Kalawa St. 2.24 mi. | Pahounui Dr. 2.31 mi. | Hoonee Pl. 2.49 mi. | Spurs (L)&(R) Alahao Pl. 2.55 mi. | 2.57 mi.

Sand Island Parkway — Sand Island Access Rd.

Indicates Grass & / or Physical Barrier on Median.

END RTE 64 ON SAND ISLAND ACCESS RD. AT THE SOUTH EDGE OF PAVEMENT OF NIMITZ HIGHWAY (RTE 92). 2.60 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3

Divided Highway — Undivided

Shoulder: Width and Type
0 (12' AC) | 1.10 2' AC | 1.40 2' PCC | 1.53 2' AC | 1.60 0 | 1.89 0'–10' AC | 15' Gravel 2.18 | 15' AC 2.41 | 2' AC

Pavement: Width and Type
24' AC | 0.66 26' AC | 0.87 28' AC | 1.08 26' AC | 26' PCC | 26' AC | 24' AC | 48' AC | 24' AC | 28' AC

Shoulder: Width and Type
0 | 0 | 1.80 28' Dirt | 0 | (0'-6' Paint)

Median: Width and Type
0.64 0'–12' Painted | 0.91 0'–22' Raised Grass, Conc. Curb & Gutter | 8' Raised w/ Conc Curb, G.R., Conc. Barriers, G.R. 1.59 | 1.96 0'–14' Paint (0'-8' Raised Grass Conc. Curb & Gutter) | 2.22 0'-6' Raised Grass with Curb | 6'–12' Raised Grass with Curb

Shoulder: Width and Type
0 | 1.40 | 1.44 | 1.48 | 2.04 | 2.12 0

Pavement: Width and Type
12' AC | 26' AC | 1.11 24' AC | 1.28 24' PCC | 1.29 24' AC | 24' PCC | 24' Steel | 26' PCC | 1.53 26' AC | 1.63 26' AC | 24' AC | 38' AC | 36' PCC

Shoulder: Width and Type
0 | 0.82 0.87 2' AC 1.08 | 1.15 0 | 2' PCC | 2' AC | 2' PCC | 2' Steel | 2' PCC | 2' AC | 1.83 0 | 1.90 | 10'–15' Grs. 2.13 | 15'–20' AC 2.50 | 6' Bike Lane (AC)

Number of Traffic Lanes
2–12' | 1-12', 1-12' | 2-14' | 1-14', 1-12' | 2-12' | 2-11' | 3-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
8' Bike Lane | 1-12' | 0.82 1-12', 1-14' | 1.11 2-12' | 1.49 1-12', 1-14' | 5' Bike Lane | 2-12' | 2.44

(Right Side)
0.68 0.78 0.82 (1-11' T.L.) (1-11' Accel. Lane) | 1.18 (1-12' T.L.) | (1-12' T.L.) 1.64 | 1.70 1.81 1.86 1.95 | 2.05 2.12 2.20 | 2.24 2.27 2.31 | 2.42 2.45 2.49 | 2.53 2.55

8' Bike Lane | 0.84 0.87 0.92 | 1.03 1.10 1-14' (Truck Pullover Lane) 1.27 | 1.59 | 5' Bike Route | 6' Bike Lane

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

Sidewalk: Width and Type (Right and Left)
6' Conc. | 8' Conc. | 6' Conc. 1.93 | 6' Conc. 1.96 | 2.57

Curb and/or Gutter: Type (Right and Left)
2' Conc. Curb & Gutter | 0.80 Conc. Curb | 0.88 4' AC 1.10 10' AC 1.18 | Conc. Curb 1.40 | 1.53 Conc. Curb 1.59 | Conc. Curb 1.95 1.97 | Conc. Curb 2.41 2.53 (Conc. Curb)

Protective Devices: Type, Location and Number Note: Metal Rails on Metal Posts Unless Otherwise Noted.
Conc. w/ Metal Rail 1.11 | 1.24 1.28 1.37 1.40 Conc. 1.54 | 1.58

Illumination: Type, Location and Number
0.68 24 HPS Lamps 1.41 | 1.76 12 HPS Lamps 1.96

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Urbanized–Large (39889)

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

Speed: 1–Design, 2–Posted
25 MPH (2) Not Posted 0.42 | 25 MPH (2) | Not Posted 25 MPH (2) 2.28

Intersection Control Devices: Type, Location and Cycle Timing
0.82 Truck U-Turn Traffic Signal 1.34 | 1.40 Drawbridge Signal Lights 1.53 | 1.58 3 Phase | 2.12 3 Phase Traffic Light | 3 Phase Traffic Light 3.60

Traffic Stations (Current Year)
B72 0064 00000 | B72 0064 00025 | B72 0064 00066 | B72 0064 00082 | B72 0064 00110 | B72 0064 00164 | B72 0064 00212

HPMS Sections – AADT 2011
1,200 | 9,300 | 14,200 | 13,400 | 12,800 | 16,160 | 18,000

HPMS Sections – AADT 2010
1,200 | 9,300 | 8,539 | 17,400 | 12,600 | 16,000 | 23,582

HPMS Sections – AADT 2009
1,200 | 5,500 | 8,454 | 13,600 | 15,200 | 15,700 | 23,349 2.60

DOD Sections
0.25 | 0.66 DOD 280 1.10 | 1.64

Census Tracts
CT 57 | 1.41 CT 57.99 1.47 | 1.64 CT 59.99 | CT 59

Functional Classification
Principal Arterial (3)

National Highway System (NHS)
Not on NHS (0) 0.25 | On NHS (1)

Previous Projects: Project No., Date and Limits
1.20 F-064-1(14) 1991 | 1.34 1.40 BR-064-1(3) 1993 | 1.64
1.54 64A-01-82M (Resurf) 1982
0.75 BR-F-064-1(2) Widening 1990 | 1.98
0.34 46-OL-12 (Realign) 1982 Department of Land and Natural Resources | 1.41 | 1.54 (64A-01-87M (Rehab) 1988) | 2.16 640A-01-74 1974 DAWR 5(1) 1945

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3

Date Released
Feb 2004 D.B.
Revised
Apr. 04 D.B.
Oct. 04 D.B.
6/06 D.B.
Aug. 10 D.B.
Jan. 11 D.B.
Feb., 12 D.B.
Sept., 12 D.B.

ROAD INVENTORY

OAHU RTE 65

KANEOHE BAY DR. – MOKAPU SADDLE RD. – MOKAPU BLVD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

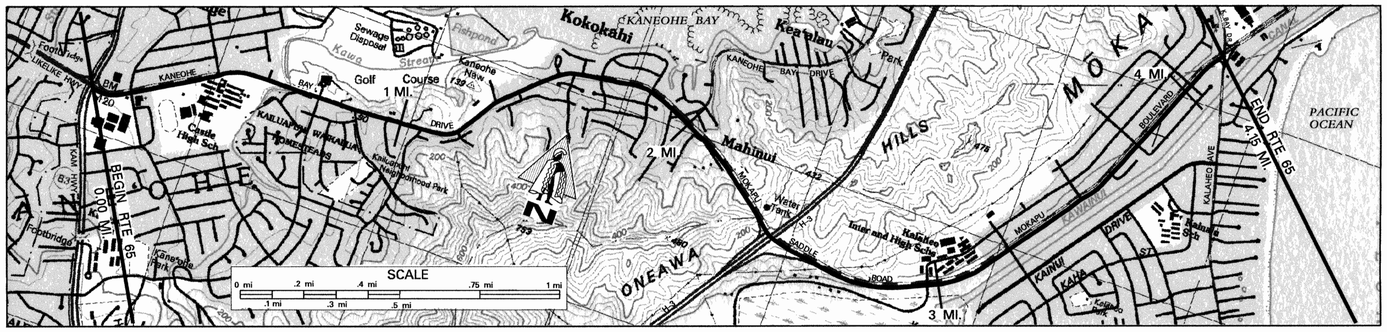
Total Route Length: 4.15 miles

a. Survey Length: 4.15 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

Beg. 65A – on Kaneohe Bay Dr. 62' NE of NE. Edge of Pavement of Kam. Hwy. | 65A (1.98 mi.) | End 65A – Begin 65B on Kaneohe Bay Drive at Nanamoana St. (East Spur). | 65B (2.13 mi.) | End 65B Mokapu Blvd. 170' S.W. of S.W. Edge of Kalaheo Avenue.

Structure Carrying Road

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

Slab 1939 – H15 | Slab 1952 Ped. O.P. | CBG 1971 Both InB. & OutB.

Vertical Clearance

23' | 42' | 169'

Horizontal Clearance

39'

Structure Over Road

Vertical Clearance

16' | 18' (L) & (R)

Horizontal Clearance

34' | 53' (L) 52' (R)

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

100' – 155' | 145' – 420' | 110'

Available Right of Way (Needs Study)

Residential Area | Mountainous | Residential Area

Right of Way Fence: Type – Right and Left

ChainLink 10' from Edge of Pavement | ChainLink 15'–25' from Edge of Pavement

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

Partial

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

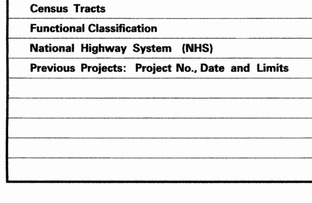
State

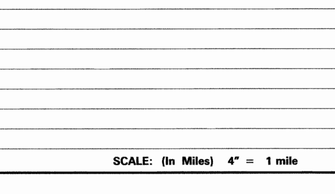
Project No., Type of Construction, and Year Constructed

STA 20+00 | STA 35+27.70 | STP-065-1(9) Improve, 2005 | (65A-02-90, 1993 Inter. Impr.) (65A-03-90, 1993 Inter. Impr.) | (65A-01-90M,1991) | 65B-01-01M Shldr., 2002 | STP-065-1(7) 2000 | (STP-065-1(4) Traffic Light 1996)

Project No., Type of Construction, and Year Constructed

65A-01-90M (R) 1991 | 65A-01-89 1991 | H3M-01-90M Resurf., 1992 | 65B-01-87M (R) 1987 | (630C-01-74, 1974 (R))





Road Diagram

* MP = Milepost Signage

Begin Rte 65 0.00 mi. at the Northeast edge of Pavement of Kam Hwy. (Rte 83).

KANEOHE BAY DRIVE | MOKAPU SADDLE RD. | MOKAPU BLVD.

Makalaini St. (L) 0.11 mi. | Aumoku St. (R) 0.34 mi. | Ent. to Castle High School 0.39 mi. | Puohala St. 0.50 mi. | Eng. Divided Hwy Entrance 0.51 mi. | Nohea Pl. & Beg. Divided Hwy 0.55 mi. | Begin Divided Hwy Puaae Rd. Kawa Br/End Divided 0.65 mi. | Mokulele Dr. 0.66 mi. | End Divided Hwy Keana Rd. 0.73 mi. | Nohonani Pl. 0.83 mi. | Namoku St. 0.84 mi. | Begin Divided Hwy Moaaka Pl. 0.94 mi. | End Divided Hwy 1.06 mi. | Begin Divided Hwy 1.12 mi. | Miha St. 1.17 mi. | End Divided Hwy 1.28 mi. | Begin Divided Hwy 1.30 mi. | Ent. to YWCA 1.40 mi. | End Divided Hwy 1.51 mi. | Mikilola Dr. West Inter 1.57 mi. | Kakoi Pl. 1.60 mi. | Beg. Divided Hwy 1.65 mi. | Kakoi Pl. 1.67 mi. | End Divided Hwy 1.68 mi. | Mikilola Dr. East Inter. 1.83 mi. | Mikilola Dr. 1.92 mi. | Nanamoana St. (R) 1.99 mi. | Nanamoana St. Spur 2.06 mi. | Kahenani Pl. (R) 2.10 mi. | Kaneohe Bay Dr. (L) 2.12 mi. | Ramp to H-3 S.B. 2.20 mi. | Ramp to H-3 (Urban Boundry) 2.34 mi. | H-3 Overpasses 2.43 mi. | N.B. 2.44 mi. | S.B. 2.45 mi. | Ramp from H-3 N.B. 2.55 mi. | Ramp from H-3 N.B. 2.65 mi. | Kapaa Quarry Rd. (R) 2.96 mi. | Kaneohe High School (L) | Onaawa St. (R) 3.24 mi. | Iliipilo St. (L) | Iliikuponо St. 3.52 mi. | Iliki Pl. 3.64 mi. | Illimalia St. (L) 3.76 mi. | Illimalia Lp. (R) | Illiwahi Lp. (L) 4.01 mi.

STA 22+77 | STA 35+27.70 | 1.73 mi. | 2.06 mi. | 2.12 mi. | 2.20 mi. | See Detail | N.B. | S.B.

End Rte 65 on Mokapu Blvd. at the Southwest edge of pavement of Kalaheo Ave (R) and Kaneohe Bay Dr. (L) 4.15 mi.

Indicates Physical Barrier on Median.

Divided Highway

Undivided

Shoulder: Width and Type

0' | 6' AC | 2' AC / 2' Grass | 4'–6' AC | 10' AC | 0'

Pavement: Width and Type

24' AC | 12' AC | (24' AC) 12' AC | 24' AC | (24' AC) 12' AC | (22' AC) 12' AC | 11' AC | 12' AC | 24' AC | 30' AC

Shoulder: Width and Type

0' | 5' Shared Bike Lane | (8'–10' AC) 0' | 4' AC/4' Grass | 0' (4' AC 4' Grs.) | 0' | 0' | 2'–4' AC | 0' | 10' AC | 2' AC

Median: Width and Type

18' Grass Raised | (10' Painted AC) | 10' Painted AC | 11' Painted AC | 11' Painted AC | 10' Painted AC | 24' Raised Grass (24' Painted AC) | 24' AC Raised) | 4' Barrier | 28' Grass Raised

Median Barriers: ⊢ = Guardrail ━ = Conc. Barrier

Shoulder: Width and Type

0' | 0' | 0' | 0' | 0' | 2' AC | 10' AC | 2' AC

Pavement: Width and Type

24' AC | 8'–10' AC | 12' AC | 12' AC | 12' AC | 12' AC | 11' AC | 24' AC | 30' AC

Shoulder: Width and Type

0' | 5' Shared Bike Lane | 8'–10' AC | 4' AC/ 4' Grs. | 4' AC/ 4' Grs. | 10' AC | 0' | 10' AC | 0'

Number of Traffic Lanes

4–12' | (L) 1–12' (R) 2–12' | 2–12' | 2–11' | (L) 1–12' (R) 2–12' | 4–12' | (L) 1–13', 1–17' (R) 1–13', 1–17'

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

10' Conc. Lanes | 11' AC T.L's | 10' AC T.L's

(Right Side)

9' TL's | 8' AC TL's | 12' AC T.L's

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

Sidewalk: Width and Type (Right and Left)

10' Conc. SW | 3' AC | 8' Conc.

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

8' Conc. Curb | 6' Conc. SW | Curb | 8'–10' Conc. | Curb | Conc. C/G | Conc. Curb

Protective Devices: Type, Location and Number All Metal Rail on Metal Post unless otherwise noted.

Illumination: Type, Location and Number

17 HPS | Mercury Vapor | None | Mercury Vapor

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Urbanized–Small (43669)

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

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

Speed: 1–Design, 2–Posted

35 MPH (2) | 30 MPH (2) 35 MPH (2) | 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

3 Ph. | 3 Ph. | 3 Ph.

Traffic Stations (Current Year)

B72 0065 00000 | B72 0065 00045 | B72 0065 00172 | B72 0065 00199 | B72 0065 00234 | B72 0065 00265 | B72 0065 00324

HPMS Sections – AADT 2011

17,400 | 20,014 | 20,014 | 15,900 | 22,800 | 25,767 | 9,500

HPMS Sections – AADT 2010

16,400 | 19,818 | 19,818 | 15,900 | 23,900 | 25,515 | 10,900

HPMS Sections – AADT 2009

15,300 | 19,622 | 19,622 | 15,100 | 21,500 | 25,262 | 8,900

DOD Sections

DOD 510 | DOD 515

Census Tracts

106.01 106.02 | 107.02 | 107.01 | 110 | 109.01

Functional Classification

Principal Arterial (3)

National Highway System (NHS)

Not on NHS (0)

Previous Projects: Project No., Date and Limits

6300A-01-80M (R) 1981,80 S-230(1) 1950 | S-0630(10) 1970 | 65A-01-90M 1991 | S-0630(11) 1971 | S-0630(11) 1968 | 65B-01-87M (R) 1987 | S-0630(6) 1958

Date Released
Dec. 2003, D.B.
Revised
Aug. 04 D.B.
6/06 D.B.
Aug. 10 D.B.
Jan. 11 D.B.
Feb., 12 D.B.
Sept., 12 D.B.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

ROAD INVENTORY

OAHU RTE 72
KALANIANAOLE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

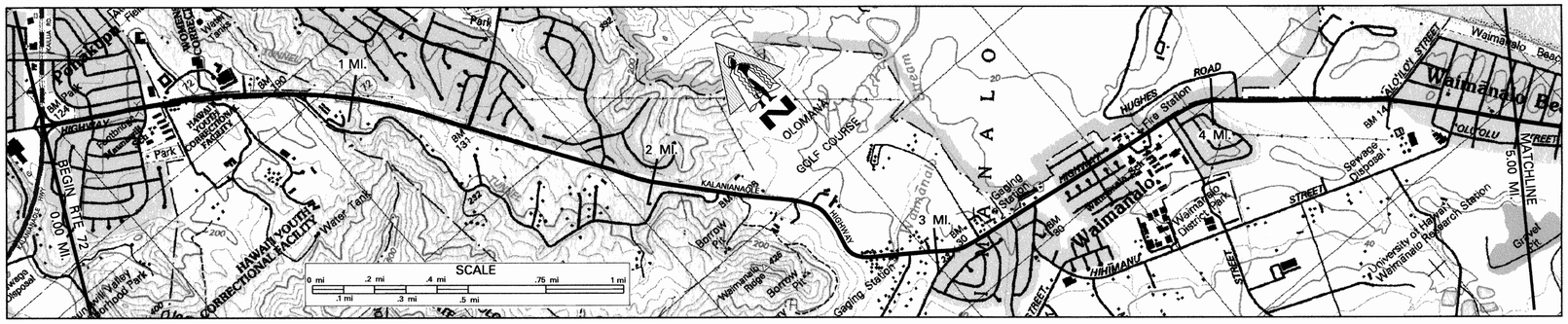
Total Route Length: 18.44 miles

a. Survey Length: 18.44 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 72 A 32' S.E. OF S.E. E.P. OF KAILUA ROAD | 72 A (5.25 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- PED. O.P. P/CB, 1967, 118', 0.30
- TEE BEAM, 1924, H-10, 53', 2.89, 33', 3.29
- BOX CULVERT, 1986, HS-20-44, 16', 3.99

Vertical Clearance
- 23' | 23' | 46'

Horizontal Clearance

Structure Over Road

Vertical Clearance
- 16'-7"

Horizontal Clearance
- 42'

Right of Way Width (min.–max.) if varies
- 120'–340' (1.32) | 120'–280' (2.43) | 50'–170' (2.85) | 50' (3.97) | 100' (4.88)

Available Right of Way Width (Needs Study)
- RESIDENTIAL (0.80) | TREES AND BUSHES & CUT SLOPES | TILE WALL | TREES BUSHES AND PASTURE

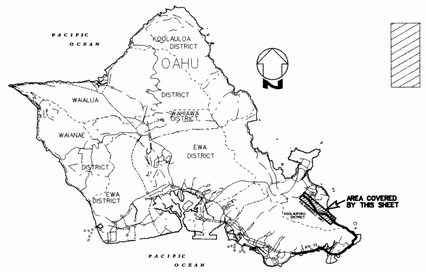
Right of Way Fence: Type – Right and Left (CL = CHAINLINK, FP = FROM PAVEMENT)
- WOOD ON ROCK WALL 23' F.P. (0.32) C.L. (0.41) WIRE ON WOOD 30' F.P. (0.80) | C.L. (2.31) 30' F.P. (2.58) C.L. (2.86) | (3.42) (3.55) (3.58) (3.77) CL (3.86) (3.95) | CHAIN LINK (4.08) WOOD ON WOOD (4.14) (4.55)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- 0+40 | STATE

Project No., Type of Construction, and Year Constructed
- 8+10 (0.15) (HWY-O-03-09M, MEDIAN IMPRV., 2010) | 106+00 (2.00) 72A-02-06, MEDIAN IMPRV., 2010 (2.77) | 146+10 (3.35) (3.44) (72A-01-06, Imprv., 2007) | (72 AB-01-88M RESURFACE 1988) (4.99)

Project No., Type of Construction, and Year Constructed
- 72A-01-96M (R) 1997



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN RTE 72 ON KALANIANAOLE HIGHWAY AT THE SOUTHEAST EDGE OF PAVEMENT OF KAILUA ROAD (RTE 61).

SPUR SPUR (0.03 MI.) | ULUPUNI ST. (0.06 MI.) | KEOLU DRIVE (0.15 MI.) | KANAPUU DR. (0.32 MI.) | OLD KALANIANAOLE HWY (0.30 MI.) | OLOMANA GOLF LINKS "NEW TOWN" COUNTRY STABLES (0.39 MI.) | END DIVIDED HWY (0.42 MI.) | WAIMANALO BR. (0.54 MI.) | FLAMINGO ST. (0.65 MI.) | KUMUHAU ST. (0.84 MI.) | SADDLE CITY DR. (0.96 MI.) | HUMUNIKI ST (1.38 MI.) | KAHAWAI STR. BRIDGE (1.82 MI.) | MEKIA ST. (1.97 MI.) | BEG. DIVIDED HWY (2.21 MI.) | POALIMA ST. (2.45 MI.) | END DIVIDED HWY (2.51 MI.) | MOOLE ST. (2.61 MI.) | WAIKALOA ST. (2.85 MI.) | WAIMANALO PUBLIC SCHOOL (2.91 MI.) | ENTRANCE (3.05 MI.) | EXIT (3.13 MI.) | ACCESS RD. (3.16 MI.) | INOAOLE ST. (3.23 MI.) | 4 MP (3.26 MI.) | ROAD TO BELOWS AIRFIELD (3.30 MI.) | BEG. DIVIDED HWY (3.35 MI.) | INOAOLE BR. (3.40 MI.) | END DIVIDED HWY (3.56 MI.) | WAIMANALO BEACH RECREATION AREA (3.66 MI.) | RANCH ROAD (3.70 MI.) | BEG. DIVIDED HWY (3.77 MI.) | END DIVIDED HWY (3.85 MI.) | ALOILOI ST. (3.88 MI.) | EHUKAI ST. (3.92 MI.) | HIHIMANU ST. (3.99 MI.) | HINALEA ST. (4.01 MI.) | KAULU ST. (4.06 MI.) | HILU ST. (4.08 MI.) | KALANIANAOLE HWY | 1 MP | 2 MP | 1.17 MI.

CONTINUED ON SHEET #2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type
- 7'–9' GRAVEL (0.80) | 8'–10' AC (2.81) | 4'–6' AC (4.10) | 8' GRAVEL (4.43) | 6' GRASS (4.83) | 12' GRASS

Pavement: Width and Type
- 24' AC | 12' AC (2.33) | 24' AC | 20' AC (3.08) | 24' AC | 10' AC 11' AC | 21' AC | 11' AC | 21' AC 10.5' AC | 21' AC

Shoulder: Width and Type
- 0 | 8'–10' AC (2.77) | 0 | 0 | 6' GRAVEL (3.42) 14' GRV. (3.80) 10' GRS. (3.88) | 0 | 0 | 5' GRV. | 0 | 5' GRV. (4.83) | 0

Divided Highway – Median

Median: Width and Type
- (24' RAISED GRASS) (0.07) 24' GRASS (1.17) | 24' AC | 2' CONC. RIDGED BARRIER GUARDRAIL (2.37) | 28' AC (2.77) (CENTERLINE RAISED RUMBLE STRIP) | 10' PAINT (3.30) (6' AC) (3.40) | 10' PAINT (4.01) (4.13) (4.25) | 10' PAINT (4.39)

Shoulder: Width and Type
- 0 | (TAPER 24'-12' AC) (RAISED RUMBLE STRIP ON LANE) | 0 | 0 | 0

Pavement: Width and Type
- 24' AC | (EDGELINE MILLED RUMBLE STRIP) (2.00) (2.09) (2.33) (2.38) 12' AC (2.51) | 10' AC 11' AC (3.39) | 11' AC | 10.5' AC

Shoulder: Width and Type
- 7' AC (0.15) 7'–10' BST (0.84) | 8'–10' AC (2.06) (2.12) (2.22) (2.32) (2.38) 6' AC (2.42) | (12' BUS TURN OUT) (2.81) | 0 (3.40) (3.43) | 0 (4.10) (5' GRV.) | 5' GRV.

Number of Traffic Lanes
- 2-12' 2-12' | 1-12' 2-12' (2.81) | 2-10' (3.08) | 2-12' (2-10') (3.36) (2-11') | 2-10.5' | 2-11' | 2-10.5'

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

(Right Side)
- (0.05) (0.10) (0.15) (0.27) (0.32) (0.37) (0.40) (0.47) (0.54) (0.59) (0.80) (0.84) (0.92) (1.29) (1.38) (1.48) (1.74) (1.82) (1.88) (2.09) (2.20) (2.28) (2.38) (2.45) (2.51) (2.57) 10' T.Ls 10' T.Ls (2.81) 10' T.Ls (3.32) (3.38) (3.43) (4.03) (4.11) (4.28) (4.36) (4.39)

Frontage Road: No. of Lanes, and Width (Right and Left)
- 12' T.L (2.12) (3.06) (3.04)

Sidewalk: Width and Type (Right and Left)
- 3' AC (2.80) | 3' AC | 3' CONC. (3.67) | 3' AC (3.98) (3.99) | 3' AC (4.07) | 3' AC (4.00)

Curb and/or Gutter: Type (Right and Left)
- AC CURB | CONC. C&G. | AC CURB (3.43)

Protective Devices: Type, Location and Number
- METAL ON CONC. (0.30) (0.36) (0.48) (0.55) (0.64) (0.70) (0.80) (1.01) (1.32) (1.38) (1.50) (1.63) (1.69) (1.75) (1.87) (1.91) (1.99) (2.00) (2.17) (2.20) (2.22) (2.29) (2.46) (2.52) (2.66) (2.70) (2.73) (2.78) (2.80) M/M (3.36) (3.41)

Illumination: Type, Location and Number
- 44 HPS (2.39) | MERCURY VAPOR (4.79)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Urbanized–Small (43669)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- FLAT (1) (0.32) | ROLLING (2) (2.66) | FLAT (1)

Speed: 1–Design, 2–Posted
- 35 MPH (2) (0.48) (0.62) | 45 MPH (2) (2.07) | 35 MPH (2) 35 MPH (2) (2.60) | 25 MPH (2) (3.08) | SCHOOL ZONE 25 MPH (2) (3.61) (3.70) (3.79) | 25 MPH (2) (4.09) | 35 MPH (2)
- PEDESTRIAN WALK LIGHT (3.70)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
- B72 0072 00000 (0.00) | B72 0072 00030 (0.30) | B72 0072 00084 (0.84) | B72 0072 00138 (1.38) | B72 0072 00233 (2.33) | B72 0072 00258 (2.59) | B72 0072 00281 (2.81) | B72 0072 00308 (4.08) | B72 0072 00408 (4.39) | B72 0072 00439

HPMS Sections – AADT 2011
- 27,300 | 31,300 | 26,600 | 21,300 | 23,302 | 23,302 | 23,302 | 17,962 | 14,400 | 16,935

HPMS Sections – AADT 2010
- 25,900 | 26,400 | 26,300 | 21,100 | 23,073 | 23,073 | 23,073 | 17,786 | 14,100 | 16,769

HPMS Sections – AADT 2009
- 25,600 | 29,500 | 25,900 | 21,500 | 22,845 | 22,845 | 22,845 | 17,610 | 14,800 | 16,603

DOD Sections
- DOD 310 (2.59) | DOD 311

Census Tracts

Functional Classification
- PRINCIPAL ARTERIAL (3) (2.59) | PRINCIPAL ARTERIAL (CONN. LINK) (3)

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

Previous Projects: Project No., Date and Limits
- 72A-01-88M (R), 1988 (0.77) | F-072-1(28), RESURFACE 1985 (2.86) | (72AB-01-88M (R), 1988) (4.99)
- 72A-01-79M (R) 1979 (0.79) | (F-072-1(15), 1976) (1.51) | 72A-01-71, 1976 (2.35) | F-072-1(15), 1976 (2.50) | 2.89 WDRC 1(7), 1946 (3.23) (3.27) (3.41)
- F-072-1(13) 1963 (0.79) | F-072-1(15) 1966 (0.84) | 72A-01-71, 1976 (1.40) | F-072-1(24) 1969 (2.26) | F-072-1(15), 1976 (2.43) | WDRC 1(7) 1946 (2.85) | COUNTY

SCALE: (In Miles) 4" = 1 mile

Date Released
JAN 05, D.B.
Revised
G.N. 5/06
D.B. 12/07
D.B. 8/10
D.B. 1/11
D.B. 2/12
D.B. 9/12

ROAD INVENTORY

OAHU RTE 72
KALANIANAOLE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

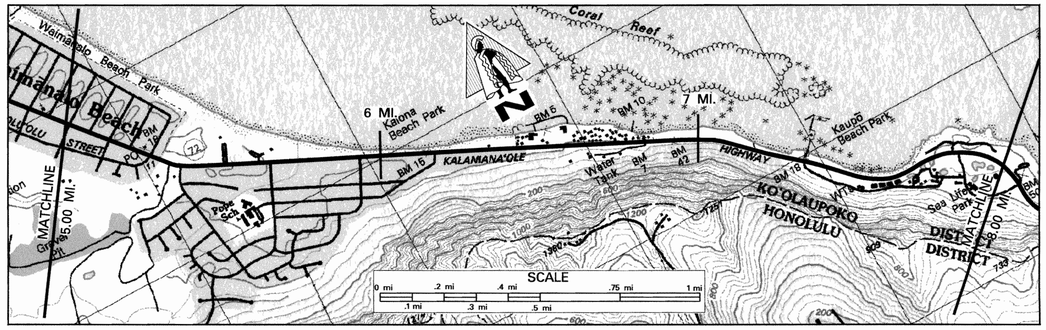
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

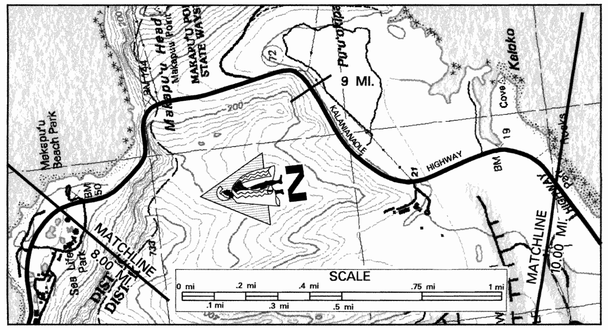
Total Route Length: 18.44 miles

a. **Survey Length:** 18.44 miles

b. **Proposed Length:** 0.00 miles

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





SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description

(72 A (5.25 MI.)) — END 72 A – BEGIN 72 B AT CENTERLINE WAILEA ST. (5.25) — 72 B (8.00 MI.)

Structure Carrying Road

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

PRESTRESSED CONCRETE GIRDER, 1972, HS–20 (62' at 5.50) — TEE BEAM, 1947 H–20 (70' at 5.79)

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

48' at 5.50 — 39' at 5.79

Horizontal Clearance

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

100' (5.50) — 80' (6.42) — 50'–165' (8.92) — 60'–100'

Available Right of Way (Needs Study)

TREES BUSHES & PASTURE (5.95) — BEACH (L), TREES & BUSHES (R) — RESIDENTIAL

Right of Way Fence: Type – Right and Left

(ROCK WALL) 7.23 / 7.48 — CHAINLINK FENCE 7.51 / 8.14 — (Impact Barrier Fence) 8.23 / 8.28 — (Boulder Barrier) 8.53 / 8.54 / 8.65 — CHAINLINK 9.49 / 9.69

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

NONE

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

STATE — STA 109+40.62 (7.36) — STA 125+96.72 (7.69) — 27+00 (8.06) — 156+00 (8.47) — 5+50 (8.45) — 183+50 (8.73)

Project No., Type of Construction, and Year Constructed

72B-01-99, 2005 Realignment — NH-072-1(51), IMPRV., 2011 — STP-072-1(46), Ph 1, Improvements, 2006 — STP-072-1(45), SHOULDER IMPROVEMENTS 2000

Project No., Type of Construction, and Year Constructed

72 AB–01–88M, RESURFACE 1988 — (72B-02-02, ROCK SCALING & PROTECTION 2003) (8.33 / 8.44)



Road Diagram

* MP = Milepost Signage

5.00 mi. CONTINUED FROM SHEET #1

MANANA ST. 5.07 MI. — ALAIHI ST. 5.12 MI. — PUUONE ST. 5.19 MI. — BEGIN DIVIDED WAILEA ST (L) 5.26 MI. — BEGIN DIVIDED OLUOLU ST (R) 5.30 MI. — NAKINI ST. 5.35 MI. — ALAKOA ST. 5.43 MI. — ROADS TO WAIMANALO PARK 5.51 MI. — END DIVIDED HWY 5.61 MI. — HULI ST. 5.64 MI. — CULVERT 5.70 MI. — NALU ST. 5.74 MI. — BELL ST. 5.92 MI. — KAIONA BEACH PARK 6.16 MI. — CULVERT 6.38 MI. — KALANIANAOLE HIGHWAY 6.63 MI. — BEGIN DIVIDED MAKAI RESEARCH PIER (L) 7.20 MI. — END DIVIDED HWY OCEANIC INSTITUTE RD. (R) 7.32 MI. — MAKAPUU BEACH ROAD 7.43 MI. — ENTRANCES TO SEA LIFE PARK 7.82 MI. — BEGIN DIVIDED RD. TO BEACH (L) 7.84 MI. — END DIVIDED HWY 8.02 MI. — CULVERT 8.04 MI. — BEGIN DIVIDED MAKAPUU LOOKOUT (ENT./EXIT, EXIT ONLY) 8.10 MI. — 176+15 — END DIVIDED MAKAPUU LIGHT HOUSE ROAD 8.30 MI. — BEGIN DIVIDED 8.46 MI. — WAIMANALU STREAM BRIDGE "HAWAII PRINCE GOLF COURSE RD." 9.46 MI. — WAIMANALU CANAL BRIDGE 9.75 MI. — BEGIN DIVIDED SANDY BEACH PARK WAY 9.93 MI. — 9.99 MI.

10.00 mi. CONTINUED ON SHEET #3.

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway — Undivided

Shoulder: Width and Type

12' GRASS (0'–1' AC) 2' AC — 6' GRASS — 6' GRASS — 6' AC — 4' AC 2' AC 5' AC 7'–10' GRAVEL — 5' AC 6'–20' AC 4' AC — 5' AC (SHARED BIKELANE/SHOULDER) — 5' AC — 5' AC

Pavement: Width and Type

21' AC — 12' AC — 22' AC — 22' AC — 22' AC — 11' AC (5' AC BIKELANE) 22' AC — 28' AC

Shoulder: Width and Type

0 — 0 — 8'–16' GRAVEL — 14'–16' GRASS — 12' GRASS — 0 — 2' AC / 10' GRASS — 4'–6' AC — 0 — 6' AC — 4'–10' AC — 0 — 5' AC

Divided Highway

Median: Width and Type

10' PAINT — 0 — 12' PAINT — 10' PAINT — 4' PAINT — 4'–15' PAINT

Shoulder: Width and Type

0 — 0 — 0 — 0

Pavement: Width and Type

12' AC — 12' AC — 11' AC — 11' AC

Shoulder: Width and Type

(2–11') 4' AC 2' AC — 2' AC/ 12' GRASS — 2' AC/10' GRASS — 4'–12' AC — 5'–8' AC

Number of Traffic Lanes

2–10.5' — 2–12' — 2–11' — 2–12' — 2–11' — 2–14'

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

12' T.l.s. — 11' 2-WAY (L) T.l.s. — 10' T.l.s. — 10' T.l.s. — ALL TLS 11' — 10' T.l.s.

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

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

METAL ON CONCRETE — CONC. BARRIER 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:

Urbanized–Small (43669) — Urbanized–Large (39889)

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

FLAT (1) — ROLLING (2) — MOUNTAINOUS (3) — FLAT (1) / MOUNTAINOUS (3) — FLAT (1)

Speed: 1–Design, 2–Posted

35 MPH (2) — 45 MPH (2) — 35 MPH (2) — 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B72 0072 00439 — B72 0072 00535 — B72 0072 00732 — B72 0072 00782 — B72 0072 00804 — B72 0072 00855 — B72 0072 00946

HPMS Sections – AADT 2011	16,935 / 15,200	9,000	10,985	8,600	11,189	8,800 / 12,215
HPMS Sections – AADT 2010	16,769 / 14,400	9,292	10,878	9,292	11,080	9,494 / 12,095
HPMS Sections – AADT 2009	16,663 / 14,800	9,200	10,770	9,200	10,970	9,400 / 11,975

DOD Sections — DOD 311 — DOD 312

Census Tracts

Functional Classification — PRINCIPAL ARTERIAL (CONN. LINK) (3)

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

Previous Projects: Project No., Date and Limits

72AB-01-88M, RESURF.,1988 — STP-072-1(45), SHOULDER IMPROVEMENTS 2000 (8.49) — (STP-072-1(42), WIDENING 1996) (9.96) — STP-072-1(40), 1993 (8.91) — HES-0300(23) 1985, SAFETY IMPROVEMENTS (8.41) — LT–0–01–79M (R), 1979 (8.26) — 72B-01-75M, 1975 — F-6(16), 1950 (8.92) — SDR 1(1), 1946 (9.67) — COUNTY (5.30)

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
JAN 05, D.B.
Revised
G.N. 5/06
D.B. 3/07
D.B. 8/10
D.B. 1/11
D.B. 2/12
D.B. 9/12

ROAD INVENTORY

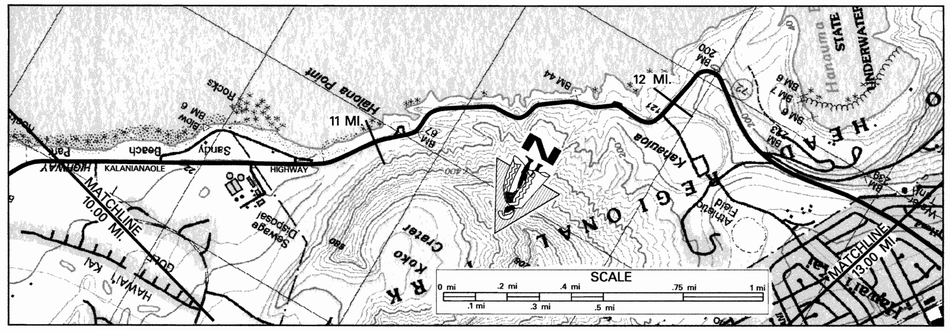
OAHU RTE 72
KALANIANAOLE HWY

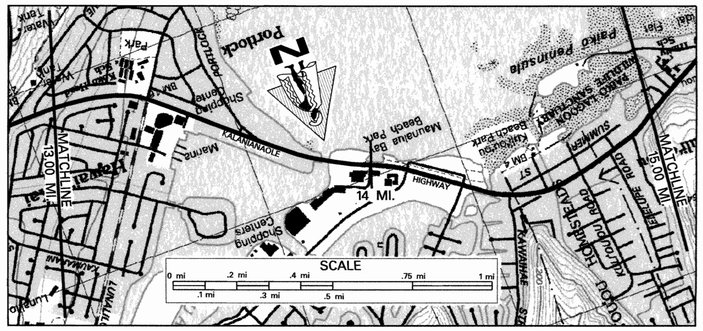
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 18.44 miles
a. Survey Length: 18.44 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

72 B (8.00 MI) | END 72 B – BEGIN 72 C ON KALANIANAOLE HWY AT THE CENTERLINE INTERSECTION OF LUNALILO HOME ROAD 13.26 | 72 C (5.20 MI.)

Structure Carrying Road

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

| | | |

ROAD INVENTORY

OAHU RTE 72
KALANIANAOLE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

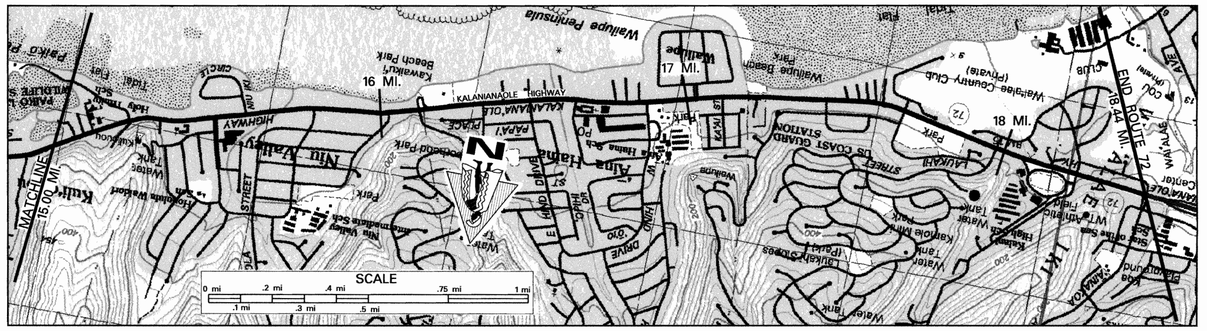
Total Route Length: 18.44 miles

a. Survey Length: 18.44 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Maintenance Control Sections : Length and Description

72 C (5.20 MI.)

Structure Carrying Road

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

SLAB, 1993, HS–20–44 — 75' — 97' — 66' TEE BEAM, 1955, HS–20 — 60' TEE BEAM, 1930, H–15

Vertical Clearance

15.66 — 15.63

Horizontal Clearance

28' (OUTBOUND) 36' (INBOUND)

Structure AND Road

Vertical Clearance

Horizontal Clearance

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

50'–165' (16.24) — 120' (16.80, 17.22) — 120'–135' (17.84)

Available Right of Way (Needs Study)

RESIDENTIAL AREA

Right of Way Fence: Type – Right and Left

15.62 (CHAINLINK FENCE) 15.69 — (CHAINLINK FENCE) 16.70 — TILE WALL 17.12 — 17.25 CHAINLINK FENCE 17.50 — TILE WALL 17.76 — TILE WALL 18.01 — CHAINLINK FENCE 18.31

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

PARTIAL

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

STATE

Project No., Type of Construction, and Year Constructed

16.81 NH–072–1(47), RESURF., 2002

Project No., Type of Construction, and Year Constructed

NH-STP-072-1(35), WIDENING, 1995 (15.48) — F–072–1(34)B, WIDEN & REALIGN, 1993 (16.47) — 72C–01–87M, (R), 1987



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #3.

15.00 mi.

PAIKO DRIVE (15.22 MI.) — EAST HALEMAUMAU ST. (15.47 MI.) — NIUKI CIR. (15.56 MI.) — NIU STREAM BRIDGE (15.66 MI.) — WEST HALEMAUMAU ST. (15.77 MI.) — HAWAII LOA ST. (16.04 MI.) — PARK ENTRANCE PUU IKENA DR. (16.10 MI.) — KIRKWOOD ST. (16.15 MI.) — EAST HIND DR. (16.30 MI.) — WAILUPE BR. (16.45 MI.) — NENUE ST. (16.53 MI.) — WAILUPE PL. (L) PUNAHELE PL. (16.62 MI.) — 16.80 MI. — WAILUPE CIR. (16.79 MI.) — US COAST GUARD WAILUPE BEACH PARK KAAI ST. (16.97 MI.) — WAA ST. (17.08 MI.) — KAIMOKU PL. (L) ANALII ST. (R) (17.16 MI.) — LAUKAHI ST. (R) (17.38 MI.) — KALANI HIGH SCHOOL ENTR. WAIHOLO ST. (L) (17.62 MI.) — IKI PLACE (17.93 MI.) — WAIELI ST. (L) (18.02 MI.) — TELEM. STA. 045 (18.12 MI.) — KALANIKI PL. (R) (18.20 MI.) — WEST HIND DR. (R) (16.82 MI.)

KALANIANAOLE HIGHWAY

END ROUTE 72 ON KALANIANAOLE HIGHWAY AT THE WEST EDGE OF PAVEMENT OF AINAKOA AVENUE (SAME AS END RTE–H1) 18.44 mi.

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Divided Highway — Undivided

Shoulder: Width and Type — 5' PCC BIKEWAY — 5' PCC BIKELANE — 6'–8' BIKEWAY

Pavement: Width and Type — (6'–23' RAISED SHRUBS) 33' AC

Shoulder: Width and Type — 2' AC — (6' SHRUBS) (6'–15' SHRUBS) (15.48) — 0 (16.52) (1'–12' GRASS) — 6' AC (18.41) — {0}

Divided Highway

Median: Width and Type — 2'–14' RAISED MEDIAN (GRASS & TREES) (15.49) — 6'–17' RAISED SHRUBS (15.99, 16.02, 16.18) — 25' GRASS & TREES (16.80) — 11' GRASS & TREES — {11' RAISED CONC.}

Median Barriers: — = CONC. BARRIER, = M/M GUARDRAILS — (15.06, 15.10, 15.17, 15.20, 15.28, 15.33, 15.40, 15.44)

Shoulder: Width and Type — 2' AC — (6'–12' RAISED SHRUBS) (16.31) — 0 — 6' GRAVEL — {0}

Pavement: Width and Type — 33' AC

Shoulder: Width and Type — 5' PCC BIKEWAY — 5' PCC BIKELANE — 6' AC BIKELANE (17.45) — 6' AC — 5' AC BIKELANE (18.20)

Number of Traffic Lanes — 6–11' (16.94, 16.99, 17.06, 17.08, 17.34, 17.41, 17.45, 17.60, 17.74, 17.97, 18.18, 18.32)

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) — 6' CONC. S.W. — 5' CONC. S.W. — 5' AC — 5' CONC. S.W. — ALL 5' CONC. S.W.

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

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

Illumination: Type, Location and Number — HIGH PRESSURE SODIUM (15.32, 15.45, 15.49) — SODIUM VAPOR (16.28, 16.33, 16.40) — MERCURY VAPOR (16.67, 16.81, 18.24, 18.42)

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes — (15.78) CONTRA–FLOW HOV, MORNING 5:00–8:30 AM

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Urbanized–Large (39889)

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

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

Intersection Control Devices: Type, Location and Cycle Timing — (15.08, 15.22) 3 PHASE (15.49, 15.91, 16.49, 16.62, 16.85, 17.00) 3 PHASE (17.63, 17.87, 18.28)

Traffic Stations – (Current Year) — B72 0072 01444 — B72 0072 01549 — B72 0072 01682

HPMS Sections – ADDT 2011 — 53,400 — 57,000 — 81,800

HPMS Sections – ADDT 2010 — 63,600 — 58,700 — 82,200 (18.44)

HPMS Sections – ADDT 2009 — 56,800 — 60,900 — 74,200

DOD Sections (15.49, 16.82)

Census Tracts — 2 (15.70, 16.08) — 3 (17.17) — 5 (4.01, 18.04, 4.02)

Functional Classification — FREEWAY & EXPRESSWAY (2)

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

Previous Projects: Project No., Date and Limits

16.31 — 72C–01–79M, RESURFACE, 1980
HWY–0–01–83M (R) 1983 (16.24) — 72C–01–87M, (R), 1987
(72C–01–75M, (R), 1975) (16.17) — 16.31 — 16.33 — T–9001–(18), 1973 (16.85) — 72 B–03–68 UNIT 2, 1970, (WIDENING) (17.96) — 72B–03–68 UNIT 1, 1969
C–72–01–63, 1963 (16.03) — WDRC 4 (1), 1946 (16.27) — F6 (18), 1956 (17.24) — F 6 (17), 1954

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Date Released
JAN. 05, D.B.

Revised	
G.N.	5/06
G.N.	8/10
G.N.	1/11
D. B.	2/12
D. B.	9/12

ROAD INVENTORY

OAHU RTE 76
FORT WEAVER ROAD – KUNIA ROAD

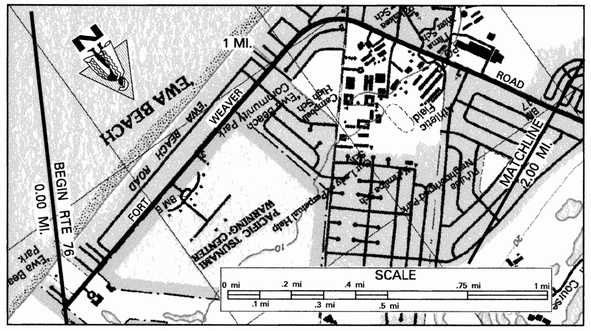
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

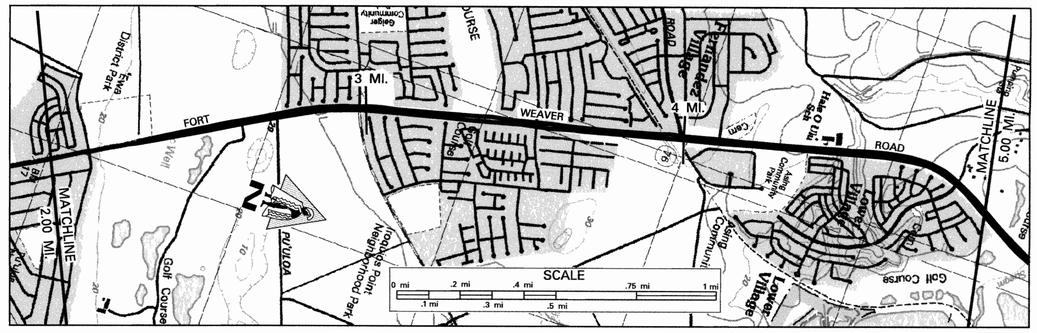
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 6.64 miles
a. Survey Length: 6.64 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

SAME AS BEGIN ROUTE | 76 A (3.99 MI.) | END 76A – BEGIN 76B ON FORT WEAVER ROAD AT THE CENTERLINE INTERSECTION WITH RENTON RD. (3.99) | 76 B (2.65 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
BOX CULVERT (CNL) 0.89 | CULVERT (STR) 1936 E9–H–15 1.04 | PRESTRESSED CONCRETE HS 20–44 4.36

Vertical Clearance
24' | 102'

Horizontal Clearance
30' | 42' INBOUND 42' OUTBOUND

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
50' – 60' 1.45 | 60' 1.83 | 160' 3.82 | 170'

Available Right of Way Width (Needs Study)
RESIDENTIAL 0.80 | RES (R), SUGAR (L) 2.16 | CLEAR 1000' SUGAR CANE 40' FP 4.12 | 4.22 | 4.47 | 4.55

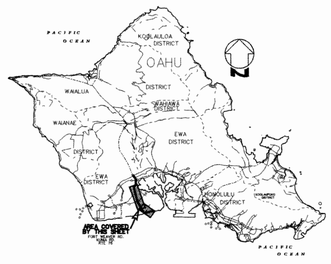
Right of Way Fence: Type – Right and Left CL = CHAIN LINK FP = FROM PAVEMENT
0.80 (CL 15' FP) 0.92 | 1.25 CL 18'–20' FP 2.15 | RETAINING WALLS

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
STATE 257+45

Project No., Type of Construction, and Year Constructed
2.81 CMAQ–076–1(9), ROAD WIDENING, 2010

Project No., Type of Construction, and Year Constructed
76A–01–91, IMPRV., 1991 0.89 | F–076–1(2), WIDEN & REALIGN., 1992 2.15 | STP–076–1(5), RESURF., 2000



Road Diagram
* MP = Milepost Signage

BEGIN RTE 76 ON FORT WEAVER ROAD AT FORT WEAVER GATE. 0.00 mi.

EWA BEACH RD. | NALOMELI PL. | PAVED ROAD | PARK ENTR. | BEGIN DIV. | NEW GOLF CLUB 0.02 MI. | NATIONAL OCEANOGRAPHIC ATMOSPHERIC ADMIN. | BEGIN DIV. | EWA BEACH RD. (R) | HAPALUA ST. | AEA RENAL BR. | PARISH DR. | POHAKUPUNA PARISH DR. | KUMOPELEKANE (L) | MONEHA PL. | ARKANAKA RD. | EXIT FROM SCHOOL ROAD (L) | PAPIPI RD. | KUHINA ST. | DRIVEWAY TO MALL | KAIMALIE ST. | BRIDGE #101 | KE ONE'ULA BLVD. (L) | ECB | KEAUNUI DR. | IROQUOIS RD. (RTE 7141) | GEIGER RD. (L) | KOLOWAKA DR. | 219+65 | RAILROAD TRACKS | ARIZONA RD. (R) | RENTON RD. (L) | KARAYAN ST. | EWA FAMILY CNTR. | EWA LANE HAUL RD. UNDERPASS | 'A'AWA DRIVE (R) OLD (L) WEAVER RD. (L) | ECB

FORT WEAVER ROAD

2 MP | 2 MP

KILAHA ST. (R) | NORTH RD. (R) | HANAKAHI ST. (R)

Indicates Grass & / or Physical Barrier on Median.

0.21 MI. | 0.50 MI. | 0.75 MI. | 0.92 MI. | 0.99 MI. | 1.06 MI. | 1.12 MI. | 1.16 MI. | 1.28 MI. | 1.34 MI. | 1.45 MI. | 1.52 MI. | 1.57 MI. | 1.63 MI. | 1.70 MI. | 1.76 MI. | 1.88 MI. | 1.94 MI. | 2.00 MI. | 2.11 MI. | 2.18 MI. | 2.58 MI. | 2.65 MI. | 2.97 MI. | 3.53 MI. | 3.94 MI. | 3.99 MI. | 4.10 MI. | 4.30 MI. | 4.36 MI. | 4.45 MI. | 4.84 MI. | 4.97 MI.

CONTINUED ON SHEET #2
5.00 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway – Undivided

Shoulder: Width and Type
10' CORAL & GRASS 4' AC BIKE ROUTE | 10' AC 0.92 | 8' AC 6' AC BIKE ROUTE | 10' AC | 10' BUS STOP | 5' AC | 33' AC | 2' AC

Pavement: Width and Type
(22' AC) 11' AC | 22' AC 0.69 | TAPER 11'–22' | 22' AC | 24' AC | 2.81

Shoulder: Width and Type
(4' AC BIKE ROUTE) (10' CORAL & GRASS) 0 | 4' AC BIKE ROUTE 10' CORAL & GRASS | 10' AC 0.92 | 0 | 4' AC

Divided Highway

Median: Width and Type
11' PAINT | 11' PAINT (FLUSH) 2.15 | 28' RAISED TREES AND SHRUBS

Median Barriers:
0.19 0.75

Shoulder: Width and Type
0 | 0 | 4' AC | 2' AC

Pavement: Width and Type
11' AC | TAPER 11'–22' 0.92 | 22' AC | 24' AC | 2.81 | 33' AC

Shoulder: Width and Type
(4' AC BIKE ROUTE) (10' CORAL & GRASS) | 10' AC 0.92 | 6' AC BIKE ROUTE 8' AC | 10' AC | 10' BUS STOP | 5' AC | 10' BUS STOP | 6' CONC. SIDEWALK

Number of Traffic Lanes
0.03 2–11' 0.92 | 4–11' 2.25 | 4–12' | 6–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ALL AUX. LANES ARE 12' UNLESS OTHERWISE INDICATED
2.11 2.25 | 2.77 2.92 3.12 3.16 | 3.40 3.53 3.65 | 3.87 3.99 4.04 4.10 4.17 | 4.38 4.41 4.46 4.45 | 4.75 4.87 4.83 4.91

(Right Side)
2.16 | 10' AC BIKEWAY (R)

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

Sidewalk: Width and Type (Right and Left)
1.30 4' RAISED AC 1.69 | 4.38 4.56

Curb and/or Gutter: Type (Right and Left)
2.58' CONC. CURB & GUTTER | 2.58' CONC. CURB & GUTTER | 2.58' CONC. CURB & GUTTER | 2.58' CONC. CURB & GUTTER

Protective Devices: Type, Location and Number
M/M | M/M

Illumination: Type, Location and Number
INCANDESCENT LIGHTS 2.06 | 50 H.P. SODIUM LAMPS 3.82 | HIGH PRESSURE SODIUM LAMPS

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Urbanized–Large (39889)

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

Speed: 1–Design, 2–Posted
35 MPH (2) 1.07 1.08 | 25 MPH (2) 2.11 | 35 MPH (2) 2.29 2.44 | 45 MPH (2) 2.58 | 45 MPH (2) 3.53 3.95 | 4.87

Intersection Control Devices: Type, Location and Cycle Timing
0.92 TRAFFIC LIGHT 1.28 | TRAFFIC LIGHT 1.45 | TRAFFIC LIGHT 1.63 | TRAFFIC LIGHT 1.70 | TRAFFIC LIGHT 2.11 | TRAFFIC LIGHT 2.97 | TRAFFIC LIGHT 3 PHASE 3.53 | TRAFFIC LIGHT 3 PHASE 3.95 | TRAFFIC LIGHT

Traffic Stations (Current Year)
B72 0076 00000 | B72 0076 00092 | B72 0076 00128 | B72 0076 00211 | B72 0076 00297 | B72 0076 00353 | B72 0076 00399

HPMS Sections – AADT 2011
2,100 | 5,400 | 19,300 | 32,500 | 41,400 | 56,100 | 61,400

HPMS Sections – AADT 2010
1,900 | 6,711 | 19,000 | 29,800 | 43,800 | 62,103 | 66,269

HPMS Sections – AADT 2009
2,100 | 6,645 | 18,900 | 29,000 | 43,574 | 61,488 | 65,613

DOD Sections
DOD 395 2.11 | DOD 400 3.53 3.89

Census Tracts
83 1.63 | 84 3.94 | 86.02

Functional Classification
MINOR ARTERIAL (4) 2.11 | PRINCIPLE ARTERIAL (3) 3.89 | FREEWAY & EXPRESSWAY (2)

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

Previous Projects: Project No., Date and Limits
1.26 7600A–01–83M, (R), 1983 | 2.16 F–076–1(1), WIDEN & REALIGNMENT, 1987 | 3.81 7600B–01–82, 1983, (CONST.) 4.61
760B–02–71 1971 | 2.78 760AB–02–72, 1972 3.17 | 3.82 760–AB–01–72 4.07 7600B–02–71, 1971 4.61 M–7600(2), 1982, (CONST.)

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Feb 05, DB
Revised
G.N. 5/06
D.B. 9/10
D.B. 1/11
D.B. 2/12
D.B. 9/12

ROAD INVENTORY
OAHU RTE 76
FORT WEAVER ROAD, KUNIA ROAD

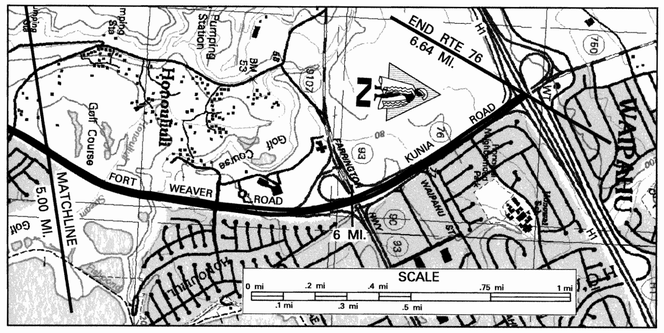
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 6.64 miles
- **a. Survey Length:** 6.64 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length: *** 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description
76 B (2.65 MI.) | END 76 B SAME AS END ROUTE

Structure Carrying Road
- **Bridges (Over 20'): Length, Type, Capacity and Year Constructed**: PRESTRESSED CONC. HS 20-44 | 257' | 5.98 | 42' INBOUND 42' OUTBOUND ; PRESTRESSED CONC. HS 20-44 | 270' | 5.58 | 42' INBOUND 54' OUTBOUND
- **Vertical Clearance**
- **Horizontal Clearance**

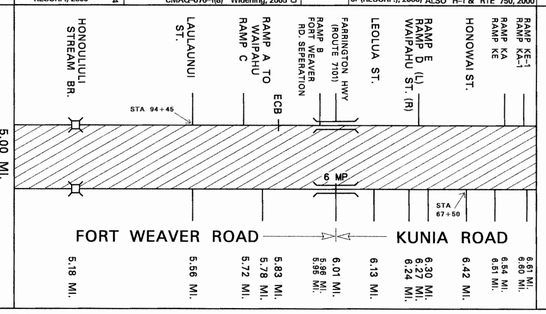
Structure Over Road
- **Vertical Clearance**
- **Horizontal Clearance**

- **Right of Way Width (min.-max.) if varies**: (170') 5.02 170'-340' 5.27 200'-1000' 6.01 170'-1500' 6.27 170'
- **Available Right of Way Width (Needs Study)**: CLEAR 1000' SUGAR CANE 40' FROM PAVEMENT | 5.98 | RES. (R), SUGAR (L)
- **Right of Way Fence: Type – Right and Left**
- **Control of Access: 1–None, 2–Partial, 3–Full**: PARTIAL
- **Jurisdiction, Transfer Phase No. and Date (C to S or S to C)**: STATE
- **Project No., Type of Construction, and Year Constructed**: 123+80 CMAQ-076-1(9) WIDENING, 2010 5.35 ; 94+45 ; 76+50 5.24 D HWY-0-01-04 Improv 2005
- **Project No., Type of Construction, and Year Constructed**: STP-076-1(5), RESURF., 2000 5.34 ; 123+95 CMAQ-076-1(8) Widening, 2005 5.55 ; (STP-076-1(13), (RESURF.), 2000) 6.05 IM-H1-1(219), (IMPRV.) SEE ALSO H-1 & RTE 750, 2000



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1



END RTE 76 ON KUNIA ROAD AT THE CENTERLINE OF H-1 FREEWAY O.P. (SAME AS BEGIN RTE 750) 6.64 MI.

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway – Undivided
- **Shoulder: Width and Type**: 5' AC | 10' AC | 12' CONC. 10' AC
- **Pavement: Width and Type**: 33' AC | 36' AC 5.90 24' AC | 24' CONC. 24' AC 6.27 36' AC
- **Shoulder: Width and Type**: 2' AC | 4' AC | 6' CONC. 12' AC 6.58 6' AC

Divided Highway – Divided
- **Median: Width and Type**: 28' RAISED TREES & SHRUBS 5.35 CONC. BARRIER 5.41 5.24 | 28' TREES & SHRUBS 5.89 (2' CONC. BARRIER) | CONC. BARRIER 6.03
- **Median Barriers:**
- **Shoulder: Width and Type**: 2' AC | 4' AC | 6' CONC. 10' AC
- **Pavement: Width and Type**: 33' AC | 36' AC 5.78 24' AC | 24' CONC. 24' AC 6.30 36' AC 6.42 24' AC
- **Shoulder: Width and Type**: 5' AC | 10' AC 5.90 | 12' CONC. 10' AC 6.27 6.00 20' AC

- **Number of Traffic Lanes**: 6-11' 5.35 | 3-12' | 2-12' | 3-12' | 2-12' | 3-12' | 2-12'
- **Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)** (ALL AUX. LANES ARE 12' UNLESS OTHERWISE INDICATED) **(Right Side)** (A = ACCEL. D = DECEL.): A 10' 5.72 5.78 | D 5.98 | D 6.08 6.26 6.29 | A 6.49 6.64 6.67 2 TL's 1-12' TL ; 5.35 5.47 5.52 5.58 5.70 5.78 D 6.31 A-D 6.51 6.61
- **Frontage Road: No. of Lanes, and Width (Right and Left)** (BIKEWAY FENCE 5.06 MI. – 5.18 MI. & 5.23 MI. – 5.35 MI.): 6' CONC. SIDEWALK | 10' AC BIKEWAY (R) | 5' BIKE LANE | 5' BIKE LANE | 8' AC BIKEWAY (R)
- **Sidewalk: Width and Type (Right and Left)**: 5.35 5.98 6.23 5.35 5.58 6.88 6.03 6.24 10' CONC.SW
- **Curb and/or Gutter: Type (Right and Left)**: (2.58' CONC. CURB & GUTTER) (2.58' CONC. CURB & GUTTER) | 4' CONC. GUTTER | 8' CONC. GUTTER | 4' CONC. GUTTER | 8' CONC. GUTTER
- **Protective Devices: Type, Location and Number**: M/M | M/M | M/M 5.92
- **Illumination: Type, Location and Number**: 5.09 5.23 HIGH PRESSURE SODIUM LAMPS
- **Curves: Degree of Curvature (Right and Left)**
- **Grades: % Grade, Positive or Negative**
- **HOV Lanes/Contra-Flow Lanes**
- **Vertical Curve: Crest or Sag, Curve Limits**
- **Area and Development:** Urbanized-Large (39889)
- **Terrain: 1–Flat, 2–Rolling, 3–Mountainous**: FLAT (1)
- **Speed: 1–Design, 2–Posted**: 45 MPH (2)
- **Intersection Control Devices: Type, Location and Cycle Timing**: 5.34 5.50 TRAFFIC LIGHTS 3 PHASE
- **Traffic Stations (Current Year)**: B72 0076 00399 | B72 0076 00534 | B72 0076 00578 | B72 0076 00601 | B72 0076 00642
- **HPMS Sections – AADT 2011**: 61,400 | 63,200 | 57,200 6.01 | 57,368 | 38,800
- **HPMS Sections – AADT 2010**: 66,269 | 62,405 5.78 | 51,326 | 56,800 6.42 | 34,762 6.54
- **HPMS Sections – AADT 2009**: 65,613 | 61,787 | 50,818 | 54,600 | 34,418
- **DOD Sections**: DOD 400 6.01 | DOD 180
- **Census Tracts**: 86.02
- **Functional Classification**: FREEWAY & EXPRESSWAY (2)
- **National Highway System (NHS)**: NOT ON NHS (0)
- **Previous Projects: Project No., Date and Limits**: 5.64 STP-076-1(13), (RESURF.), 2000 6.05 ; STP-076-1(5), (RESURF.), 2000 5.64 5.67 STP-076-1(3), (RESURF), 1994 ; M-7600(2), (CONST.), 1982 5.91 M-7600(1), (CONST.), 1982

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
FEB 05, DB

Revised	
G.N.	5/06
D.B.	9/10
D.B.	1/11
D.B.	2/12
D.B.	9/12

ROAD INVENTORY
OAHU RTE 78
MOANALUA FREEWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

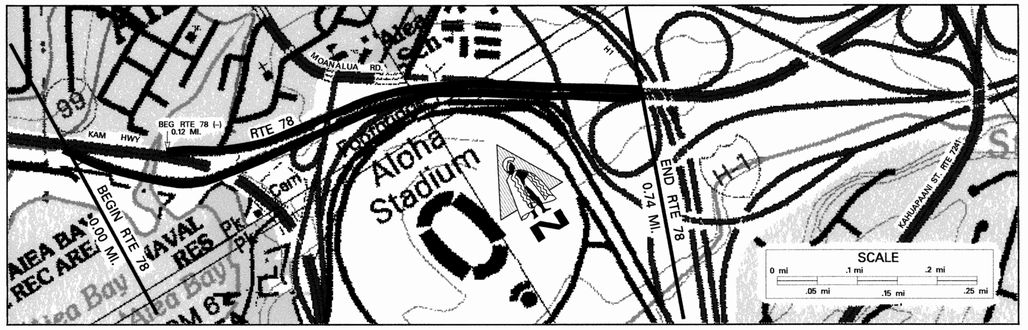
Total Route Length: 0.74 miles

a. Survey Length: 0.74 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

BEGIN 72 A SAME AS BEGIN ROUTE 78 | 78 A (4.75 MI.) | 78 A CONTINUES ON ROUTE H-201

Structure Carrying Road

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

STEEL GIRDER & FLOORBEAM, 1966 HS 20', 1035' (0.02) | PRESTRESSED BEAM, 1965 HS 20', 194' (0.34) | PEDESTRIAN, 1966, 148' (0.49) | P/S GDR, 1974, HS 20, 1852' (0.85)

Vertical Clearance

44' (0.02)

Horizontal Clearance

Structure Over Road

Vertical Clearance

16' 08" | 16' 03" | 16' 05"

Horizontal Clearance

50' | 54' | 78'

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

ESTIMATED 200'

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

CHAINLINK 30' FROM PAVEMENT (0.19 – 0.38) | CHAINLINK 20' FROM PAVEMENT (0.45 – 0.55)

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

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

STATE

Project No., Type of Construction, and Year Constructed

HWY-0-01-88M (INB. LN's), 1988, (R) (0.12)

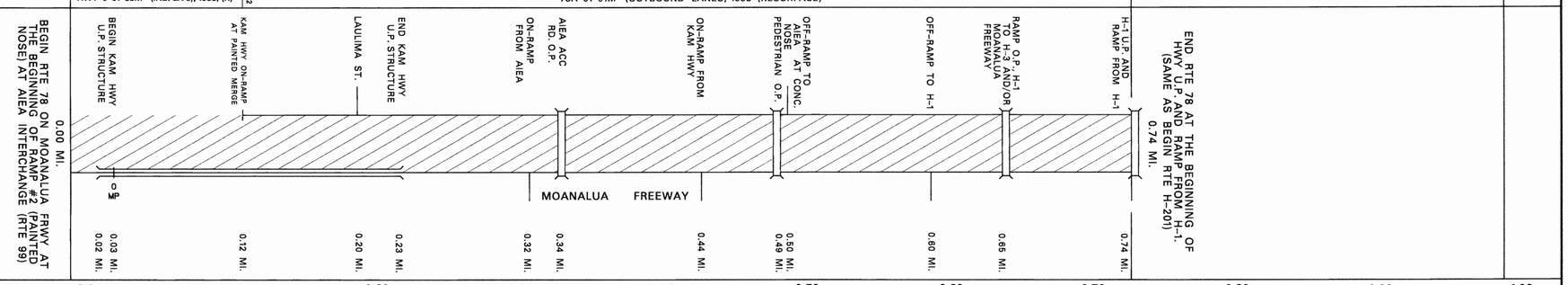
Project No., Type of Construction, and Year Constructed

78A-01-91M (OUTBOUND LANES) 1993 (RESURFACE)

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 20" = 1 mile

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

Divided Highway – Undivided

Shoulder: Width and Type

NONE (0.58) | 10' AC

Pavement: Width and Type

0' | 24' AC (0.12) | 36' AC

Shoulder: Width and Type

NONE (2' CONC. GUTTER) | 8' AC

Median: Width and Type

INTERCHANGE | 10' GRAVEL (0.23 – 0.35) | 20' GRAVEL, GRASS, HEDGE | 8' TWIN CONC. BARRIER WITH DIRT FILL (0.61)

Median Barriers:

Shoulder: Width and Type

NONE | 2' CONC. GUTTER | 8' AC

Pavement: Width and Type

24' AC | 36' AC (0.32) | 24' AC

Shoulder: Width and Type

NONE | 2' CONC. GUTTER | 7' AC

Number of Traffic Lanes

0' | 2–12' (0.12) | 3–12' (0.58) | 2–12' (0.61)

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

2–12' (0.32 – 3–12')

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

5' CONC. (0.01 – 0.11) | 5' AC (0.23 – 0.38)

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

0.01 | 0.11 | 0.31 | 0.38

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

43 HPS (LAMPS)

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Urbanized–Large (39889)

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

ROLLING (2)

Speed: 1–Design, 2–Posted

35 MPH (2) | 0.65 | 50 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B72 0078 00000 | B72 0078 00032 | B72 0078 00061

HPMS Sections – AADT 2011

27,500 | 42,900 | 33,431

HPMS Sections – AADT 2010

31,400 | 43,400 | 33,100 (0.74)

HPMS Sections – AADT 2009

29,000 | 44,600 | 0.61 | 46,100

DOD Sections

DOD 220 (0.32) | 0.60 | DOD 225

Census Tracts

77.01 (0.34) | 76

Functional Classification

FREEWAY & EXPRESSWAY (2)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

0.21 | 78A-01-90M, (R), 1988
0.01 | HWY-0-01-88M, (R), INBOUND LANES, 1988
FR-078-1(123), 1981, (R) | 0.57 | F-FR-078-1(25), 1985, (R)
0.10 | SU-072(6), 1964, (OUTBOUND)
0.56 | I-H1-1(88):13, 1971)
F-090-1(10), 1964 (INB) | 0.21 | SU-072(6), 1964, (INBOUND) | 0.59
109 + 09.58 | 121 + 00 | 140 + 91.42

SCALE: (In Miles) 20" = 1 mile

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

Date Released
MAR. 05, D.B.

Revised	
G.N.	5/06
D.B.	8/10
D.B.	1/11
D.B.	2/12
D.B.	9/12

ROAD INVENTORY

OAHU ROUTE 80
KAMEHAMEHA HWY.

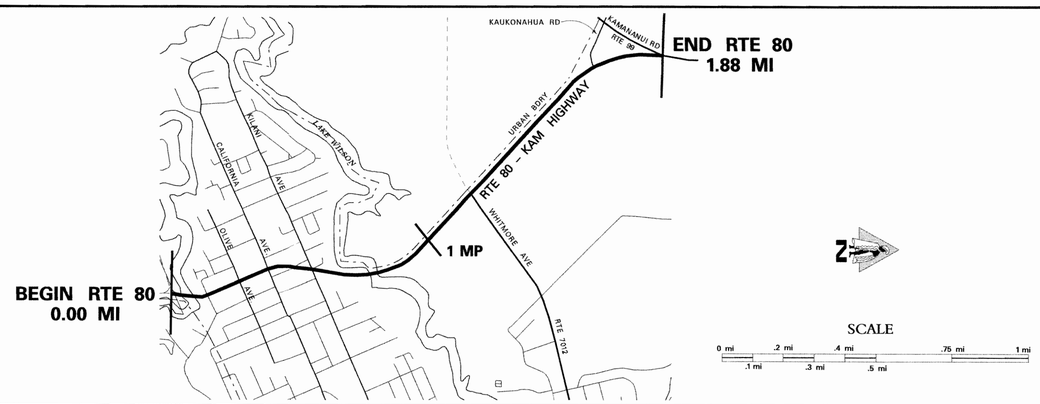
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	1.88	MILES (a+b)
a. Existing Length:	1.88	MILES
b. Proposed Length:	NONE	MILES
Total Travel Way Length:	1.88	MILES (a+b, less c)
a. Existing Length:	1.88	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) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Maintenance Control Sections : Length and Description

BEG 80A same as BEG Route | 80A (1.88 mi.) | 1.88 END 80A SAME AS END ROUTE

Structure Carrying Road

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

PRESTRESSED GIRDERS & TEES | HS-20- 44 1982 375' | STT H20 1932 214'

Vertical Clearance

14'11"

Horizontal Clearance

102' | 24'

Structure Over Road

Vertical Clearance

0.01

Horizontal Clearance

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

120' | 0.02 | 80' | 0.57 | 50' – 80' | 0.86 | 50' – 90' | 1.56 | 65' – 70' | 1.77 | 60'

Available Right of Way Width (Needs Study)

RESIDENTIAL/COMM. | 0.58 | TREES | 0.88 | 1000' CLEAR PINEAPPLE FIELD 10' 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)

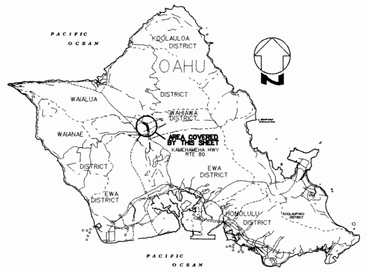
(HWY-O-03-08M, SLURRY SEAL, 2009) | STATE

Project No., Type of Construction, and Year Constructed

0.01 | 0.08 | HWY-O-03-08M, SLURRY SEAL, 2009 | 0.65 | STP 0300(29), RESURFACE, 1994

Project No., Type of Construction, and Year Constructed

80+20 | HWY-O-05-07M, R, SLURRY SEAL, 2007 | 104+41



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEG. ROUTE 80 ON KAM HWY. AT THE NORTH EDGE OF PAVEMENT OF WILIKINA DR. (RTE 99) 0.00 MI.

Wilson Bridge Telem. Sta. 80000 | 81+12.24 | Ohai St. (L) Avocado St. (R) | Olive Ave. | 87+45 | California Ave. | Maalo St. | Kilani Ave. | Hiwi Place | End Divided Hwy. | Kaukonahua Br. (Kersten Thot Br.) | Telem. Sta. 80008 | Beg. Div. Hwy. | 1 MP (post only) | Whitmore Ave. (Rte 7012) | End Div. Hwy | Culvert | Beg. Div. Hwy. | Kaukonahua Rd. | End Div. Hwy. | Kamananui Rd.

KAMEHAMEHA HWY

0.01 mi. | 0.11 mi. | 0.22 mi. | 0.33 mi. | 0.41 mi. | 0.47 mi. | 0.51 mi. | 0.55 mi. | 0.65 mi. | 0.89 mi. | 0.89 mi. | 1.02 mi. | 1.10 mi. | 1.29 mi. | 1.37 mi. | 1.57 mi. | 1.65 mi. | 1.76 mi. | 1.88 mi.

1.60 mi. | 1.74 mi.

END RTE. 80 ON KAM HWY. AT THE SOUTHEAST EDGE OF PAVEMENT OF KAMANANUI RD. (RTE 99) 1.88 MI.

SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Divided Highway Undivided

Shoulder: Width and Type

0 | 0.51 | 6' AC | 8' DIRT | 0.62 | 0' | 8'–10' AC | 4' AC

Pavement: Width and Type

24' CONC | 24' AC | 12' AC | 0.70 | 22' AC | 20' AC | 11' AC | 20' AC | 10' AC | 1.76 | 20' AC

Shoulder: Width and Type

2' CONC | 0 | 6' DIRT | 0' | 6' AC | 0' | 4' AC | 0' | 4' AC

Median: Width and Type

10' RAISED TRENCH W/ STEEL GRATE | 0.90 | 12' PAINT | 0.55 | 0.89 | 0'–12' AC PAINTED MEDIAN | 1.29 | 6'-6" AC (PAINTED) FLUSH W/ AC ROLL CURB | 1.57 | 1.59 | 1'-6" AC | 1.65 | 1.74 | 4'-7" AC | 6"-6" AC (PAINTED) FLUSH W/ AC ROLL CURB

2' CONC. & 12' PAINT | 0 | 0' | 0

Shoulder: Width and Type

0

Pavement: Width and Type

24' CONC | 24' AC | 12' AC | 12' AC | 10' AC

Shoulder: Width and Type

10' CONC | 10' AC | 0.12 | 0 | 0.47 | 4' AC | 4' AC | 4' AC

Number of Traffic Lanes

0.15 | 4–12' | 0.27 | 0.33 | 0.39 | 3–12' | 2–12' | 2–11' | 0.70 | 2–10' | 1–11' 1–12' | 2–10'

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

8' PARK | 0.41

(Right Side)

2-WAY LEFT TURN LN. | 0.11 | 0.17 | 0.22 | 0.51 | 0.62 | 0.68 | 1.06 | 1.15 | 12' | 1.04 | 1.10 | 1.39 | 11' | 1.65

8' PARK (PARKING DURING OFF-PEAK HRS. ONLY.)

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

0.89

Sidewalk: Width and Type (Right and Left)

2' CONC. SW | 0.12 | 6' CONC. | 0.47 | 8' CONC. | 0.65

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

1' GUTTER | CURB & GUTTER | 0.61 | CONC. (R) CURB | 0.70 | ROCK CURB (L) & (R)

Protective Devices: Type, Location and Number

0.74 | NONE

Illumination: Type, Location and Number

HPS LAMPS | 0.88 | 0.91 | 0.99 | HPS LAMPS | 1.10 | MV LAMPS | 1.25 | 1.58 | MV LAMPS

MV LAMPS

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Urbanized–Large (39889)

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

ROLLING (2) | 1.06 | FLAT (1)

Speed: 1–Design, 2–Posted

25 MPH (2) | 1.58 | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

0.00 | 2 phase | 0.12 | 0.22 | 3 phase | 0.33 | 4 phase | 0.47 | 5 phase | 1.10 | 3 Phase

Traffic Stations (Current Year)

B72 0080 00000 | B72 0080 00033 | B72 0080 00051 | B72 0080 00110 | B72 0080 00165

HPMS Sections – AADT 2011

47,000 | 21,200 | 23,600 | 15,396 | 14,370

HPMS Sections – AADT 2010

45,600 | 21,300 | 0.51 | 22,600 | 15,245 | 1.65 | 14,229 | 1.88

HPMS Sections – AADT 2009

32,600 | 21,900 | 23,448 | 1.10 | 15,094 | 1.10 | 14,088

DOD Sections

0.33 | DOD 385 | DOD 390

Census Tracts

CT 94 | 0.65 | CT 91

80 | CT 83

Functional Classification

0.02 | PRINCIPAL ART. (CONN. LINK) (3) | 1.10 | PRINCIPAL ARTERIAL (3)

National Highway System (NHS)

ON NHS (1)

Previous Projects: Project No., Date and Limits

0.13 | 80A-01-02M, (R), 2003 | 0.47

STP-080-1(10), 1995 (IMPROVE) | 0.50

(BR-F-080-1(3) BR. CONST., 1982) | HWY-0-01-89M (R), 1990 | 0.65 | HWY-0-01-82 M RESURF., 1982

0.11 | F-F-080-1(5), 1982 (WIDENING) | 0.58 | 109+46.85 | 115+39 | 116+09 | 127+00 | 135+39 | 1.25

70+93 | 0.06 | (DA-WR-8(3), 1949) | FAP 7-D, 1933 | 0.33 | 8-80-01-65, 1966 | 89+99.70 | 0.56 | FAP 7-8, 1931 | 0.74 | FAP 7-P, 1932 | 0.86 | 80B-02-68, 1968 | FAP 7-D, 1932 | 1.56 | 151+75 | F-80-1(2), 1968 | 9+90.33 | 1.77 | NRS 21-A, 1935 | 17+25

FAP 7-D, 1932 | (S-80-01-65, 1966) | 0.56 | 0.58 | 0.65 | FAP 7-8, '32 | 0.81 | S-80-01-65, 1966 | 0.95 | FAP 7-O, 1933 | 1.63 | F-80 1(2), 1969 | 1.77 | FAP 7-O, 1933

SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Date Released
July 1999
Revised
R.T. 07/99
J.K. 10/01
J.K. 10/02
D.B. 2/03
D.B. 4/04
D.B. 8/04
G.N. 5/06
D.B. 2/08
D.B. 8/10
D.B. 1/11
D.B. 2/12
D.B. 9/12

ROAD INVENTORY

OAHU RTE 83

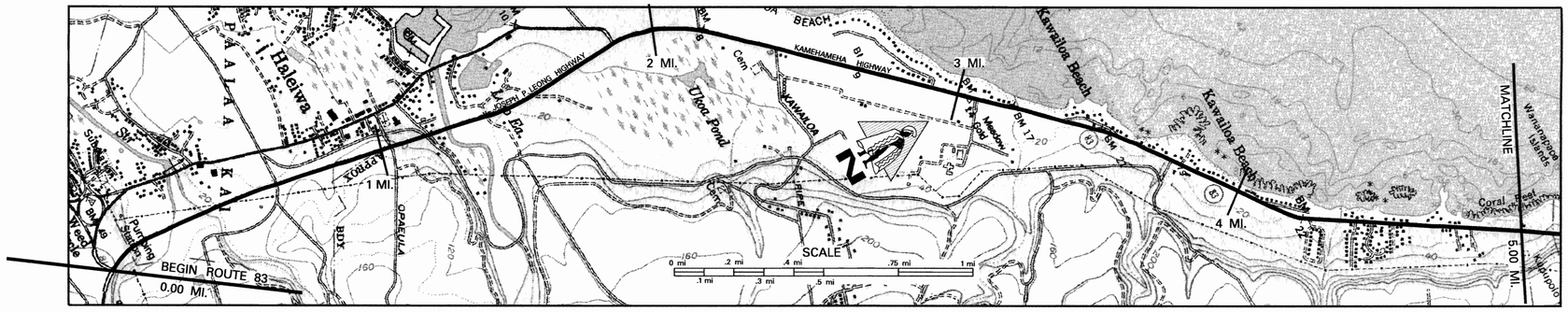
JOSEPH P. LEONG HWY., KAMEHAMEHA HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	43.92	MILES (a+b)
a. Existing Length:	43.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	43.92	MILES (a+b, less c)
a. Existing Length:	43.92	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 _____


BEGIN ROUTE 83
0.00 MI.
1 MI.
2 MI.
3 MI.
4 MI.
5.00 MI.
MATCHLINE
SCALE
Kawailoa Beach
Waimea Bay
Waimea Falls Park
Waimea Valley Audubon Center
Waimea Falls
Waimea Valley
Waimea Valley Rd.
Waimea Valley Rd. Ext.
Waimea Valley Ext.
Waimea Valley Ext. Rd.
Waimea Valley Ext. Rd. Ext.
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Waimea Valley Ext. Rd. Ext

ROAD INVENTORY

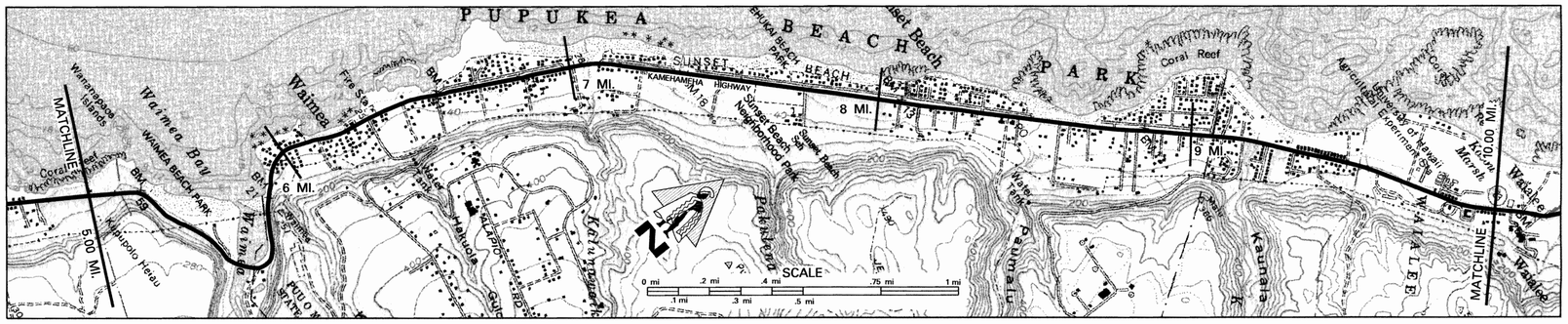
OAHU RTE 83
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	43.92	MILES (a+b)
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b. Proposed Length:	0.00	MILES
Total Travel Way Length:	43.92	MILES (a+b, less c)
a. Existing Length:	43.92	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 _____


PUPUKEA
BEACH PARK
Sunset Beach
Ehukai Beach Park
KAMEHAMEHA HIGHWAY
Sunset Beach Neighborhood Park
Waimea Bay
WAIMEA BEACH PARK
Waimea Bay Beach Park
Waimea River
Waimea Valley Audubon Center
Waimea Valley Adventure Park
Waimea Falls Park
Waimea Valley Park Road
Waimea Valley Park
Waimea Valley Park Road
Waimea Valley Park Road
Waimea Valley Park Road

ROAD INVENTORY

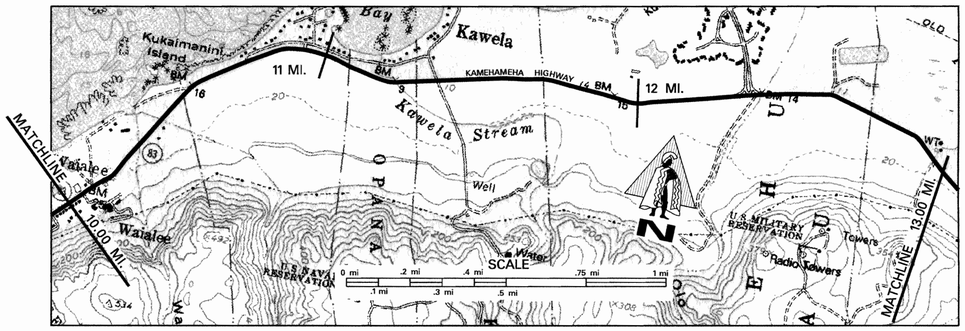
OAHU RTE 83
KAMEHAMEHA HIGHWAY

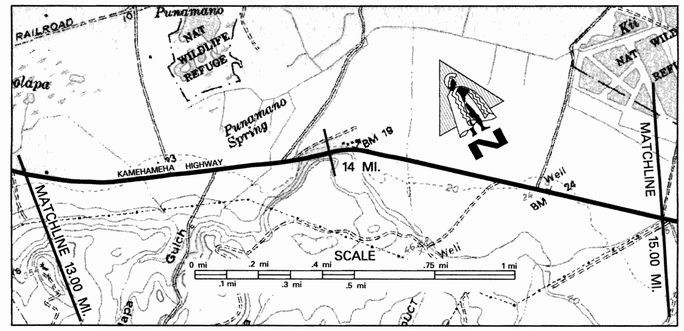
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	43.92	MILES (a+b)
a. Existing Length:	43.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	43.92	MILES (a+b, less c)
a. Existing Length:	43.92	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 4" = 1 mile

		10	11	12	13	14	15
Maintenance Control Sections : Length and Description		83B (11.97 mi.)				End 83B – Begin 83C on Kamehameha Hwy., 0.60 mi. East of Kahuku Airport Road. 14.08 83C (7.62 mi.)	
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Tee Beam 1931, H15 39' (10.42)	Tee Beam 1931, H15 24' (11.22)	Tee Beam 1931, H15 25' (12.37)	Tee Beam 1931, H15 26' (13.39)		
	Vertical Clearance						
	Horizontal Clearance	24'	24'	24'	24'		
Structure Over Road	Vertical Clearance						
	Horizontal Clearance						
Right of Way Width (min.–max.) if varies				50'		14.00 60'	
Available Right of Way Width (Needs Study)		(Residential) 10.06		1000' Clear – Sugar & Pasture (R), Beach (L)			
Right of Way Fence: Type – Right and Left W/W=Wire on Wood CL=Chain Link FP=From Edge of Pavement				W/W 20' FP 11.27 11.62 CL 25' FP 11.73 12.48		14.05 10' FP W/W 14.22 14.33 15' FP W/W 14.91	
Control of Access: 1–None, 2–Partial, 3–Full				None			
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)				State			
Project No., Type of Construction, and Year Constructed				11.36 NH-083-1(31), (R) 1996 11.83			
Project No., Type of Construction, and Year Constructed		FR-083-1(18), (R) 1983 10.50		83BC-03-89M, (R) 1990			



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #2. 10.00 mi.

Crawford Convalescent Home 10.07 mi. | Culvert 10.29 mi. | Waialee Br. 10.42 mi. | Beach Park 10.55 mi. | Pahipahialua St. 10.93 mi. | Kawela Br. 11.22 mi. | Kawela Camp Rd. 11.36 mi. | Culvert 11.92 mi. | Paved Rd. (Kuilima Dr. (Turtle Bay Hilton)) 12.35 mi. | Culvert 12.82 mi. | Culvert 12.93 mi. | Marconi Rd. (Kahuku Airport Rd.) 13.17 mi. | Nanahu Br. 13.39 mi. | Kahuku Training Area 13.48 mi. | Road 13.62 mi. | Culvert 13.81 mi. | Culvert 14.00 mi. | Culvert 14.23 mi. | 15 MP 14.93 mi.

KAMEHAMEHA HIGHWAY

11 MP | 12 MP | 13 MP | 14 MP

CONTINUED ON SHEET #4. 15.00 mi.

SCALE: (In Miles) 4" = 1 mile

		10	11	12	13	14	15
Divided Highway – Undivided	Shoulder: Width and Type	4' AC					
	Pavement: Width and Type	22' AC					
	Shoulder: Width and Type	4' AC					
Divided Highway	Median: Width and Type						
	Median Barriers:						
	Shoulder: Width and Type						
	Pavement: Width and Type						
	Shoulder: Width and Type						
Number of Traffic Lanes		2–11'					
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)							
(Right Side)							
Frontage Road: No. of Lanes, and Width (Right and Left)							
Sidewalk: Width and Type (Right and Left)							
Curb and/or Gutter: Type (Right and Left)							
Protective Devices: Type, Location and Number							
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 (99999)			
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Flat (1) Rolling (2) 10.44		Flat (1)			
Speed: 1–Design, 2–Posted				45 MPH (2)			
Intersection Control Devices: Type, Location and Cycle Timing							
Traffic Stations (Current Year)			B72 0083 00907		B72 0083 01235		
HPMS Sections – AADT 2011			8,400		8,110		
HPMS Sections – AADT 2010			7,800		8,031		
HPMS Sections – AADT 2009			10,700		7,951		
DOD Sections			DOD 340	12.35	13.48	DOD 341	
Census Tracts							
Functional Classification				Principal Arterial (3)			
National Highway System (NHS)				ON NHS (1)			
Previous Projects: Project No., Date and Limits							
		FR-083-1(18), (R) 1983 FAP 3-B, 1931 10.42 10.51 376+00		83C-03-68, 1968 12.37		C-83-02-66, (R) 1966 FAP 3-E, 1931	

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan 2003, DB

Revised	
Aug. 04	D.B.
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

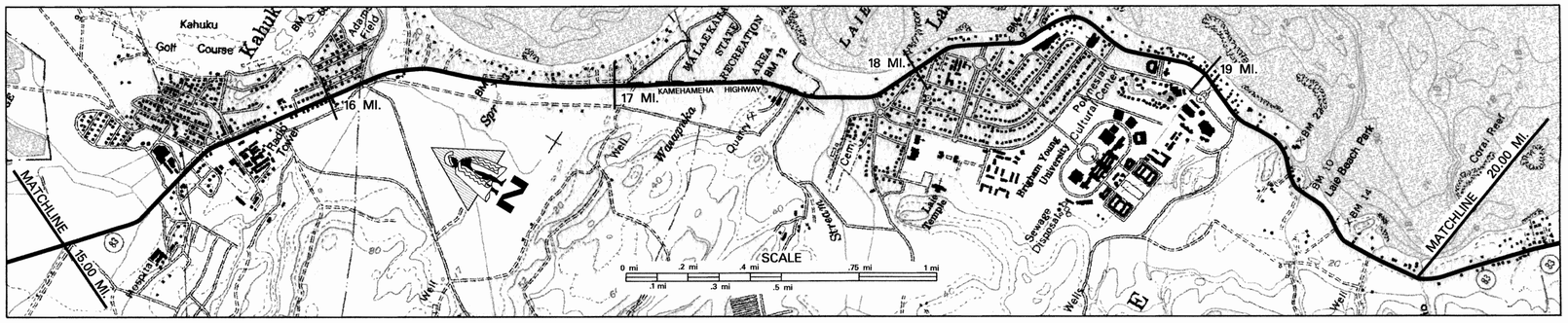
OAHU RTE 83
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 43.92 MILES (a+b)
a. Existing Length: 43.92 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 43.92 MILES (a+b, less c)
a. Existing Length: 43.92 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

83C (7.62 mi.)

Structure Carrying Road

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

15	16	17	18	19	20
Pre-stressed Conc. Planks, 2005, HL-93	4 Cell Box Culvert 2005 HL-93	Pre-Stressed Conc. Girder 1999, HS-20-44	Slab 1933, H15	Tee Beam 1932, H15	Slab 1933, H15
127'	126.5'	107'	91'	26'	90'
15.04		15.19	17.66	18.31	19.50

Vertical Clearance

40'	40'	40'	24'	24'	24'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

15	16	17	18	19	20
60'			50'		
1000' Clear-Sugar & Pasture (R) Beach (L)	Residential	Trees and Brush	Residential	Trees and Brush	

Right of Way Fence: Type – Right and Left W/W=Wire on Wood CL=Chain Link SW=Stone Wall FP=From Pavement

15	16	17	18	19	20
None					

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

15	16	17	18	19	20
State					

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

15	16	17	18	19	20
NH-083-1(46) Drainage Imp, 2005	(83C-01-06, IMPRV., 2009)	(BR-083-1(27), Bridge Replacement 1999)	(STP-083-1(44), Traffic Signals 2000)		(BR-083-1(50), Bridge Replacement, 2007)

Project No., Type of Construction, and Year Constructed

15	16	17	18	19	20
83BC-03-89M, (R) 1990			NH-083-1(31), Resurface 1996	NH-083-1(31), Resurface 1996	

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #3.

15.00 mi.

Paved Rd. Kii Br. | Puiehea St. Beg. Divided Hwy. Hospital Culvert | Kahuku Sugar Mill | Puiehea St. End Divided Hwy. | Beg. Divided Hwy. Road | Puuluana St. End Divided Hwy. | High School Ent. | Paved Rd. (L) | Paved Rd. | Malaekahana Br. | Paved Rd. | Ent to Malaekahana Beach Park | Puu Honua Rd. | KAMEHAMEHA | Gunstock Ranch | Rd. to Malaekahana Beach Park | Road | Waihonapepe Place (County Baseyard) | Laiewai Br. | HIGHWAY | Naniloa Loop | Wahinepee St. | Kulanui St. | Lanihuli St. | Haleiaa Blvd. | Anemoku St. Beg. Divided Hwy. | Shopping Cntr. Laieloa Br. | End Divided Hwy. | Naniloa Loop | Polynesian Cultural Cntr. | Paved Rd. | Polynesian Cultural Beg. Divided Hwy. | Polynesian Cultural Cntr. End Divided Hwy. | Culvert (Waiiele Strm.) | Laiemaloo Br. | Beach Park Road | Culvert

625+86.21 | 641+77.32 | 661+42 | 16 MP | 17 MP | 19 MP | 20 MP

15.04 mi. | 15.11 mi. | 15.35 mi. | 15.38 mi. | 15.39 mi. | 15.49 mi. | 15.59 mi. | 15.63 mi. | 15.70 mi. | 15.79 mi. | 15.81 mi. | 15.91 mi. | 15.93 mi. | 16.05 mi. | 16.15 mi. | 16.19 mi. | 16.43 mi. | 16.49 mi. | 16.93 mi. | 17.05 mi. | 17.20 mi. | 17.55 mi. | 17.66 mi. | 17.83 mi. | 17.97 mi. | 18.04 mi. | 18.09 mi. | 18.23 mi. | 18.31 mi. | 18.34 mi. | 18.37 mi. | 18.43 mi. | 18.54 mi. | 18.70 mi. | 18.86 mi. | 18.87 mi. | 18.91 mi. | 19.00 mi. | 19.05 mi. | 19.16 mi. | 19.19 mi. | 19.33 mi. | 19.50 mi. | 19.59 mi. | 19.64 mi. | 19.84 mi.

CONTINUED ON SHEET #5. 20.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

15	16	17	18	19	20
4' AC	40' Grass	6' AC	8'–13' Grass	16'–22' Grs.	10'–16' Grass	22' AC	16'–18' Grass	6'–10' Coral	3' AC	10'–12' Grass/Coral	

Pavement: Width and Type

15	16	17	18	19	20
22' AC	11' AC (22' AC)	11' AC	22' AC	24' AC	22' AC	11' AC	22' AC	11' AC	22' AC	

Shoulder: Width and Type

15	16	17	18	19	20
4' AC	0 (2' AC)	0	20'–24' Dirt	6' AC	6'–12' Grass	8' Grass	6'–10' AC/Grs	6' Grass	6'–22' Grass	3' AC	0	8'–10' Grass	10' AC	0	10' AC	8' Grass/Dirt	10' Gry.	8' Grass

Divided

Median: Width and Type

15	16	17	18	19	20
0'–10' Painted AC	10' Painted AC			0'–10' Painted AC		0'–10' Painted AC	

Median Barriers:

Shoulder: Width and Type

15	16	17	18	19	20
0	0			0		0	

Pavement: Width and Type

15	16	17	18	19	20
11' AC	11' AC			11' AC		11' AC	

Shoulder: Width and Type

15	16	17	18	19	20
2' AC	6' AC			3' AC		10' AC	

Number of Traffic Lanes

15	16	17	18	19	20
2–11'	2–12'			2–11'			

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

(Right Side)

10' (L) TLs

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

Sidewalk: Width and Type (Right and Left)

15	16	17	18	19	20
4' AC S.W.	(5' Conc. SW) 6' AC S.W.		(4' AC S.W.)		(8' AC) (11' AC) (10' AC)		

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

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

(M/M) (M/M)

Illumination: Type, Location and Number

15	16	17	18	19	20
Mercury Vapor	36 HPS Luminaires		14 Sodium	Mercury Vapor		

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

15	16	17	18	19	20
Rural (99999)			Small Urban (99998)		Rural (99999)		

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

15	16	17	18	19	20
Flat (1)					

Speed: 1–Design, 2–Posted

15	16	17	18	19	20
45 MPH (2)	35 MPH (2)	45 MPH (2)	35 MPH (2)	School Zone – 25 MPH (2)	25 MPH (2)	35 MPH (2)	

Intersection Control Devices: Type, Location and Cycle Timing

15	16	17	18	19	20
	3 Phase				3 Phase		

Traffic Stations (Current Year)

15	16	17	18	19	20
B72 0083 01235	B72 0083 01538		B72 0083 01766		B72 0083 01933		

HPMS Sections – AADT 2011

15	16	17	18	19	20
8,110	12,215		12,831		13,242		

HPMS Sections – AADT 2010

15	16	17	18	19	20
8,031	12,095		12,705		13,112		

HPMS Sections – AADT 2009

15	16	17	18	19	20
7,951	11,975		12,579		12,982		

DOD Sections

15	16	17	18	19	20
DOD 341					

Census Tracts

Functional Classification

15	16	17	18	19	20
Principal Arterial (3)					

National Highway System (NHS)

15	16	17	18	19	20
ON NHS (1)					

Previous Projects: Project No., Date and Limits

15	16	17	18	19	20
C-83-02-66, (R) 1966 FAP 3-E, 1931	FAP 3-E, 1937	FAP 1-E, 1932	83C-01-86M, (R) 1986 83 DF-01-69, (R) 1969 FAP 1-D, 1933	(FAP 1-E, 1937) FAP 1-D, 1933	83C-01-81M, (R) 1981 (FAP 1-E, 1937)		

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan 2003, DB

Revised	
Aug. 04	D.B.
5/06	G.N.
12/07	D.B.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

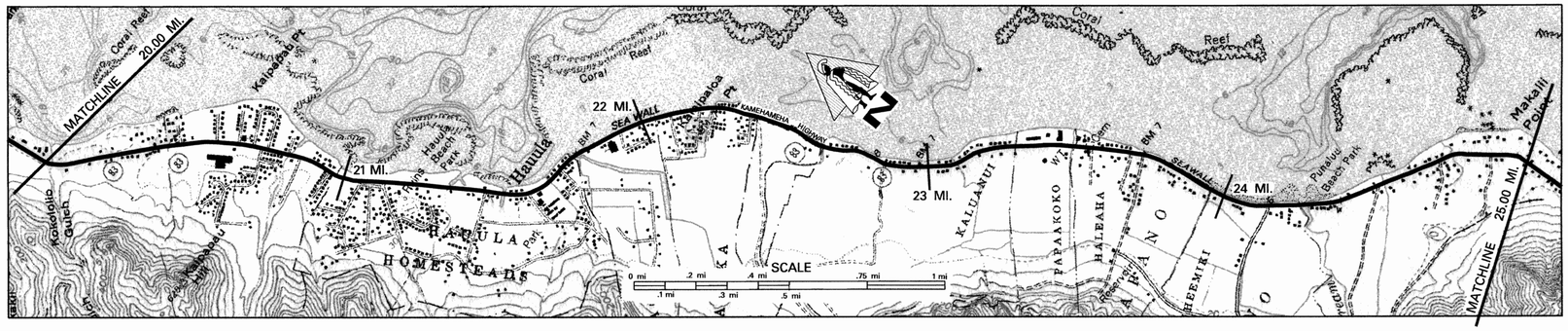
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Total Designated Route Length:	43.92	MILES (a+b)
a. Existing Length:	43.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	43.92	MILES (a+b, less c)
a. Existing Length:	43.92	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

20 | 21 | 22 | 23 | 24 | 25

83C (7.62 mi) | End 83C – Begin 83D at Hauula Homestead Road. 21.70 | 83D (12.61 mi.)

Structure Carrying Road

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

Prestressed Conc. Plank, 2007, HL-93 | TBM 1932, H15 | Slab 1932, H15 | TBM 1932, H15 | Slab 1926, H15 | Slab 1926, H15 | Slab 1926, H15 | Slab 1926, H15 | Slab 1926, H15

57′ (20.01)	82′ (20.79)	25′ (20.95)	110′ (21.31)	26′ 24′ (21.49 21.65)	54′ (21.75)	72′ (22.22)	126′ (22.81)	37′ (23.91)	126′ (24.21)
40′	24′	24′	23′	24′ 24′	23′	23′	23′	23′	23′

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 50′

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left W/W=Wire on Wood SW=Stone Wall FP=From Pavement

Trees & Brush | Residential | Residential (R), Beach (L)

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

(BR-083-1(50), Bridge Replacement, 2007) 1283 + 10.93

Project No., Type of Construction, and Year Constructed: NH-083-1(31), Resurface 1996 | 83D-01-96M, Resurface 1997



Road Diagram
* MP=Milepost Signage

CONTINUED FROM SHEET #4. 20.00 mi.

(Late Br.) Kokololio Br. | Kokololio Beach Park | Kokololio Beach Park | Kaupuu Place | Kahikole Place | Ahinalu Place Shopping Center Exit | Kaipapau Loop Kaiwapuna St. Shopping Center Exit | Kaipapau Loop | Kaipapau Br. Piplani Place | Waipiopilo Br. Imua Place | Waikulama St. | Hauula Homestead Rd. | Mulivai Br. | Hauula Br. Kukuna Rd. | Hauula Elem. School | Waipuhi Br. | Maheiwi Br. Hauula Homestead Rd. | Makao Rd. | Paved Rd. | Waimanana Br. Pokiwai Place | Sacred Falls Park Entrance Sacred Falls Rd. | Kaluanui Br. | Puhuli Rd. | Culvert | Culvert | "Pat's" at Punaluu | "Pat's" at Punaluu | Culvert | Queen Liliuokalani Children's Center | Helaeiha Road (no sign) | North Punaluu Br. | Punaluu Valley Road Culvert | Punaluu Br. | Culvert Green Valley Road (no sign) | Culvert

KAMEHAMEHA HIGHWAY

(1289 + 93.56) | 21 MP | 22 MP | 23 MP | "Pualani" at Punaluu Assisted Living Community | 24 MP

20.01 mi. | 20.21 mi. | 20.31 mi. | 20.39 mi. | 20.44 mi. | 20.54 mi. | 20.56 mi. | 20.60 mi. | 20.66 mi. | 20.70 mi. | 20.71 mi. | 20.78 mi. | 20.92 mi. | 20.97 mi. | 21.03 mi. | 21.10 mi. | 21.31 mi. | 21.43 mi. | 21.49 mi. | 21.57 mi. | 21.65 mi. | 21.70 mi. | 21.75 mi. | 21.86 mi. | 21.92 mi. | 22.10 mi. | 22.20 mi. | 22.36 mi. | 22.42 mi. | 22.61 mi. | 22.86 mi. | 22.89 mi. | 22.94 mi. | 23.07 mi. | 23.28 mi. | 23.37 mi. | 23.44 mi. | 23.55 mi. | 23.66 mi. | 23.91 mi. | 24.09 mi. | 24.11 mi. | 24.20 mi. | 24.21 mi. | 24.46 mi. | 24.50 mi. | 24.74 mi.

CONTINUED ON SHEET #6. 25.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type: 10′-12′ (Grs./Coral) | 16′–18′ Grass | 8′–10′ Grass | 12′–14′ Grass | 16′–18′ Grs./Coral | 4′ AC | 4′ AC

Pavement: Width and Type: 22′ AC | 24′ AC | 22′ AC | 24′ AC

Shoulder: Width and Type: 8′–10′ Grass | 14′ Grass | 8′–10′ Grass | 8′–10′ Grv. | 5′ Grs. | 6′–8′ Dirt | 4′ Grass | 9′ AC | 5′ AC | 4′ AC | 5′ AC | 4′ AC | 5′ AC

(8′–12′ AC) (12′ AC)

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes: 2–11′ | 2–12′ | 2–11′ | 2–12′

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 3′ & 4′ AC S.W.

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

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

Illumination: Type, Location and Number: MV / Incandescent

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 (99999)

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Statios (Current Year): B72 0083 01933 | B72 0083 02242

HPMS Sections – AADT 2011: 13,242 | 10,162

HPMS Sections – AADT 2010: 13,122 | 10,063

HPMS Sections – AADT 2009: 12,982 | 9,963

DOD Sections: 22.42 | DOD 341

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

83C-01-81M, (R) 1981 | 83 DEF-01-82M, (R) 1983

83 DE-01-69, (R) 1969

(FAP -1E, 1932) | FAP 1-D, 1933 | FAP 1, 1927

SCALE: (In Miles) 4" = 1 mile

20 | 21 | 22 | 23 | 24 | 25

Date Released
Jan 2003, DB

Revised	
Aug. 04	D.B.
5/06	G.N.
3/07	D.B.
12/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

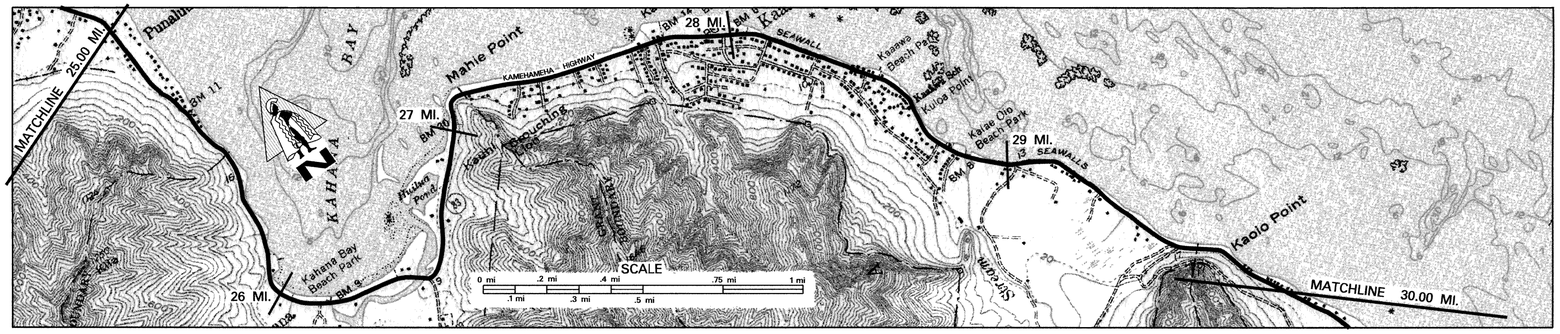
OAHU RTE 83
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
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FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	43.92	MILES (a+b)
a. Existing Length:	43.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	43.92	MILES (a+b, less c)
a. Existing Length:	43.92	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Maintenance Control Sections : Length and Description

83D (12.61 mi.)

Structure Carrying Road

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

Slab 1927, H15 92' (25.56) | Slab 1927, H15 90' (26.44) | TBM 1927, H15 44' (27.70) | Slab 1927, H15 126' (28.82)

Vertical Clearance

Horizontal Clearance

23' | 23' | 23' | 23'

Structure Crossing Over Hwy

Vertical Clearance

Horizontal Clearance

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

50'

Available Right of Way (Needs Study)

Residential (R), Beach (L) | Trees & Bushes (27.26) | Residential

Right of Way Fence: Type – Right and Left W/W=Wire on Wood SW=Stone Wall CL=Chain Link FP=From Pavement

25.77 10' FP W/W 25.51 | 26.26 10' FP W/W 26.17 | 26 CL | 26 10' FP | 27.60 CL | 27.72 10' FP | 27.86 | 28.33 W/W | 28.40 W/W | 28.47 15' FP | 28.56 CL | 28.66 15' FP W/W | 28.79 15' FP W/W | 28.86 15' FP SW | 29.10 | 29.27 | 29.48 15' FP W/W | 29.61 | 29.87 15' FP W/W

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

None

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

State

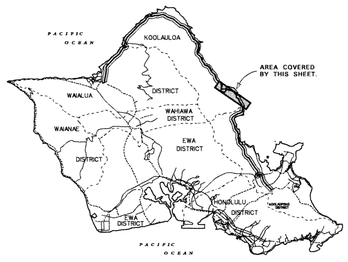
STA 913+00 (27.15)

Project No., Type of Construction, and Year Constructed

NH–083–1(43) RESURFACE 2005

Project No., Type of Construction, and Year Constructed

83D–01–96M, Resurface 1997



Road Diagram
* MP=Milepost Signage

CONTINUED FROM SHEET #5.

25.00 mi.

Kahana Bay Wharf | Culvert | Kahana Br. Kahana Valley State Park | Parking Area | Trout Farm Road Kahana Br. | Driveways to Crouching Lion | Street | Keo Place | Lau Place | Fire Station (R) Hakipuu Rd. Makaua Rd. Road | Sweeny Park | Hi'iaka Rd. | Culvert | Poliinelina Rd. | Culvert Puakenikeni Rd. | Ohelokai Rd. | Kaaawa Beach Park | Kaaawa Elem. School Entrs. | Kaaawa Br. Kaaawa Place Culvert Pohuehue Rd.

KAMEHAMEHA HIGHWAY

25 MP | 26 MP | 27 MP | 29 MP

25.27 mi. | 25.86 mi. | 26.03 mi. | 26.16 mi. 26.12 mi. | 26.31 mi. | 26.35 mi. | 26.48 mi. 26.44 mi. | 27.18 mi. 27.15 mi. | 27.27 mi. | 27.45 mi. 27.42 mi. | 27.52 mi. | 27.65 mi. | 27.73 mi. 27.71 mi. 27.70 mi. 27.69 mi. | 27.85 mi. | 27.89 mi. | 28.07 mi. 28.03 mi. | 28.26 mi. 28.23 mi. | 28.39 mi. | 28.46 mi. | 28.61 mi. 28.58 mi. | 28.72 mi. | 28.82 mi. 28.78 mi. 28.76 mi. | 29.35 mi.

CONTINUED ON SHEET #7.
30.00 mi.

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Divided Highway – Undivided

Shoulder: Width and Type

4' AC (25.20) | 6'–8' Grass (25.43) | 10'–12' Grass (26.06) | 4' AC (26.97) | 4'–6' AC (27.11) | 6'–12' AC (27.24) | 6' AC

Pavement: Width and Type

24' AC (25.51) | 20' AC (26.85) | 22' AC

Shoulder: Width and Type

5' AC (25.20) | 7'–10' Coral (25.39) | 0 (25.83) | 8'–10' Grass (26.09) | 4' AC (26.90) | 8' AC/Grs. (27.11) | 10' AC (27.19) | 6' AC

Divided Highway

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2–12' (25.51) | 2–10' (26.85) | 2–11'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

28.39 4' B.P. S.W. 28.42

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

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

25.41 Wood Rails on Wood Posts M/M 25.96 | M/M 26.16 M/M 26.21 | M/M 26.42 M/M 26.51 | (M/M) 26.70 26.73 | M/M 26.92 | (M/M) 27.07 27.10 | 27.16 | 27.71 27.74 | 28.27 28.30 | 28.76 28.80 28.82 28.87 | 29.40 29.44 | 29.56 29.60 | 29.66 | 29.77

Illumination: Type, Location and Number

MV / Incandescent

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 (99999) | SMALL URBAN (99998)

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

Flat (1) 25.29 | Flat (1) Rolling (2) | 27.86 | Flat (1)

Speed: 1–Design, 2–Posted

35 MPH (2) | 28.38 School Zone– 25 MPH (2) 28.57 | 29.21 29.35 | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B72 0083 02242 | B72 0083 02711

HPMS Sections – AADT 2011

10,162 | 11,300

HPMS Sections – AADT 2010

10,063 | 11,300

HPMS Sections – AADT 2009

9,963 | 13,200

DOD Sections

DOD 341

Census Tracts

Functional Classification

Principal Arterial (3)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

83 DEF–01–82M (R) 1983 (25.20) | 83 DF–01–69, (R) 1969 (26.00) | FR–083–1(17), Resurface 1983 (27.50) | 83D–01–86M, Resurface 1987

83 DF–01–69, (R) 1969 (26.59) | 83E–02–68, 1968 (26.91) | 83D–01–72, 1973 (27.25 – 27.36) (Job # 5616, 1952) | FAP 1, 1925 | 83–E–02–68, 1968 (29.81)

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Date Released
Jan 2003, DB

Revised	
Mar 03	*D.B.*
Aug. 04	*D.B.*
5/06	*G.N.*
9/10	*D.B.*
1/11	*D.B.*
2/12	*D.B.*
9/12	*D.B.*

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

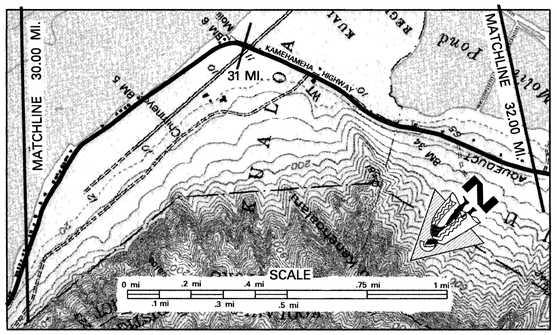
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

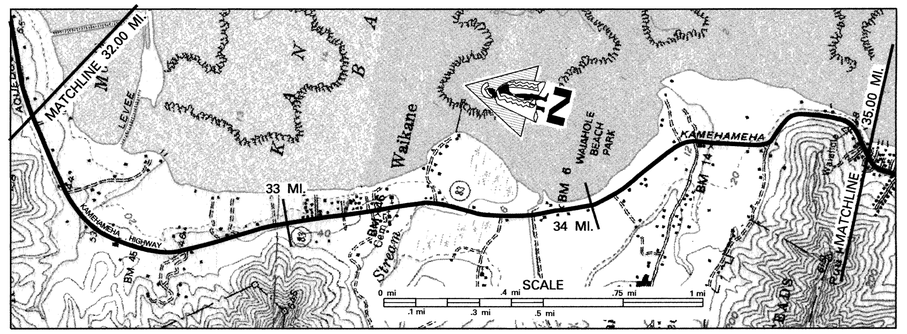
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	43.92	MILES (a+b)
a. Existing Length:	43.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	43.92	MILES (a+b, less c)
a. Existing Length:	43.92	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

83D (12.61 mi.) | End 83D – Begin 83E at the Centerline Intersection with Waiahole Valley Road. 34.13 | 83E (1.82 mi.)

Structure Carrying Road

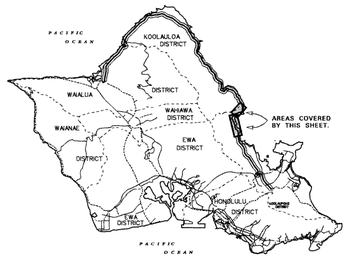
Bridges (Over 20'): Length, Type, Capacity and Year Constructed

	30.41–30.58	30.84–31.01	31.25–31.91	32.16–32.71	33.03–33.54	33.72–33.78	34.05–34.35
Vertical Clearance				32'	44'	54'	66'
Horizontal Clearance				23'	23'	23'	23'

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

Right of Way Width (min.–max.) if varies	50'
Available Right of Way (Needs Study)	Residential 30.41–30.58; Pasture & Residential 32.16–33.03; 33.40–34.35
Right of Way Fence: Type – Right and Left (W/W=Wire on Wood, FP=From Pavement)	15' FP W/W; 10' FP W/W; 15' FP W/W; 10' FP W/W; 15' FP W/W; 20' FP W/W; 12' FP (W/W); 20' FP (W/W)-f+; 20' FP W/W
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State; STA 518+50 34.32
Project No., Type of Construction, and Year Constructed	N–083–1(43), RESURFACE 2005
Project No., Type of Construction, and Year Constructed	STP–083–1(28), Resurface 1996 34.31



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #6. 30.00 mi.

30 MP: Telem. Sta. 029 Old Sugar Mill Smoke Stack (30.37 mi.); Kualoa Ranch Rd. (30.59 mi.); Kualoa Beg. Divided Hwy. (30.74 mi.); End Divide Hwy. Rd. to Kualoa Park (30.96 mi.); Kualoa Maintenance Yard (31.01 mi.); Culvert (31.11 mi.); Culvert (31.22 mi.); 31 MP (31.40 mi.); Culvert (31.54 mi.); Johnson Rd. (31.92 mi.); Hakipuu Br. (32.20 mi.); Tourist Shops (32.30 mi.); 32 MP (32.47 mi.); Culvert (32.86 mi.); Kamaka Place (33.09 mi.); Hauppe St. (33.19 mi.); Waikane Br. (33.54 mi.); Waikane Valley Rd. (33.65 mi.); North Waiahole Br. (33.73 mi.); Culvert (33.83 mi.); Culvert (33.94 mi.); Culvert (33.98 mi.); STA 519+00 (34.31 mi.); Waiahole Valley Road (34.35 mi.); 34 MP (34.53 mi.); Waiahole County Br. (34.53 mi.); Waiahole Hmstd. Road

CONTINUED ON SHEET #8. 35.00 mi.

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Divided Highway

Undivided	Shoulder: Width and Type	6' AC; 4' AC
	Pavement: Width and Type	22' AC; 11' AC; 22' AC
	Shoulder: Width and Type	6' AC; 12'-14' AC; 6' AC; 0; 6' AC; 4' AC; 7' AC; 6' AC; 12' AC; 3'–5' AC
	Median: Width and Type	
	Median Barriers:	30.96; 31.11
	Shoulder: Width and Type	0
	Pavement: Width and Type	11' AC
	Shoulder: Width and Type	6' AC

Number of Traffic Lanes	2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	34.50 3'–5' AC S.W.
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number (M/M = Metal Rails on Metal Posts)	32.86 M/M; Inertial Barrier System 33.68; 34.23 M/M 34.26
Illumination: Type, Location and Number	Incandescent 30.95–31.06; Mercury Vapor 32.71; 21 MV Lamps 34.26 MV 34.33; 34.51 Incandescent
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998) 34.31 Urbanized–Small (43669)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (1) 31.20; Flat (1) Rolling (2) 33.77; Flat (1) 34.22; Flat (1) Rolling (2) 34.63
Speed: 1–Design, 2–Posted	45 MPH (2) 34.22; 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B72 0083 02711; B72 0083 03431 34.31
HPMS Sections – AADT 2011	11,300; 17,860
HPMS Sections – AADT 2010	11,300; 17,685
HPMS Sections – AADT 2009	13,200; 17,510
DOD Sections	DOD 341 34.31
Census Tracts	
Functional Classification	Principal Arterial (3)
National Highway System (NHS)	On NHS (1)
Previous Projects: Project No., Date and Limits	83D-01-86M (R) 1987 30.48; 83D–01–88M, Resurface 1988 34.31; F–083–1(22), Resurface 1986
	HES-ROS-083-1(12), (Safety Improvements) 1986
	FAP 1, 1925 30.44–30.53; 83E-02-68, 1968 FAP 1B, 1927 30.86 711+00 695+02.17; (FAP 1A, 1925) 34.36; 83E–01–74, (R) 1975 34.20 525+00 519+25 34.32; County Project

SCALE: (In Miles) 4" = 1 mile

30 | 31 | 32 | 33 | 34 | 35

Date Released
Jan 2003, DB

Revised	
Aug. 04	*D.B.*
5/06	*G.N.*
9/10	*D.B.*
1/11	*D.B.*
2/12	*D.B.*
9/12	*D.B.*

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HWY., KAHEKILI HWY.

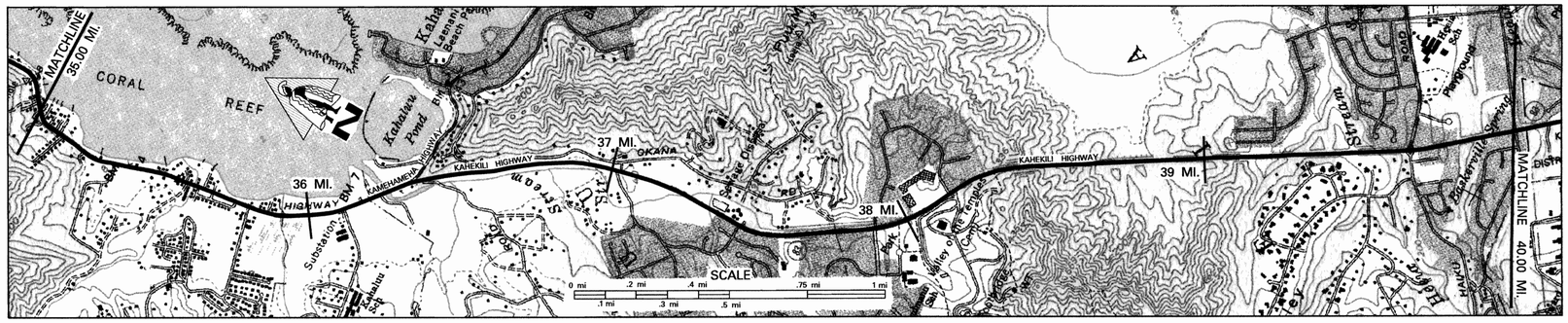
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

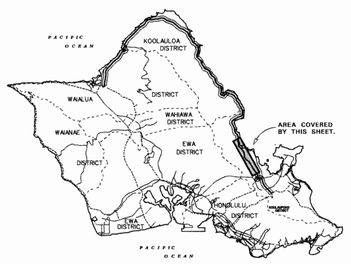
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	43.92	MILES (a+b)
a. Existing Length:	43.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	43.92	MILES (a+b, less c)
a. Existing Length:	43.92	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



Road Diagram

* MP = Milepost Signage

Maintenance Control Sections : Length and Description

83E (1.82 mi.) | End 83E – Begin 83F on Kam. Hwy., at N.W. end of Kahaluu Bridge. | 83F (4.55 mi.)

Structure Carrying Road

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

	35	36	37	38	39	40
		Slab 1923, H10	Slab 1922, H10	P/CB 1971, HS20		
Vertical Clearance		41' (35.54)	29' (35.85)	90' (36.13)	82' (37.16)	
Horizontal Clearance		23'	28'	23'	46'	

Structure Over Road

Vertical Clearance						
Horizontal Clearance						

Right of Way Width (min.–max.) if varies		50' (36.16)	170'–230'	(37.22)	120'	
Available Right of Way Width (Needs Study)			Residential Area			
Right of Way Fence: Type – Right and Left W/W = Wire on Wood FP = From Pavement		(35.76) 15' FP W/W (36.14)		(37.28) 50' FP W/W (37.69)	W/W (38.85) (38.96)	(CL) (39.80)
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-083-1(28), Resurface 1996 (420+30) (36.19) (36.41) (231+30) (83F-01-99, Inter. Impr., 2009)		(158+73.91) (37.90) NH-083-1(60), Inter. Impr., 2009 (38.33) (129+71.26)		(64+16.39) (39.57) NH-083-1(49), Landscaping, 2006
Project No., Type of Construction, and Year Constructed		F-083-1(22), (R) 1986 (36.49) (36.54) 83EF-02-86 (R) 1987 (36.37)		83F-01-97M, Resurface 1998		NH-083-1(26), Widening 1997

CONTINUED FROM SHEET #7.

35.00 mi.

Kaimalolo Place; Culvert Culiama Rd. Culvert; Culvert Culiama Rd.; Nukuwai Place; Kaalaea Br.; Kaalaea Rd.; Waiahua Rd.; Haiamoa Stream Br.; Waihee Rd.; Tourist Stop Beg. Divided Hwy. End Divided Hwy. Kahaluu Br.; Beg. Divided Hwy. End Divided Hwy. Kamehameha Hwy.; Beg. Divided Hwy. End Divided Hwy. Kahaleo Rd.; Lulani St.; End Divided Hwy.; Beg. Divided Hwy.; Ahuimanu Rd.; End Divided Hwy.; Ahuimanu Strm. Br.; Beg. Divided Hwy. Sewage Treatment Plant; Ahuimanu Pl.; End Divided Hwy.; Beg. Divided Hwy.; West Hui Iwa Street; Hui Iwa Street; End Divided Hwy.; Beg. Divided Hwy.; Haiku Rd.; Kahuhipa St.

KAMEHAMEHA HWY. — KAHEKILI HWY.

(236+87.76)

(156+81) (142+45)

37 MP (Road Only) 38 MP 39 MP 39 MP

Indicates Grass & / or Physical Barrier on Median.

CONTINUED ON SHEET #9.

40.00 mi.

35.07 mi. 35.29 mi. 35.31 mi. 35.50 mi. 35.54 mi. 35.72 mi. 35.82 mi. 36.04 mi. 36.13 mi. 36.16 mi. 36.23 mi. 36.26 mi. 36.30 mi. 36.32 mi. 36.40 mi. 36.41 mi. 36.51 mi. 36.59 mi. 36.84 mi. 36.94 mi. 37.04 mi. 37.16 mi. 37.25 mi. 37.27 mi. 37.36 mi. 37.47 mi. 37.53 mi. 37.64 mi. 37.84 mi. 38.09 mi. 38.33 mi. 38.55 mi. 39.44 mi. 39.57 mi. 39.59 mi. 39.92 mi.

Divided Highway

	35	36	37	38	39	40
Undivided						
Shoulder: Width and Type	(4' AC) (35.44) 4' AC	4' Dirt (36.14)	4'–8' AC	12' AC (37.18)	4' AC (38.05)	8' Dirt (38.89)
Pavement: Width and Type	(10'–12' AC) 22' AC	21' AC	(12' AC) 24' AC 12' AC 12' AC (24' AC)	24' AC 12' AC 24' AC	10' AC (37.90) 12' AC	8'-10' AC/Dirt (38.98) 24' AC
Shoulder: Width and Type	3'–5' AC	0	0 5' AC 0 (5' AC) 0	12' AC 0 12' AC 0	10'–12' Grass 0	8' Dirt
Median: Width and Type			(0'–4' Paint) 0'–12' Paint	0'–12' Paint 0'–6' Paint	0'–14' Paint	6' AC/Dirt (39.11)
Median Barriers: ——— = Conc. Barrier		(36.16) (36.27) (36.32) (36.40) (36.41) (36.59)	(36.84) (37.04) (37.27) (37.47)	(37.64)	(38.33)	(39.44)
Undivided						
Shoulder: Width and Type		0	0 0 0	0	0	10' AC
Pavement: Width and Type		(12' AC) 12' AC	12' AC 12' AC 12' AC	12' AC	12' AC	12' AC
Shoulder: Width and Type		(5' AC) 5' AC	12' AC 12' AC 4' AC	10'–12' Grass 6' AC	10'–12' Grass (37.84) 6' AC	4' AC
Number of Traffic Lanes	2–11'	2–10.5' (36.51)		2–12'		
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)			12' T.Ls. (36.59) (36.69) (37.02) 12' T.Ls. (37.40) (37.47)	12' TLs (37.78) (37.84) (37.87) (38.14) 12' TLs		1–12' 2–12' 3–12' (39.47) (39.69) (39.81) (39.92)
(Right Side)		1–10' T.L. (36.19) (36.43)				
Frontage Road: No. of Lanes, and Width (Right and Left)						
Sidewalk: Width and Type (Right and Left)		3'–5' AC S.W. (36.18)		5' CONC S.W. 7' AC (38.17)		6' Conc. S.W. (39.69) 6' Conc. S.W. (39.80)
Curb and/or Gutter: Type (Right and Left)			M/M (37.36)	M/C (37.44) M/C (38.09) M/C (38.13) M/C (38.22)	M/M (38.62) M/M (39.00) M/M (39.27) M/M (39.44)	M/M (39.76) M/M (39.88) M/M (39.95)
Protective Devices: Type, Location and Number M/M = Metal Rails on Metal Posts M/C = Metal Rails on Conc. Posts		(36.26) (36.32) M/M (36.45)	(37.15) (M/C) (37.18)			
Illumination: Type, Location and Number		Incandescent (36.18) MV (36.32) 14 HPS (36.60)	24 HPS	HPS		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:			Urbanized–Small (43669)			
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Flat (1) (35.17)	Flat (1) (36.29) Flat (1) Rolling (2) (37.83)		Rolling (2)	
Speed: 1–Design, 2–Posted		35 MPH (2)		(37.70) (37.90) (School Zone – 25 MPH (2))	45 MPH (2)	35 MPH (2) (39.49)
Intersection Control Devices: Type, Location and Cycle Timing		(36.36) 3 Phase	3 Phase (37.36)	(38.09) (38.15) 3 Phase		(39.41) (39.52) 2 Phase 3 Phase (39.62)
Traffic Stations (Current Year)		B72 0083 03431	B72 0083 03626	B72 0083 03660	B72 0083 03736	B72 0083 03944 B72 0083 03959 B72 (0083 03992)
HPMS Sections – AADT 2011		17,860	17,347	16,600	22,175	29,461 31,300 (41,000)
HPMS Sections – AADT 2010		(36.26) 17,685	17,177 (36.60)	16,500	21,957	(39.44) 29,172 31,400 (41,000)
HPMS Sections – AADT 2009		17,510	17,007	14,800	21,740	28,883 29,800 (38,000)
DOD Sections		DOD 341 (36.32)		(37.36) DOD 345		(39.59) (39.92)
Census Tracts						
Functional Classification			Principal Arterial (3)			
National Highway System (NHS)			On NHS (1)			
Previous Projects: Project No., Date and Limits		(83F-02-91, 1993 Inter. Imprv.) (36.38) (36.64) (36.73) (37.04)		(STP-083-1(29), 3 Phase Traffic Signal 1996) (38.04) (38.14)		(39.39) NH-083-1(26), Widening 1997 (39.42) 83F-01-86, Imprv. 1987
		(35.54)		83EF-02-86, (Reconstruct & Resurface) 1987		
				(37.20) 83F-01-88M, (R) 1988 (38.12)		
		HES-ROS-083-1(12), (Safety Imprv.) 1986		(37.63) HES-083-1(16), 1981 (38.04)		
		83E-01-74 (R) 1975 (35.57) 83E-01-73(W), 1975 (36.32)		(37.18) FR-083-1(14), (R) 1981 (38.31)		
		County Project (36.18) (242+50) BD 67-320 1969		(37.24) (186+45) County Project		

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan 2003, DB

Revised	
5/06	G.N.
3/07	D.B.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

OAHU RTE 83

KAHEKILI HWY., LIKELIKE HWY., KAMEHAMEHA HWY.

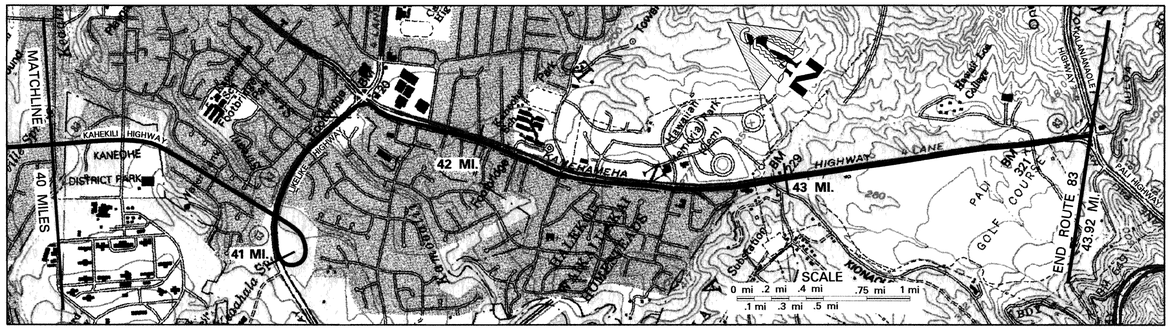
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

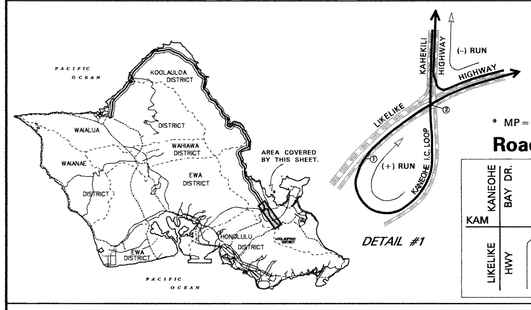
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	43.92	MILES (a+b)
a. Existing Length:	43.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	43.92	MILES (a+b, less c)
a. Existing Length:	43.92	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



* MP = Milepost Signage

Road Diagram

ROUTE CONTINUED FROM SHEET #8.

END ROUTE 83 ON KAMEHAMEHA HWY. AT THE NORTHWEST EDGE OF PAY/T OF KALANIANAOLE HWY. & PALI HWY (RTE 61). 43.92 MI.

Maintenance Control Sections : Length and Description		83 F (4.55 mi.) Beg 83G on Likelike Hwy. at ℄ inter. with Kahekili Hwy; 83 G (2.80 mi.)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Prestress Conc. Girder, 93' 8", HS–20, 1984; P/CB, 1969; TBM, 1968; Prestress Conc. Box, 103', HS–20, 1988; P/C GIRDER, HS–20, 1988
	Vertical Clearance	47'; 50'; 53'; 39'; 16' 6"
	Horizontal Clearance	15' 10"; 16' 2"; 120'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		120'; 120' – 195'; 125' – 255'; 140' – 195'
Available Right of Way Width (Needs Study)		Residential; Golf Course (R), Trees & Bush (L)
Right of Way Fence: Type – Right and Left		None; Partial
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., Type of Construction, and Year Constructed		NH–083–1(49), 2006 Landscaping; (63A–01–89M, 1990) HWY–O–05–06M, Resurf, 2007; NH–083–1(41), Resurface 2000; I–IR–H3–1(24):11 Halekou Interchange, 1988; 83G–01–03M, Resurfacing, 2006
Project No., Type of Construction, and Year Constructed		NH–083–1(26), Widening 1997; I–H3–1(72), 1996; 63A–01–89M, 1990; FR–083–1(15) (R),1982

Divided Highway	Undivided	Shoulder: Width and Type
		Pavement: Width and Type
		Shoulder: Width and Type
	Median: Width and Type	——— = Conc. Barrier ⊢—⊣ = Guard Rails
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
Number of Traffic Lanes		6' – 12'; 4–12'; 2–12'; 2–11'; 3–12'; 2–10.3'; 2–10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	All TL's 11' except where indicated	1–12' TLS; 12' TL's; Decel. Ln.; 1–12' TL; 1–10' TL
(Right Side)		
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		6' Conc. S.W.; 3' AC; 5' Conc.; 12' Sidewalk & Bikeway
Curb and/or Gutter: Type (Right and Left)		
Protective Devices: Type, Location and Number	M/M = Metal Rails on Metal Posts	M/M
Illumination: Type, Location and Number		MV; 2 MV; High Pressure Sodium; 24 High Pressure Sodium (3 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:		Urbanized–Small (43669)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Rolling (2); FLAT (1)
Speed: 1–Design, 2–Posted		35 mph (2); 45 mph (2); 35 mph (1)
Intersection Control Devices: Type, Location and Cycle Timing		3 Phase; (Same Traffic Light)
Traffic Stations (Current Year)		B72 0083 03992; B72 0083 04071; B72 0083 04112; B72 0083 04158; B72 0083 04212; B72 0083 04288
HPMS Sections – AADT 2011		41,000; 28,500; 33,400; 30,500; 35,942; 35,207
HPMS Sections – AADT 2010		41,000; 31,506; 30,600; 29,100; 35,572; 34,862
HPMS Sections – AADT 2009		38,000; 31,194; 29,500; 35,220; 34,517
DOD Sections		DOD 345; DOD 350; DOD 355
Census Tracts		
Functional Classification		Principal Arterial (Connecting Link) (3)
National Highway System (NHS)		On NHS (1)
Previous Projects: Project No., Date and Limits		83F–01–86, (Imprv.) 1987 (63A–01–89M, 1990); 83EF–02–86, (Reconstruct. & Resurface) 1987; 83F–01–86, (Imprv.) 1987; 83G–01–88M, (R) 1989; I–IR–H3–1(24):11, (Halekou Interchange) 1988; (83F–02–75, 1976); F–083–1(10), (Imprv.) 1981; 40.44 83H–02–71, (R) 1971; 83H–02–71, (R) 1971; County Project; I–H3–1(72), 1996; FR–0300 (11), (R) 1980; S–0630 (4), 1959; F–083–1(2), Unit 2 1967; F–083–1(2), Unit 1 & Unit 3 1966–1968; (83H–02–71, (R) 1971); F–083–1(1), 1955–1957

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan 2003, DB

Revised	
6/06	DB
3/07	DB
12/07	DB
9/10	DB
1/11	DB
2/12	DB
9/12	DB

ROAD INVENTORY

OAHU RTE 92
NIMITZ HWY., AND ALA MOANA BLVD.

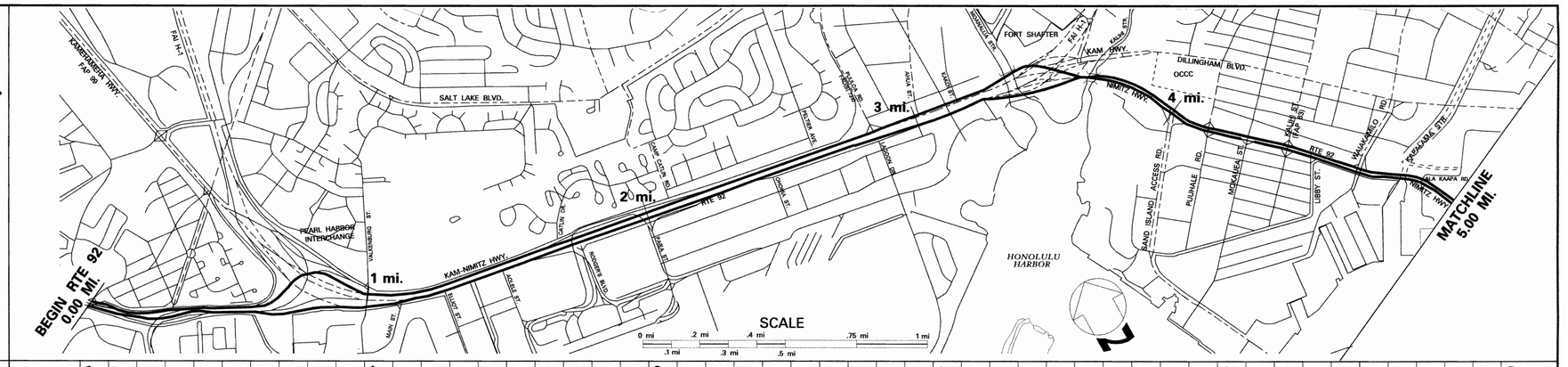
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	9.26	MILES (a+b)
a. Existing Length:	0.00	MILES
b. Proposed Length:	9.26	MILES
Total Travel Way Length:	9.26	MILES (a+b, less c)
a. Existing Length:	9.26	MILES
b. Temporary Length:	NONE	MILES
c. Length used as T.W. for another Route:	NONE	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

BEG. 92 A ON NIMITZ HWY. AT PEARL HARBOR MAIN GATE | 92 A (8.64 MI)

Structure Carrying Road

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

TBM, 1946 HS-20 216' | TBM, 1945 HS-20-44 189' | SLAB, HS20, 1957 142'

Vertical Clearance

Horizontal Clearance

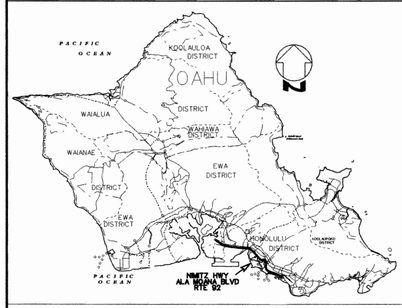
56' | 115' | 38' | 38'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies	90'–100' (1.01) | 60'–160'
Available Right of Way Width (Needs Study)	MILITARY RES. (1.78) | INDUSTRIAL/COMMERCIAL
Right of Way Fence: Type – Right and Left	CL 8' FP (0.84) | CL 8' FP (1.27) | CL 8' FP (1.87)
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	IR-H1-1(210):17 1992 (Trestles) 41+20 42+10 | STP-092-1(24), Resurface 2000 (3.10) | (NH-H1-1(246) 3.27 Zipper Ln. Ext., 2006) 41+35 | 92A-03-03M, Resurface, 2006 | 54+57 (4.69)
Project No., Type of Construction, and Year Constructed	NH-092-1(22), 1995(R) | A-92-01-64, 1964(R) (1.88) | I-H1-1(133):17, 1984 PARTIAL CONST. (3.70) | 92A-01-00, Imprv. 2003 (4.07) | 92A-01-03, Contra-Flow Constr. 2003



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN RTE 92 ON NIMITZ HWY. AT PEARL HARBOR MAIN GATE. (At sentry guardhouses)

0.00 MI.

KAM–NIMITZ HIGHWAY | NIMITZ HIGHWAY

BEG. STRUCTURE 0.19 MI | RAMP R-H 0.27 MI | RAMP R-H 0.24 MI | END STRUCTURE 0.28 MI | RAMP R-H MERGE 0.44 MI | RAMPS TO H-1 & RTE 99 PEDESTRIAN O.P. 0.59 MI | RAMP FROM KAM HWY. 0.91 MI | RAMP TO KAM HWY. (ARIZONA MEM.) & H-1 0.97 MI | VALKENBURGH ST. 1.00 MI | MAIN ST. 1.09 MI | 1.14 MI | ELLIOTT ST. 1.24 MI | AOLELE ST. 1.49 MI | SERVICE ROAD 1.56 MI | TELEM. STA. 92016 1.61 MI | CATLIN DR. 1.70 MI | RODGER'S BLVD. 1.78 MI | SERVICE ROADS 1.80 MI | 1.87 MI | PAIEA ST. 1.98 MI | CAMP CATLIN RD. 2.02 MI | SERVICE ROADS 2.12 MI | OHOHA ST. 2.24 MI | SERVICE ROADS 2.30 MI | PELTIER AVE. 2.44 MI | SERVICE ROADS 2.49 MI | PUULOA RD. LAGOON DR. (RTE 7910) 2.62 MI | 2.69 MI | AHUA ST. 2.74 MI | STRUCTURE 2.82 MI | KAKOI ST. 2.88 MI | KEEHI LAGOON PARK RAMP TO H-1 & DILLINGHAM BLVD. 3.05 MI | MOANALUA BRIDGE 3.10 MI | 3.18 MI | ON-RAMP from H-1 3.24 MI | TELEM. STA 92038 3.29 MI | KALIHI BRIDGE 3.39 MI | CONTRA FLOW CROSSOVER (RTE 84) 3.61 MI | CROSSOVER (ACCESS) RD. 3.66 MI | SAND ISLAND ACCESS RD. (RTE 92B) 3.85 MI | PUUHALE RD. 3.96 MI | 4.02 MI | 4.07 MI | 4.13 MI | MOKAUEA ST. 4.28 MI | KALIHI ST. (RTE 63) 4.42 MI | LIBBY ST. 4.53 MI | 4.57 MI | WAIAKAMILO RD. 4.68 MI | KAPALAMA BR. 4.83 MI | ZERO X BLDG PIER 38 / 37 (L) 4.91 MI

CONTRA FLOW CROSSOVER | 4 MP

CONTINUED ON SHEET 2

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway – Undivided

Shoulder: Width and Type

4' AC 0.14 | 8' AC 0.32 | 10' AC 0.61 | 8' AC 1.01 | 0 | 8' GRASS (3.73 to 4.00) | 5' AC 4.11 | NONE | 5' AC BIKE LANE

Pavement: Width and Type

36' AC 0.34 | 60' AC 0.72 | 36' AC 0.97 | 12' AC | 36' AC 2.04 | 48' AC 2.14 | 36' AC 2.73 | 48' AC 3.01 | 36' AC | 48' AC 3.37 | 24' AC 3.64 | 48' AC 3.93 | 36' AC 4.13 | 34' AC 4.68 | 33' AC

Shoulder: Width and Type

18' AC 0.09 | 4' AC 0.36 | 10' AC 0.43 | 12' AC | 0 2.66 | (CROSSOVER 2) 4.01 | (CROSSOVER 3) NONE

Median: Width and Type

4" CONCRETE BARRIER | MEDIAN VARIES CONCRETE BARRIER 0.30 | 4" CONCRETE BARRIER 0.61 | MEDIAN VARIES (CONC BARRIER) | STEEL GUARD RAIL ON 4' CONC GUTTER 3.68 | 6' CONC BARRIER W/ 1' CONC. GUTTER 3.93 | 6' GRASS & SHRUBS 4.13 | 20' GRASS/SHRUBS | 28' GRASS

Shoulder: Width and Type

6' AC 0.43 | 12' AC | 0' | (36' AC) | NONE

Pavement: Width and Type

36' AC 0.44 | 60' AC 0.97 | 12' AC | 36' AC 1.78 | 48' AC 1.95 | 36' AC 2.14 | 48' AC 2.38 | 36' AC 2.84 | 48' AC 3.01 | 60' AC 3.13 | 48 AC 3.32 | 24' AC 3.57 | 12' AC 3.83 | 48' AC 3.84 | 33' AC 4.13 | 34' AC | 33' AC

Shoulder: Width and Type

4' AC 0.11 | 8' AC 0.53 | 12' AC | 6' AC 0.87 | 36' AC 1.20 | 0' 2.04 | 10' GRAVEL 3.68 | NONE | 5' AC BIKE LANE

Number of Traffic Lanes

3-12' 0.34 | 5-12' 0.61 | 3-12' 0.72 | 1-12' | 3-12' 1.87 | 4-12' 2.15 | 3-12' 2.56 | 4-12' 2.73 | 3-12' 2.84 | 4-12' 3.01 | 3-12' 3.13 | 2-12' 3.32 | 4-12' 3.64 | 1-12' 3.68 | 4-11' 3.84 | 3-12' 4.04 | 2-11',1-12' 4.28 | 3-11' 4.52

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

ALL TURNING LANE 11' AC 0.44 | 2-12' TURN LNS. 3.84

(Right Side)

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

Sidewalk: Width and Type (Right and Left) WALKWAY/BIKEWAY

8' AC 0.30 | 10' AC WALKWAY/BIKEWAY 0.63 | 2 TURN LNS. 2.38 | 2 TURN LNS. 3.84 | 3' CONC. SW. 4.15 | 5' CONC. SW. C&G | NONE 4.70 | 6'-8' CONC. SW.

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

1.01 CURB & GUTTER 2.64 | C&G 3.95 | CURB

Protective Devices: Type, Location and Number

3.94 METAL ON METAL

Illumination: Type, Location and Number

2 M.V. 4 M.V. 3.88 | 191 HPS Lamps

Curves: Degree of Curvature (Right and Left)

(VARIABLE MESSAGE SIGN: 5:30-8:30 AM, MON.-FRI.) 3.88

Superelevation (Range) Conta-Flow/HOV Lane

11' AC, CONTRA-FLOW LANE; HOV LANE, 2 OR MORE, MOTORCYCLES O.K.

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urbanized-Large (39889)

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

Speed: 1–Design, 2–Posted 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B72 0092 00000	B72 0092 00024	B72 0092 00044	B72 0092 00061	B72 0092 00072	B72 0092 00091		B72 0092 00100					B72 0092 00288	B72 0092 00305	B72 0092 00331	B72 0092 00337	B72 0092 00365	B72 0092 00394		B72 0092 00399		B72 0092 00468	
17,700	41,900	41,900	8,500	8,300 (37,400)	(29,900)		30,400					49,900	56,200	(37,571)	29,253	64,100	(58,600)		58,900		63,933	
18,700	41,470	41,470	9,047	7,800 (40,145)	(42,700)		29,100					49,100	55,400	(37,202)	28,966	81,716	(81,716)		58,800		63,300	
15,300	41,059	41,059	8,957	7,100 (39,748)	(35,900)		36,834					46,600	55,300	(36,834)	28,679	80,907	(80,907		57,200		60,500	

HPMS Sections – AADT 2011

HPMS Sections – AADT 2010

HPMS Sections – AADT 2009

DOD Sections DOD 240 | DOD 245 | DOD 250 | DOD 255 | DOD 260 | DOD 265

Census Tracts 74 | 73 | 72 | 71 | 70 | 69 | 72 | 68.03 | 66 | 59 | 58 | 57

Functional Classification PRINCIPAL ARTERIAL (3)

National Highway System (NHS) ON NHS (1) | NOT ON NHS (0) | ON NHS (1)

Previous Projects: Project No., Date and Limits

92A-01-03, Contra-Flow Constr. 2003

92A-01-90M, 1991, RESURF.

I-H1-1(133):17 NEW CONST. 1982 | 92A-01-78M, 1979, RESURF.

I-H1-1(99):15, 1981 | A-92-01-64, 1964(R) | I-H1-1(133):17 PARTIAL CONST. 1982 | DANR-10E(1) 1944 | DANR-5(1) 1945 | SNAF 44-(4), 1949

SN-FAP S-E(3), 1940 | DA-NR-10A(1), 1943 | DA-NR-10A(1), 1943, 44 | DAWR-5(1) 1944 | SN FAP 44A(2), 1943 | F-092-1(2), 1956,57

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
August 1999
Revised
R.T. 08/99
D.B. 4/04
D.B. 8/04
D.B. 6/06
D.B. 3/07
D.B. 9/10
D.B. 1/11
D.B. 2/12
D.B. 9/12

ROAD INVENTORY

OAHU RTE 92
NIMITZ HWY., AND ALA MOANA BLVD.

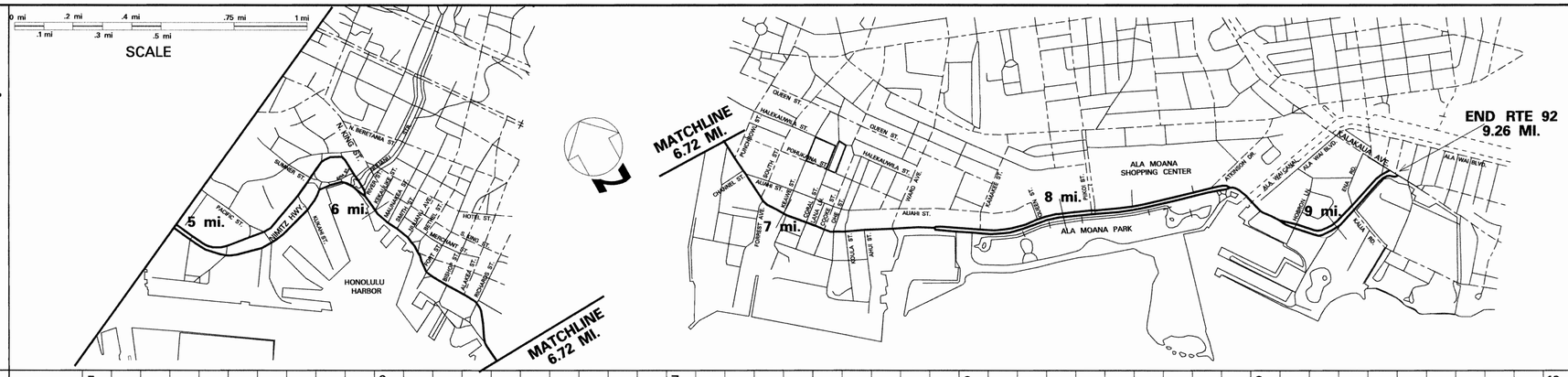
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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PREPARED BY THE
HIGHWAYS PLANNING BRANCH

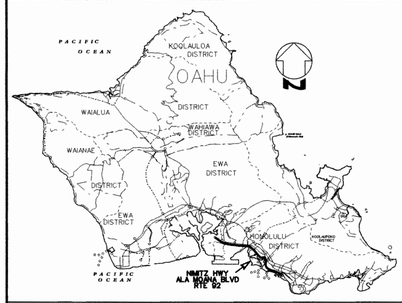
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	9.26	MILES (a+b)
a. Existing Length:	9.26	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	9.26	MILES (a+b, less c)
a. Existing Length:	9.26	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



Indicates Grass or Physical Barrier on the Median

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 1

END RTE 92 ON ALA MOANA BLVD. AT THE SOUTHWEST EDGE OF PAVEMENT OF KALAKAUA AVE. 9.26 MI.

Maintenance Control Sections : Length and Description	92 A (8.64 MI.) · END 92A – BEG 92B AT THE N. END OF ALA WAI BRIDGE · 92 B (0.62 MI.) · END 92B SAME AS END ROUTE
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	SLAB 1952 HS 20 192' · (L) TEE BEAM 1932 H20 152' · (R) TEE BEAM 1952 HS 20 217 182' 200' 250' 61' · SLAB 1952 HS 20 · TEE BEAM 1939 (1970) H-20 166'
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	55' 65' 5' 51' 51' 51' 51' 51' 80'
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60' – 160' · 75 (O.B.) 100 (I.B.) · 140' – 155' · 125' – 136' · 100'
Available Right of Way Width (Needs Study)	INDUSTRIAL / COMMERCIAL · COMMERCIAL AREA · HOTEL
Right of Way Fence: Type – Right and Left	15–20' FP 10' FP 5' FP 8' FP · CL – 8' FP · SW 8' FP · STONEWALL 8' FP · 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 · (121+10) (139+40) · STATE PHASE II · STATE
Project No., Type of Construction, and Year Constructed	(92A–01–07M, Beutification, 2008) · NH–092–1(26) Moder. 2005 · 92AB–01–92M, 1993(R)
Project No., Type of Construction, and Year Constructed	92A–01–03, 2003 CONTRA–FLOW CONSTR. · NH–092–1(25) (Rehab), 2004 · 92AB–01–06M, Resurf., 2007 · (92AB–01–92M, 1993(R)) · 92A–01–97 Imprv., 1998 · 92A–01–82M, 1982 (R)

Divided Highway — Undivided — Shoulder: Width and Type	5' AC BIKE LANE · 5'–9" AC BIKE LANE · (6' AC BIKE LANE) · 4' AC BIKE LANE · 5' BIKE LANE · 5' AC · NONE
Divided Highway — Undivided — Pavement: Width and Type	33' AC · 44' AC · 34' AC · 45' AC · 44' AC · 36' AC · 35' AC · 34' AC · 30' AC · 32' AC · 12' PCC 20' AC · 14' PCC 22' AC · 11' PCC 24' AC · 36' AC · 33' AC · 36' AC
Divided Highway — Undivided — Shoulder: Width and Type	(CROSSOVER 4) · CURB & GUTTER · C&G · NONE · CURB & GUTTER · NONE · 6' CONC. BARRIER · C&G · 4' AC · 0
Divided Highway — Median: Width and Type	28' GRASS · INDUSTRIAL PARK TYPE OF MEDIAN – COMMERCIAL BUSINESS OCCUPIED · 20" GRS · 8'–16' GRASS w/ Cocoa-nut Trees · 10'–15' GRASS w/ Cocoa-nut Trees · 4'–12' GRASS · (6'–10' PAINTED MEDIAN (FLUSH)) · 11' PAINTED · 12'–15' COMB. FLUSH/RAISED PAINTED AC MED. · 20' GRASS (FLUSH) · 3' RAISED AC W/ PCC CURB · 22' GRASS RAISED · 20' GRASS
Divided Highway — Undivided — Shoulder: Width and Type	NONE · CURB & GUTTER · C&G · C&G · 40" (CONC. BARRIER) · 4'–8" CONC. · (34' AC) · 0 · 3' AC · 9' AC · C&G · 0
Divided Highway — Undivided — Pavement: Width and Type	33' AC · 44' AC · 36' AC · 35' AC · 32' AC · 31' AC · 32' AC · 31' AC · 36' AC · 33' AC · 36' AC · 24' AC
Divided Highway — Undivided — Shoulder: Width and Type	5' AC BIKE LANE · 8' AC BIKELANE · 5' AC BIKE LANE · 4' AC BIKE LANE · (5' AC BIKELANE) · NONE · BUS STOP
Number of Traffic Lanes	3–11' · 4–12' · 4–11' · 3.88 · 4.00 · 4–11' · 3–12' · 2–11', 1–13' · 2–10', 1–12' · (2–11', 1–12') · 3–11' · 3–10' · 2–10', 1–12' · 2–10', 1–11' · 1–12', 2–10' 1–14', 2–11' · 1–11', 2–12' · 3–11' · 3–12' · 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	(2–11.5', 1–11') · (2–11.5', 2–11') · 12' RAMP "R" · 15' RAMP "M" · 10' · 10' · 2–12' TL · 1–14' TL · 1–12' TL · 2–10' TL · 9' · 2–12' · 2–12' · 2–9' Ⓛ TL's
(Right Side)	ALL TURNING LANES 11' AC
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	NONE · 6'–8" 7' CONCRETE SIDEWALK Ⓛ Ⓡ · 10' CONC. S.W. · 6' · 8' SW. · 6'–8' CONC. · 3' CONC. · 6'–8' CONCRETE SW. · 3'–7' CONCRETE SIDEWALK · ALL SIDEWALKS CONCRETE
Curb and/or Gutter: Type (Right and Left)	CONCRETE SW. · 10' CONC. S.W. · 4' SW. · 15' SW. · CURB · C&G · 2 CURB – GUTTER Ⓛ Ⓡ · PCC CURB & GUTTER Ⓛ Ⓡ · C&G CURB ONLY · A = CONC. CURB, 2' AC GUTTER · C = CONC. CURB, 2' CONC. GUTTER
Protective Devices: Type, Location and Number	NONE · 1.3' CONC. BARRIER · CONCRETE GUARDRAIL
Illumination: Type, Location and Number	191 HPS LAMPS · 7 M.V. · 3 M.V. · 18 M.V. · 18 M.V. · 130 HPS · 58 M.V.
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range) Conta–Flow/HOV Lane	11' AC · (CONTRA–FLOW LANE: HOV LANE, 2 OR MORE, MOTORCYCLES O.K.)
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Urbanized–Large (39889)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1)
Speed: 1–Design, 2–Posted	35 MPH ② · 25 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing — All Traffic Lights – 3 Phase unless otherwise noted.	2 Ph. · 2 Ph. · (B72 0092 00638) · 2 Ph. · 4 Ph. · 5 Ph. · 2 Ph. · 4 Ph. · 2 Ph.
Traffic Stations (Current Year)	B72 0092 00468 · B72 0092 00925 · B72 0092 00537 · B72 0092 00650 · B72 0092 00739 · B72 0092 00810 · B72 0092 00953 · B72 0092 00867 · B72 0092 00907
HPMS Sections – AADT 2011	63,933 · 58,300 · 66,800 · 52,800 · 61,400 · 44,900 · 47,369 · 32,017 · 35,620 · 26,895
HPMS Sections – AADT 2010	63,300 · 73,791 · 73,791 · 59,256 · 62,200 · 47,900 · 47,000 · 31,700 · 35,271 · 26,632
HPMS Sections – AADT 2008	60,500 · 73,060 · 73,060 · 58,669 · 58,065 · 42,400 · 47,800 · 35,300 · 34,922 · 26,368
DOD Sections	DOD 265 · DOD 270 · DOD 275
Census Tracts	57 · 52 · 40 · 39 · 38 · 37 · 19.02 · 19.01
Functional Classification	PRINCIPAL ARTERIAL (3)
National Highway System (NHS)	ON NHS (1)
Previous Projects: Project No., Date and Limits	92AB–01–92M, 1993(R) · 92A–01–78M, 1979 RESURF. · 92A–01–90M, 1991 RESURF. · F–092–1(15) (R), 1981 · FR–092–1(17), 1982(R) · (HES–092–1(19), 1985 (IMPR. OUTS. LNS.)) · EHS–U–092–1(11), 1976 · (NHS–092–12, 1979) · 92A–01–90M, 1991 Resurface · (92A–02–70, 1972) · (U–092–1(8), 1971) · 92A–02–70, 1972 · 920A–01–74, 1974 RESURF. · F–092–1(2),1956, 57 · FU 44 (3) U–1, 1948, 50 · FU 44 (3) U–2, 1950, 52 · FU 44 (5) U–2, 1950, 52 · U 44 (6), 1951 · COUNTY · U44(9), 1952

SCALE: (In Miles) 4" = 1 mile

Date Released
June 1999
Revised
R.T. 08/99
D.B. 04/04
D.B. 08/04
D.B. 01/05
G.N. 05/06
D.B. 12/07
D.B. 2/09
D.B. 9/10
D.B. 1/11
D.B. 2/12
D.B. 9/12

ROAD INVENTORY

OAHU RTE 93
FARRINGTON HWY

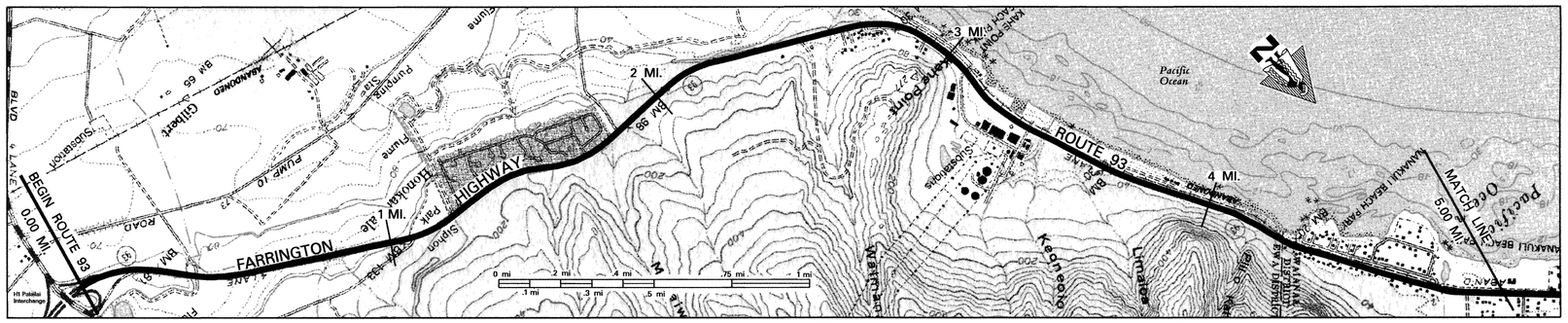
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	19.53	MILES (a+b)
a. Existing Length:	19.53	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	19.53	MILES (a+b, less c)
a. Existing Length:	19.53	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 _____


BEGIN ROUTE 93
0.00 MI.
FARRINGTON HIGHWAY
1 Mi.
2 Mi.
3 Mi.
4 Mi.
ROUTE 93
MATCH LINE
5.00 MI.
Pacific Ocean
Kaneohe
Kahe Point
Makaha
Waianae
Nanakuli
Maili
Lualualei
Waipahu
Pearl Harbor
Honolulu
Kalihi
Kaneohe Bay
Kahuku
Waialua
Haleiwa
Kahana
Punaluu
Kaaawa
Kahaluu
Waiahole
Waikane
Waiahole Reservoir
Kahalu'u
Waiahole Stream
Kamehameha Highway
Kaneohe Marine Corps Air Station
Kaneohe Bay Drive
Kaneohe Bay Regional Park
Kaneohe Bay Regional Park Beach
Kaneohe Bay Regional Park Beach Park
Kaneohe Bay Regional Park Beach Park Beach
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ROAD INVENTORY

OAHU RTE 93
FARRINGTON HWY

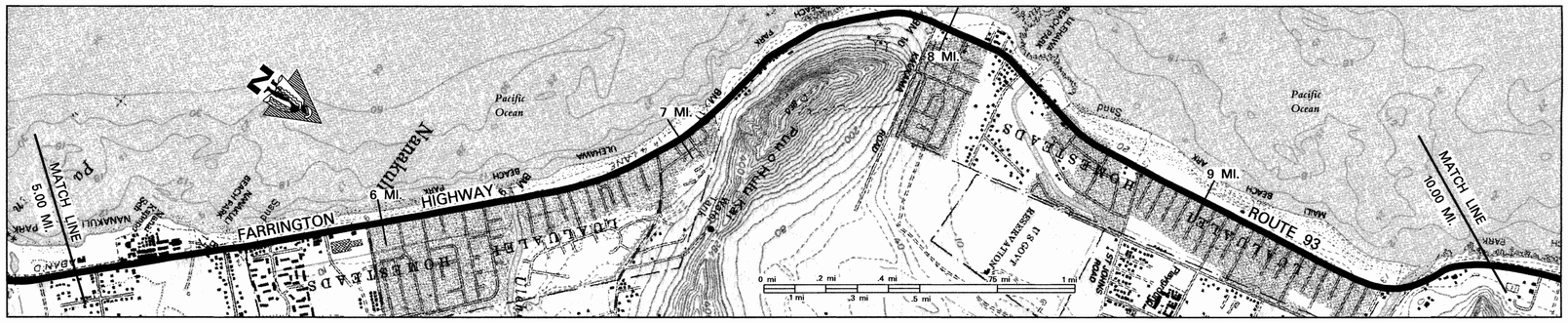
STATE OF HAWAII
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HIGHWAYS DIVISION

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c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____


5.00 MI.
MATCH LINE
FARRINGTON
6 MI.
HIGHWAY 6
7 MI.
8 MI.
9 MI.
10.00 MI.
MATCH LINE
ROUTE 93
Pacific Ocean
Nanakuli
Waianae
Makaha
Waianae Kai
Honolulu
Ewa
Kaneohe
Kahuku
Wahiawa
Waialua
Haleiwa
Kaneohe Bay
Pearl Harbor
Schofield Barracks
Mililani
Waipahu
Ewa Beach
Kapolei
Makakilo
Waianae Mts.
Koolau Mts.
Leeward Coast
Windward Coast
Central Plateau
Honolulu Area
Pearl City
Aiea
Halawa
Waimalu
Waiau
Waikele
Hoaeae
Makaha Valley
Kaena Point
Dillingham Airfield
Wheeler Army Airfield
Wheeler Army Airfield Gulch
Kolekole Pass
Kaukonahua Gulch
Waialua Sugar Mill
Waialua Golf Course
Waialua Beach Park
Mokuleia Beach Park
Makaha Beach Park
Nanakuli Beach Park
Nanakuli Ave.
Makaha Valley Road
Ft. Shafter
Ft. Kamehameha
Ft. Weaver Road
Ft. Weaver
Ft. Barrette
Ft. Hase
Ft. Hase Road
Ft. Shafter Road
Ft. Shafter Flats
Ft. Shafter Flats Road
Ft. Shafter Flats Gulch
Ft. Shafter Flats Gulch Road
Ft. Shafter Flats Gulch Road
Ft. Shafter Flats Gulch Road

ROAD INVENTORY

OAHU RTE 93
FARRINGTON HWY

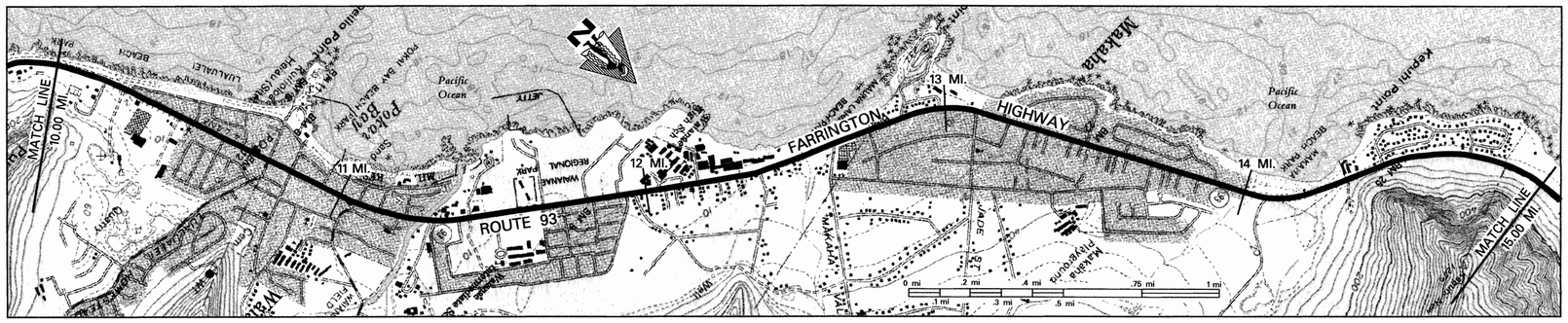
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a. Existing Length:	19.53	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

93A (11.31 mi.) | End 93A & Begin 93B on Farr. Hwy. at North end of Kaupuni Bridge. | 93B (4.34 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- TBM, HS–20, 1965 — 147'
- PRESTRESSED SLAB HS–20–44, 1989 — 58'
- SLAB, H–15, 1937 — 24'
- TS, H–15, 1937 — 60'
- TS, H–15, 1937 — 78'

Vertical Clearance
- 28'
- 60'
- 40'
- 24'
- 24'

Structure Over Road

Vertical Clearance
Horizontal Clearance

Right of Way Width (min.–max.) if varies
- 60'–170'
- 60'
- 80'
- 60'–85'

Available Right of Way Width (Needs Study)
- Residential Area

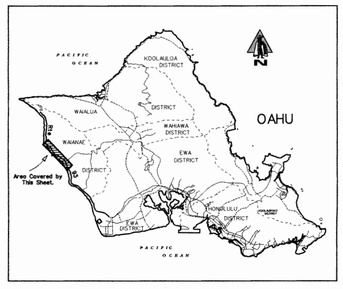
Right of Way Fence: Type – Right and Left (CL = Chain Link, FP = From Pavement)
- CL 15' FP
- CL 15' FP

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
- 93B–01–03M, Resurface, 2008

Project No., Type of Construction, and Year Constructed
- STP–093–1(18), Safety Improvements, 2006



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2.

10.00 mi. 10.05 mi. Beach Park Rd.
10.14 mi. Rd. to Waianae Mall Driveway & Pokai Bay St.
10.19 mi. Pokai Bay St. End Div. Beg. Div. Hwy.
10.27 mi. Waste Water Treatment Plant
10.33 mi. Lailoku St.
10.47 mi. Ala Poko St.
10.59 mi. Puhano St.
10.65 mi. Glenmonger St.
10.75 mi. Hmstd. Rd. Lualualei
10.83 mi. Waianae Valley Rd.
10.94 mi. Bay View St.
11.04 mi. Old Gov't. Rd. Guard St.
11.07 mi. Army St.
11.11 mi. Kaupuni St.
11.19 mi. Kaupuni Br.
11.24 mi. Beg. Div. Hwy.
11.28 mi. Ala Heme St.
11.33 mi. Ent. to Waianae District Park
11.39 mi. Kaulokalani Pl.
11.46 mi. Ent. to Waianae Library
11.51 mi. Ent. to Waianae Inter. School
11.53 mi.
11.73 mi. Ala Walua St. Waianae State Boat Harbor 11.67 mi.
11.87 mi. Ent. to Playing Field
11.93 mi. Kaulawaha Rd. Ala Akau St.
11.96 mi. Roads to Waianae High School
12.03 mi. Alawa Pl.
12.12 mi. Maluu Rd.
12.17 mi. Telem. Sta. 015
12.20 mi. Makaha Br. #2
12.34 mi. Makaha Valley Rd.
12.42 mi. Makaha Bridge End Div. Hwy.
12.48 mi. Makaha Br. #2A
12.62 mi. Orange St.
12.71 mi. Lahilahi St.
12.72 mi. Culvert
12.73 mi. Culvert
12.84 mi. Nani Court
12.87 mi. Rd. to Nalu
12.98 mi. Jade St.
13.09 mi. Moua St.
13.17 mi. Culvert
13.22 mi. Moua St.
13.26 mi. Culvert
13.46 mi. Moua St.
13.59 mi. Kiapa Pl. Upena St.
13.61 mi. Kapaksi St. Water St.
13.69 mi. Upena St. Culvert
13.73 mi. Culvert
13.86 mi. Makaha Br. #3A Kili Dr.
13.87 mi. Makaha Br. #3
14.02 mi. Rd. to Makaha Beach Restrooms
14.07 mi. Rd. to Hawaiian Tel
14.10 mi. Culvert
14.28 mi. Makau St.
14.34 mi. Culvert
14.44 mi. ECB (R)
14.54 mi. Culvert
14.63 mi. Lawaia St.
14.75 mi. Culvert
14.95 mi. 15 MP
15.00 mi.

FARRINGTON HIGHWAY

Ala Heme St. | Ent. to Waianae Inter. School | Orange St. | Culvert | 125+15 | 156+20

CONTINUED ON SHEET #4.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type
- 10' Gravel | 1' AC 10' Gravel | 1' AC | 4' AC | 8' Gravel | 6'–8' AC | 0 (36' AC) | 3' AC Bike Lane | 4' AC | 16'–20' AC | 10' Dirt | 12' Grass | 8'–10' Grass

Pavement: Width and Type
- 44' AC | 24' AC | 48' AC | 44' AC | 22' AC | 20' AC | 21' AC | 20' AC

Shoulder: Width and Type
- 8' AC | 0 | 8' AC | 0 | 0 | 4' AC | 8' Coral | 8' Grass | 8'–12' Dirt

Divided Highway

Median: Width and Type
- (0'–10' Paint) | 0'–10' Paint

Shoulder: Width and Type
- 0 | 0

Pavement: Width and Type
- 24' AC (24' AC) | 22' AC | 20' AC

Shoulder: Width and Type
- 8' AC | 3' AC Bike Lane

Number of Traffic Lanes
- 4–11' | 4–12' | 4–11' | (2–12') (1–12') | 4–11' | 4–10' | 2–10.5' | 2–10'

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)
- 6' Conc. | (6' Conc.) | 8'–10' Conc. S.W. | 6'–10' Conc. S.W.
- 5' Conc. | (5.5' Conc.) | 6' Conc. | 6' Conc. | 8' Conc. | 8'–10' Conc. S.W. | 6'–10' Conc. S.W.

Curb and/or Gutter: Type (Right and Left)
- 10.29 AC Curb | Conc. Curb | Conc. Curb (L) & (R) | AC Curb & Gutter | 2' Conc. Curb & Gutter

Protective Devices: Type, Location and Number
- M/M | Metal Pipe Railing | Conc. Curb & Gutter | M/M

Illumination: Type, Location and Number
- 190 HPS | 138 HPS | Mercury Vapor Lamps

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Small Urban (99998)

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

Speed: 1–Design, 2–Posted
- 35 MPH (2) | 25 MPH (2) 35 MPH (2) | 25 MPH (2) | 35 MPH (2) 25 MPH (2) | 35 MPH | 45 MPH (2) 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Lights | 3 Phase | 3 Phase | 3 Phase | 3 Phase | Traffic Light | Traffic Light

Traffic Stations (Current Year)

B72 0093 00690	B72 0093 01025	B72 0093 01083	B72 0093 01193	B72 0093 01271	B72 0093 01309	B72 0093 01369	B72 0093 01475
29,400	27,510	21,715	18,700	9,300	6,300	4,300	1,300
28,500	27,241	21,500	19,200	11,794	6,200	3,900	1,424
25,200	26,971	25,000	20,300	11,677	7,300	4,000	1,410

HPMS Sections – AADT 2011
HPMS Sections – AADT 2010
HPMS Sections – AADT 2009

DOD Sections
- DOD 320

Census Tracts

Functional Classification
- Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits
- STP–093–1(14), 1997 (R)
- 93B–02–91, Widening, 1996
- 93B–01–86M, (R) 1987
- 900C–01–67, 1966
- STP–93–1(12), (R) 1996
- (BR–093–(10), 1989, Br. Replacement)
- 93B–01–86M, (R) 1987
- 900C–01–67, 1966
- 93A–02–70, 1974
- 93B–01–75, Unit–1, Widen, 1981
- 900C–02–67, 1966
- 900C–02–68, 1967
- WDR 5(3), 1950
- WPSO–23B, 1936

SCALE: (In Miles) 4" = 1 mile

Date Released
Sept 2002, DB

Revised	
Aug. 04	D.B.
Oct. 04	D.B.
May 06	G.N.
Mar 07	D.B.
Feb 09	D.B.
Sept. 10	D.B.
Jan. 11	D.B.
Feb., 12	D.B.
Sept., 12	D.B.

ROAD INVENTORY

OAHU RTE 93
FARRINGTON HWY

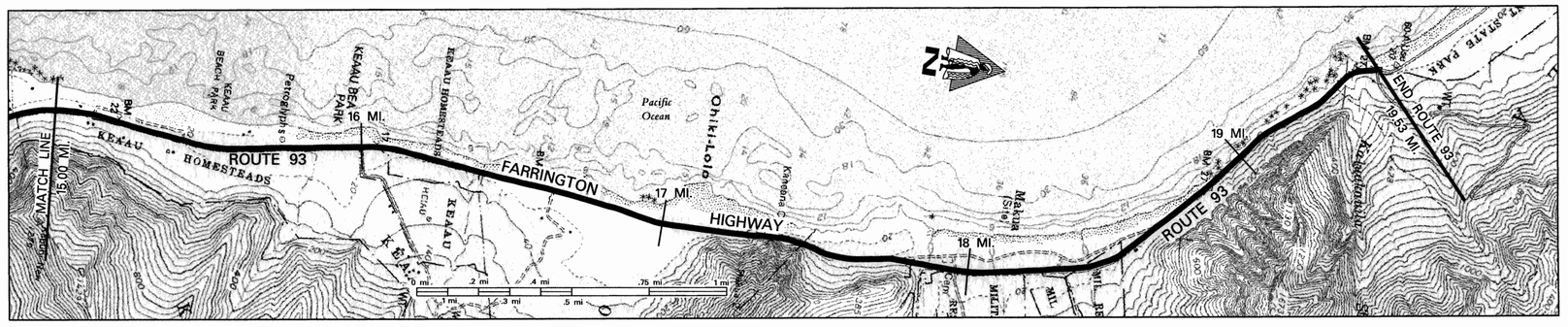
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

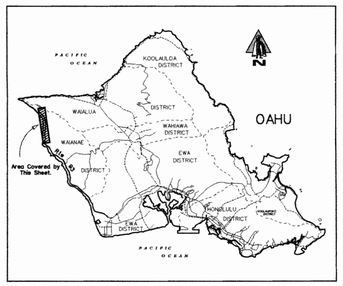
PREPARED BY THE
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FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	19.53	MILES (a+b)
a. Existing Length:	19.53	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	19.53	MILES (a+b, less c)
a. Existing Length:	19.53	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 _____





Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description		93B (4.34 mi.) / End 93B – Begin 930A 528' South of Waikomo Str. Br. / 930A (3.88 mi.) / End 930A same as End Route.
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	PRE-STRESSED CONC. PLANK, HS-20-44, 1996 (61'); PRE-STRESSED CONC. PLANK, HS-20-44, 1996 (123'); PRE-STRESSED CONC. PLANK, HS-20-44, 1996 (50'); PRE-STRESSED CONC. PLANK, HS-20-44, 1996 (32'); CULVERT, HS-20, 1964 (22' | 47' | 22')
Structure Carrying Road	Vertical Clearance	
Structure Carrying Road	Horizontal Clearance	40' | 40' | 40' | 40' | 34' | 32' | 34'
Structures Over Road	Vertical Clearance	
Structures Over Road	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		60'–85' / 80'–110'
Available Right of Way Width (Needs Study)		Residential Area
Right of Way Fence: Type – Right and Left		(Wood on Wood) Wire on Wood / Wire on Wood, 10'–15' from Pavement / (Chain Link)
Control of Access: 1–None, 2–Partial, 3–Full		None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		State
Project No., Type of Construction, and Year Constructed		(BR-093-1(11), Bridge Replacement, 1996); STP-093-1(18), Safety Improvements, 2006
Project No., Type of Construction, and Year Constructed		STP-93-1(12), (R) 1996 / STP-93-1(12), (R) 1996 / STP-93-1(12), (R) 1996

15.00 mi. CONTINUED FROM SHEET #1.

Ent. to Keaau Beach Park (15.03 mi.); Culvert (15.17 mi.); Waikomo Strm. Br. (15.60 mi.); First Hawaiian Bank Road (15.75 mi.); Culvert (15.96 mi.); Keaau Strm. Br. (16.32 mi.); Na Ohikilolo Strm. Br. (16.51 mi.); Paniolo Country Ranch (16.63 mi.); Culvert (16.98 mi.); Ohikilolo Strm. Br. (17.03 mi.); Kanaaka Cave (Makua Cave) (17.32 mi.); Culvert (17.80 mi.); Makua 2 Cell Culvert Rd. to Makua Beach (17.86 mi.); Tractor Crossing Military Training (17.93 mi.); 17MP; 18MP; Makua, 3 Cell Culvert (18.07 mi.); Makua, 2 Cell Culvert (18.37 mi.); Culvert (18.56 mi.); Hawaiian Tel Sub Station (18.61 mi.); Access to Makua Beach (Barricaded) (18.77 mi.); Culvert (18.82 mi.); Culvert (18.93 mi.); Culvert (19.00 mi.); Makua, 2 Cell Culvert (19.40 mi.); Tracking Sta. Road (19.53 mi.)

FARRINGTON HIGHWAY

END ROUTE 93 ON FARRINGTON HIGHWAY AT KAENA PT. STATE PARK BOUNDARY GATE (NORTH EDGE OF PAVEMENT OF SATELLITE TRACKING STATION ROAD). 19.53 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	8'–10' Grass / 10'–12' Grass / 8'–10' Grass / 12' Grs. / 7' Grass / 5' Grass / 6' Dirt / 6' Gravel / 8'–10' Coral / 5' Coral / 16' Coral / 8' Coral / 2'–4' Coral / 8' Gravel / 0 / 8' Coral
Divided Highway – Undivided	Pavement: Width and Type	20' AC / 21' AC / 19' AC / 21' AC / 22' AC / 20' AC
Divided Highway – Undivided	Shoulder: Width and Type	8'–12' Dirt / 5' Grass / 8'–12' Coral / 2' Dirt / 8'–10' Coral
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		2–10' / 2–10.5' / 2–9.5' / 2–10.5' / 2–11' / 2–10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		
(Right Side)		(20' Parking Lot) / (22' Parking Lot)
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
Illumination: Type, Location and Number		Mercury Vapor Lamps
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		Small Urban (99998) / Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Flat (1) Rolling (2) / Flat (1) / Flat (1) Mountainous (3) / Flat (1) / Flat (1) Mountainous (3)
Speed: 1–Design, 2–Posted		45 MPH (2) / 35 MPH (2) / 45 MPH (2) / 25 MPH (2) / 45 MPH (2) / (Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Stations (Current Year)		B72 0093 01475 / B72 0093 01673
HPMS Sections – AADT 2011		1,300 / 1,300
HPMS Sections – AADT 2010		1,424 / 860
HPMS Sections – AADT 2009		1,410 / 980
DOD Sections		DOD 320
Census Tracts		
Functional Classification		Principal Arterial (3) / Minor Arterial (4)
National Highway System (NHS)		On NHS (1) / Not On NHS (0)
Previous Projects: Project No., Date and Limits		STP-93-1(12), (R) 1996; 900C-02-68, 1967; WPSO-23B, 1936; R-AD 2(2), 1965; R-AD 2(1), 1963

SCALE: (In Miles) 4" = 1 mile

Date Released	
Sept 2002, DB	
Revised	
5/06	G.N.
3/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

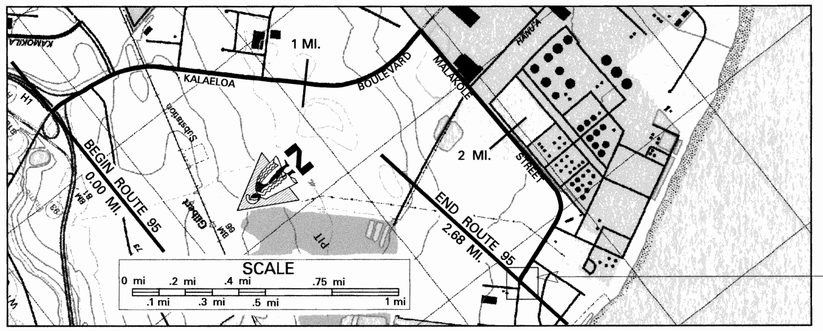
OAHU RTE 95
KALAELOA BOULEVARD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

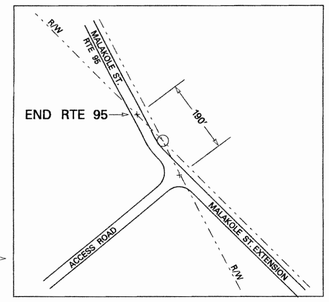
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 2.68 miles
a. Survey Length: 2.68 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SEE INSET →



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: VARIES (0.18) | 108' | (1.52) 150'

Available Right of Way Width (Needs Study)

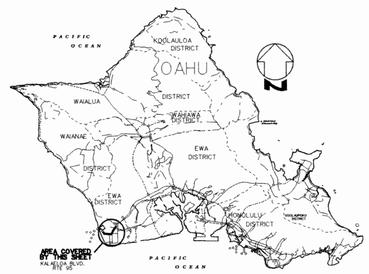
Right of Way Fence: Type – Right and Left

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

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

Project No., Type of Construction, and Year Constructed: (IM-NH-H1-1(239), 2004 RECONSTRUCTION) (0.18)

Project No., Type of Construction, and Year Constructed: 95A-01-87, IMPR., 1989



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

0.00 Mi. BEGIN RTE. 95 ON KALAELOA BOULEVARD AT THE KALAELOA OFF-RAMP OVERPASS AND H-1 FREEWAY

END PALAILAI U.P. | OFF-RAMP | ON-RAMP TO H-1 | ROAD TELEM. STA. "OW" (L)&(R) | KAPOLEI PARKWAY | RAIL ROAD CROSSING | LAUWILIWILI ST. (DESALTING PLANT) KAPOLEI FIRE STATION | OPAKAPAKA ST. KAPOLEI BUSINESS PARK | HAWAII RACEWAY PARK | END DIV. HWY. & ANGLE POINT | DRIVEWAY | HANUA ST. | OIL PIPELINE O.P. | CULVERT | ENTRANCE TO CHEVRON REFINERY | KAHOLO ST.

KALAELOA BOULEVARD — MALAKOLE STREET

END RTE 95 ON MALAKOLE ST. 190' S.E. OF CENTERLINE ACCESS ROAD TO STORAGE YARD (CENTERLINE SURVEY MONUMENT) 2.68 Mi.

0.00 Mi. | 0.02 Mi. | 0.05 Mi. | 0.10 Mi. | 0.16 Mi. | 0.26 Mi. | 0.39 Mi. | 0.52 Mi. | 0.83 Mi. | 1.31 Mi. | 1.52 Mi. | 1.62 Mi. | 1.80 Mi. | 1.89 Mi. | 2.21 Mi. | 2.46 Mi. | 2.61 Mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type: 4' PCC (0.18) | 4' AC | 2' CONC. GUTTER & CURB (1.80) | 4' AC
- Pavement: Width and Type: 12' PCC | 24' AC | 36' AC | 24' AC
- Shoulder: Width and Type: 0' (0.40) (0.45) (2' CONC. GUTTER) 0' | 2' CONC. GUTTER & CURB | 4' AC

Divided
- Median: Width and Type: (6' CONC.) | 6'–16' GRASS | 15' GRASS | 4' GRAVEL (1.40) (1.52)
- Median Barriers:
- Shoulder: Width and Type: (0.05) 0' (1.03) 2' CONC. GUTTER 0'
- Pavement: Width and Type: 24' PCC (0.18) | 24' AC
- Shoulder: Width and Type: 4' PCC | 4' PCC | 4' AC (1.50) (35' CORAL)

Number of Traffic Lanes: (2–12') | 1–12' | 2–12' 2–12' | 2–18' (1.80) | 2–12'

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

(Right Side): (1.45) (1.52) 1–12' (L) TURN LANE (R) (1.48)

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

Sidewalk: Width and Type (Right and Left): (1.52) 12' GRASS S.W. (L)(R) (1.80)

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

Protective Devices: Type, Location and Number: M/M (2.51) (2.54) (2.55) (2.50)

Illumination: Type, Location and Number: (1.52) MV (R) (1.80)

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED–LARGE (39889)

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

Speed: 1–Design, 2–Posted: NOT POSTED (0.11) | 35 MPH (2) | (1.45) 25 MPH (2) 35 MPH (1.57) | 25 MPH (2) (2.62) (NOT POSTED)

Intersection Control Devices: Type, Location and Cycle Timing: (0.28) 3 PHASE (1.57) 2 PHASE

Trafic Stations (Current Year)

HPMS Sections AADT 2011	B72 0095 00000	B72 0095 00011 (0.11)	B72 0095 00026	B72 0095 00151 (1.79)	B72 0095 00179
	24,200	35,200	18,100	4,100	2,673
HPMS Sections AADT 2010	18,200	31,100 (0.28)	17,278 (1.51)	4,171	2,647
HPMS Sections AADT 2009	19,600	22,200	17,107	4,130	2,621 (2.69)

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits

Date Released	
MAR. 05, D.B.	
Revised	
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY

OAHU RTE 98
VINEYARD BLVD., HALONA ST., OLOMEA ST.

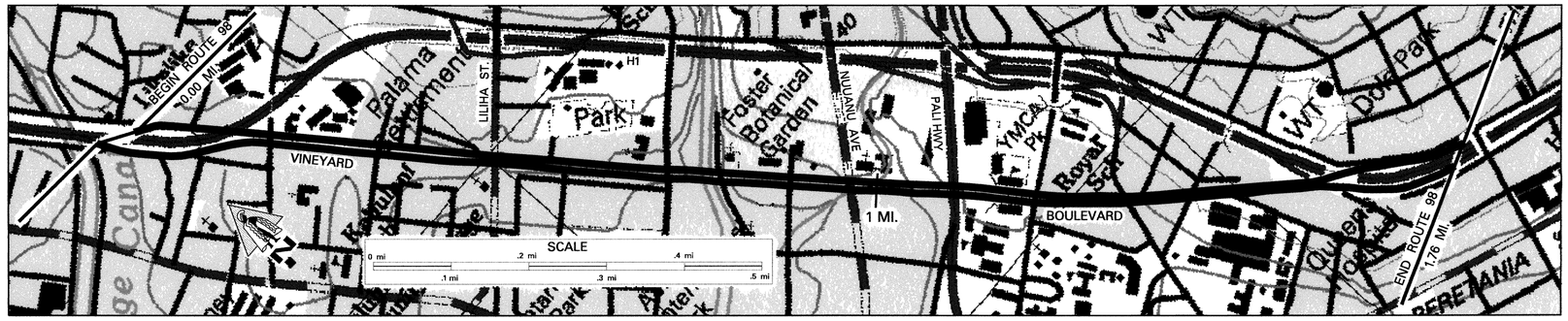
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 1.76 miles
a. Survey Length: 1.76 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Maintenance Control Sections : Length and Description

0.00 BEGIN 98A AT CENTERLINE AULD LANE
98A (1.52 MI.)
1.60 END 98A AT BEGINNING OF ON-RAMP STRUCTURE

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
TEE BEAM, 1959 HS 20, 95' | PEDESTRIAN, 1957 | (R) CONC. BOX GIRDER, 1968, HS 20, 227' (L) CONC. BOX GIRDER, 1969, HS 20, 453' | PEDESTRIAN, 1969

Vertical Clearance
0.77 | 1.16 | 1.60 | 1.68

Horizontal Clearance
99' | 31' 31'

Structure Over Ping

Vertical Clearance
15' 08" | 21'

Horizontal Clearance
55' | 37'

Right of Way Width (min.–max.) if varies
ESTIMATED 110'

Available Right of Way Width (Needs Study)
RESIDENTIAL AREA

Right of Way Fence: Type – Right and Left
8' FROM EDGE OF PAVEMENT CHAIN LINK 0.98 | 0.39 CHAIN LINK 8' FROM EDGE OF PAVEMENT | 0.81 CHAIN LINK 8' FROM EDGE OF PAVEMENT | 1.24 8' FROM E.P. STONE WALL 1.34 | 1.36 CHAIN LINK 8' FROM EDGE OF PAVEMENT 1.46

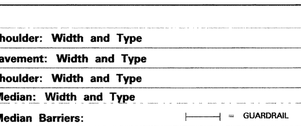
Control of Access: 1–None, 2–Partial, 3–Full

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed
STP–098–1(10) & NH–098–1(9), 1995 | 0.92 98A–01–98, 2000 1.03 | STP–098–1(10) & NH–098–1(9), 1995

Indicates Grass & / or Physical Barrier on Median.



Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 98 ON OLOMEA ST. AT THE END OF H-1 OFF-RAMP TO VINEYARD BLVD.

IAO LN. | PALAMA ST. | PUA LN. | WAIPA LN. | WAIPA LN. | LILIHA ST. (RTE 7413) | AALA ST. | NUUANU COLLEGE WALK | NUUANU STR. BR. | RIVER ST. | MAUNAKEA ST. | NUUANU AVE. | PALI HWY | PEDESTRIAN OVERPASS | QUEEN EMMA ST. | PUNCHBOWL ST. | PELE ST. | MILLER ST. | LUSITANA ST. | VINEYARD BLVD. STR. STRUCTURE | PEDESTRIAN OVERPASS

HALONA ST.
OLOMEA ST.
VINEYARD BLVD.

0.00 MI. | 0.08 MI. | 0.20 MI. | 0.34 MI. | 0.39 MI. | 0.46 MI. | 0.50 MI. | 0.73 MI. | 0.76 MI. | 0.77 MI. | 0.80 MI. | 0.89 MI. | 0.97 MI. | 1.11 MI. | 1.16 MI. | 1.22 MI. | 1.34 MI. | 1.36 MI. | 1.42 MI. | 1.43 MI. | 1.49 MI. | 1.60 MI. | 1.68 MI. | 1.76 MI.

END ROUTE 98 ON VINEYARD BLVD. AT THE END OF THE OFF-RAMP TO H-1 (AT CONCRETE NOSE). 1.76 MI.

SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Divided Highway Undivided

Shoulder: Width and Type
CURB & GUTTER 1.61 | 5' AC 1.60 | 3' AC 1.65 | 6'–8' AC

Pavement: Width and Type
12' AC 0.03 | 36' AC | 0.97 48' AC 1.03 | 36' AC 1.40 | 24' AC

Shoulder: Width and Type
0 | 1.59 4' AC

Median: Width and Type
CONC. BARR. H-1 | 0.10 6'–40" RAISED GRASS 0.20 | 24' RAISED GRASS | 0.92 12' RAISED GRASS 1.03 | 24' RAISED GRASS 1.42 | GUARDRAIL 1.58 | CONC. BARRIER (H–1)

Median Barriers: ⊢ = GUARDRAIL —— = CONC. BARRIER

Shoulder: Width and Type
CURB & GUTTER | 0 | 1.58 4' AC

Pavement: Width and Type
24' AC 0.07 | 36' AC | 0.92 48' AC 0.97 | 36' AC 1.47 | 24' AC

Shoulder: Width and Type
CURB & GUTTER | 1.65 5' AC | 8' AC

Number of Traffic Lanes
1–12' 0.03 2–12' 0.07 | 3–12' 3–12' | 0.92 4–12' 0.97 | 4–12' 1.03 | 3–12' 3–12' 1.47 | 1.40 2–12' 2–12' 1.68

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
12' PARKING LANE 0.96 0.97

(Right Side)
0.20 0.24 0.34 0.38 0.50 0.55 0.73 0.81 0.89 0.93 1.06 1.11 1.17 1.22 1.28 1.34 2–11' (L) T.L. 1.68
0.48 0.70 0.92 1.18 1.29
10' CONC. LANES | 12' AC T.L. | 12' AC

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

Sidewalk: Width and Type (Right and Left)
4' CONC. 0.20 | 8'–10' CONC. S/W 1.48
4' CONC. 0.20 | 8' CONC. S/W

Curb and/or Gutter: Type (Right and Left)
MOUNTABLE CONCRETE CURBS ON MEDIAN / UNMOUNTABLE CONCRETE CURBS ON EDGE OF PAVEMENT

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number
HIGH PRESSURE SODIUM

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
URBANIZED–LARGE (39889)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
FLAT (1) | 0.97 ROLLING (2)

Speed: 1–Design, 2–Posted
30 MPH (2) | 1.08 (50 MPH (MIN. 40) (2))

Intersection Control Devices: Type, Location and Cycle Timing
(B72 0098 00003) 0.07 | 0.20 | 0.34 | 0.60 | 0.73 | 0.89 | 0.97 (4) | 1.11 | 1.22 | 1.34 3 PHASE

Traffic Stations (Current Year)
(B72 0098 00000) | B72 0098 00007 | B72 0098 00020 | B72 0098 00050 | B72 0098 00092 | B72 0098 00103 | B72 0098 00140 | B72 0098 00147 1.76

HPMS Sections – AADT 2011
(29,000) | (38,700) 32,300 | 35,047 | 20,200 | 33,000 | 27,200 | 34,700 | 30,400

HPMS Sections – AADT 2010
(35,500) | (43,401) 43,401 | 34,800 | 20,000 | 0.92 29,982 1.03 | 29,580 | 1.40 40,044 | 26,800

HPMS Sections – AADT 2009
(39,200) | (42,971) 42,971 0.20 | 43,300 0.50 | 21,400 | 29,724 | 29,287 | 39,648 1.47 | 28,500 1.76

DOD Sections
DOD 295 | 0.50 DOD 300 | 1.11 DOD 305

Census Tracts
CT 56 | 0.20 CT 55 | CT 54 0.34 | CT 53 | 0.77 CT 51 | 0.97 CT 42 | 1.22 CT 41

Functional Classification
PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits

(98A–01–75M, (R), 1975) | 0.02 9800A–01–81M, (R), 1981 | 0.20 98A–01–86M, (R), 1986 | 0.64 9800A–01–81M, (R), 1981 | 1.60 I–H1–1(31) UNIT 1, 1967

SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Date Released
APRIL 05, D.B.

Revised	
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

OAHU RTE 99
KAMEHAMEHA HWY.

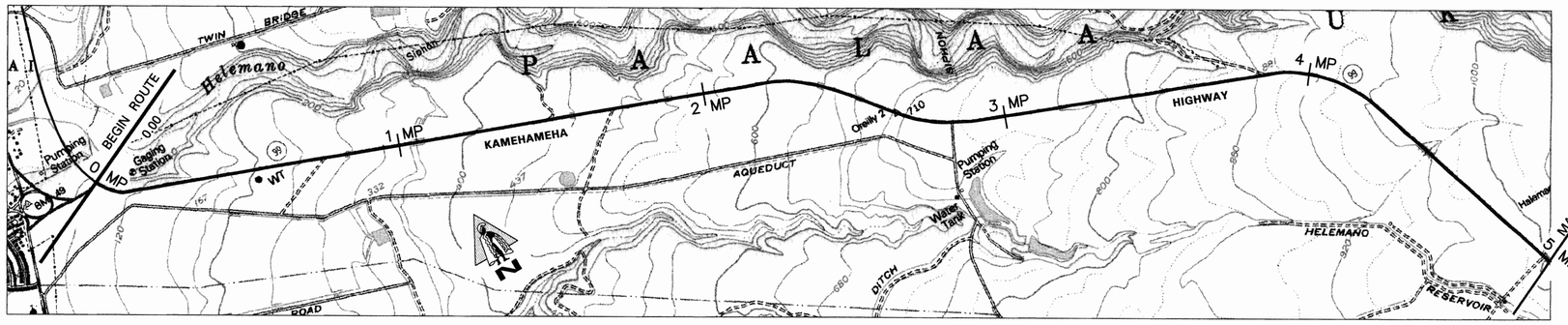
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	23.83	MILES (a+b)
a. Existing Length:	23.83	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	23.83	MILES (a+b, less c)
a. Existing Length:	23.83	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

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

Begin 99A Same as Begin Rte. — 99A (6.56mi.)

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' – 140'

Available Right of Way Width (Needs Study): 1000' Clear Sugar Cane, 25'–30' from Edge of Pavement | 3.91 | 1000' Clear Pineapple Field, 25'–30' from Edge of Pavement

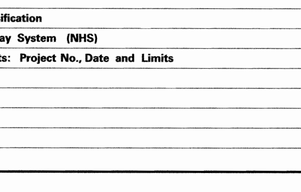
Right of Way Fence: Type – Right and Left: None

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 0.18 | STP–099–1(10), Resurface, 1994 | 4.97 (STP-0300(29) (R), 1994)

Project No., Type of Construction, and Year Constructed: LT–O–03–79M, Resurface, 1979 | 4.22 | 4.95 (HWY- 0-01-82M, (R), 1982)

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

BEGIN RTE 99 @ 0.00 mi. CENTERLINE JUNCTION WITH JOSEPH P. LEONG HWY. AND OLD KAM HWY. (SAME AS BEGIN RTE 93)

End Divided Hwy | Ent. to Water Tank | Culvert | Field Road | Culvert | Culvert | Begin Divided | Paalaa Uka Pupukea Rd. | CONTINUED ON SHEET #2 5.00 mi.

KAMEHAMEHA HIGHWAY

0.10 mi. | 0.49 mi. | 2.82 mi. | 2.82 mi. | 3.67 mi. | 3.82 mi. | 4.52 mi. | 4.75 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway

Undivided

Shoulder: Width and Type: 8'–10' AC | 0.22 | 2'–4' AC / 4'–8' Dirt & Grass | 1.65 | 2'–4' AC / 10' Grs. & Dirt | 2.05 | 2'–4' AC | 2.40 | 2'–4' AC / 4'–8' Grass | 2.82 | 2'–4' AC / 25' Grass | 3.29 | 2'–4' AC / 4'–10' Grass | 3.79 | 2'–4' AC | 4.06 | 2'–4' AC / 10'–4' Grass | 4.60 | 4'–6' AC / 8' Grass

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

Shoulder: Width and Type: 0 | 6' AC | 2' AC/ 4'–12' Grass | 0.46 | 6' AC/ 6'–10' Dirt | 0.48 | 13' AC | 0.78 | 4' AC | 8'–10' AC/ 5' Gravel | 1.05 | 8'–10' AC | 1.47 | 4' AC | 1.59 | 13' AC | 1.74 | 4' AC | 1.84 | 10'–12' AC | 2.18 | 8'–10' AC/ 4'–8' Grass | 2.41 | 10'–12' AC | 2.57 | 4'–8' AC/ 2'–6' Grass | 2.84 | 2'–4' AC / 4'–8' Dirt & Grass | 3.22 | 6'–8' AC | 3.44 | 10'–12' AC | 3.67 | 4' AC/ 4' Grass | 3.83 | 8'–10' AC/ 6'–10' Grass | 4.06 | 8'–10' AC | 4.23 | 4' AC / 4'–8' Grass | 0

Divided Highway

Median: Width and Type: (0'–12' Painted AC) | 0.10 | 0.24 | 0.35 | 0.90 | 4.52 | 0'–12' Painted AC

Shoulder: Width and Type: 0 | 0

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

Shoulder: Width and Type: 8' AC | 2'–4' AC / 4'–6' Grass

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.15 | 4.75 | 4.89

(Right Side): 0.06 | 4.61

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number (All Guard Rails: Metal on Metal Unless Indicated Otherwise.): 0.22 | 0.24 | 0.31 | 0.34 (Wood on Conc.) | 0.77 | 0.89 | 0.95 | 1.19 | 1.28 | 1.45 | 1.59 | 1.71 | 1.74 | 1.82 | 1.93 | 2.04 | 2.20 (Metal Rails on Concrete Posts) | 2.58 | 2.82 | 3.26 | 3.43 | 3.63 | 3.68 | 3.77 | 3.80 | 3.85

Illumination: Type, Location and Number: 252 H.P.S.

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 (99999)

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

Speed: 1–Design, 2–Posted: 35 MPH (2) | 0.68 | 45 MPH (2) | 45 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: 0.00 | 3 Phase | 4.75 | 2 Phase

Traffic Stations (Current Year): B72 0099 00000 | B72 0099 00475

HPMS Sections – AADT 2011: 15,604 | 18,000

HPMS Sections – AADT 2010: 15,451 | 4.75 | 20,835

HPMS Sections – AADT 2009: 15,298 | 20,629

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits: DF–082–1(1), 1959

4.97 (STP–0300(29), 1994 Resurface)

FAP 21–B, 1937 (NRS 21–A, 1935) 103 + 96 | 103 + 18 | 4.92

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
May 2002

Revised	
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

OAHU RTE 99

KAMEHAMEHA HWY., KAMANANUI RD., WILIKINA DR.

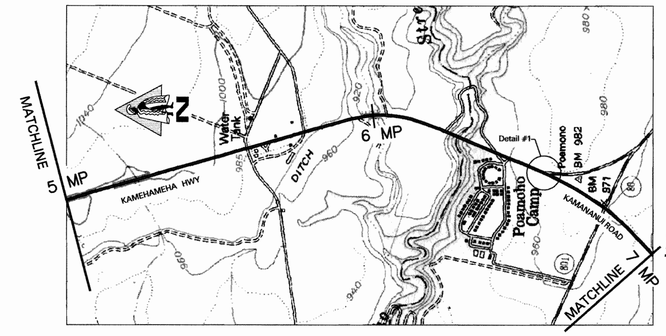
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

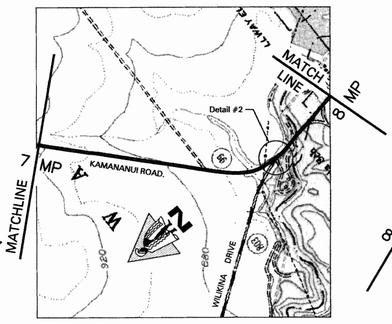
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

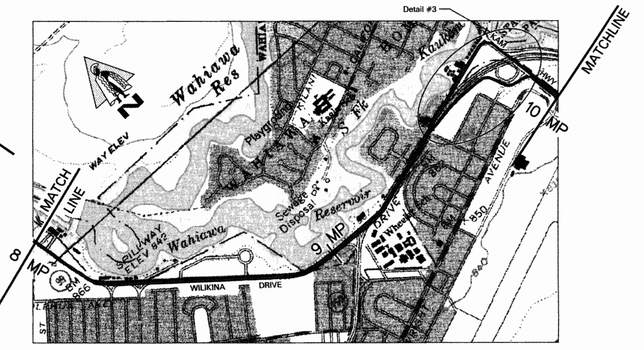
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	23.83	MILES (a+b)
a. Existing Length:	23.83	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	23.83	MILES (a+b, less c)
a. Existing Length:	23.83	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____







SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description

99A (6.56mi.) | End 99A & Beg 99B at the centerline of Kam Hwy. & Kamananui Rd. (6.56) | 99B (1.14mi.) | End 99B & Beg 99C at the centerline of Kamananui Rd. & Wilikina Dr. (7.70) | 99C (9.09mi.)

Structure Carrying Road

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

Slab, 1937, H15 | 22' — *Brodie Camp 2 Br.*
RC Arch Girder, 1936, H15 | 405' — *Poamoho Br.*
RC Deck Girder, 1944, H20 | 234' — *Upper Kaukonahua Br.*

Vertical Clearance

24' | 24' | 26'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

60'–140' | 100' | 100'–110' | 100' – 130' | 100'–120'

Available Right of Way Width (Needs Study)

1000' Clear Pineapple Field, 25'–30' from Edge of Pavement | Military Reserve | Residential Area | Military Reserve Chain Link Fence 20'–40' F.E.O.P.

Right of Way Fence: Type – Right and Left

Chain Link, 15' from Edge of Pavement | Chain Link, 15' from Edge of Pavement

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

None | Partial

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

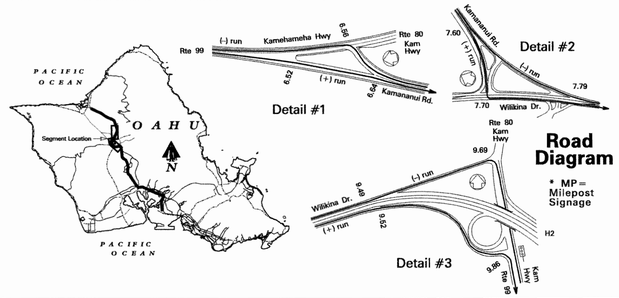
State | (NH–099–1(24), Rehabilitation, 2008)

Project No., Type of Construction, and Year Constructed

(STP–099–1(18), Inter. Impr. 2000) | (99C–02–00,2004, Inter. Imprv.) | (HWY–O–03–08M, SLURRY SEAL, 2009, (–) DIR ONLY) (HWY–O–06–07M, R, SLURRY SEAL, 2007, (–) DIR ONLY) | (HWY–0–01–89M, (R) 1990)

Project No., Type of Construction, and Year Constructed

STP–0300(29), Resurfacing, 1994



5.00 mi. CONTINUED FROM SHEET # 1

End Divided Hwy | KAMEHAMEHA HIGHWAY | Paved Rd Begin Divided Hwy | Paved Rd Begin Divided Hwy Brodie Camp 2 Br. | Paved Rd End Divided Hwy Plantation Rd. & T.C. | Paved Rd Ⓡ Entrances to Pineapple Stand | Poamoho Br. | Nui Ave. | Detail #1 | Paved Rd End Divided Kam Hwy | Paved Rd Begin Divided Kam Hwy | Field Rd. End Divided | Kaukonahua Rd. (Rte 801) | KAMANANUI RD. | Field Rd. | Detail #2 | Begin Divided Hwy | Paved Rd Begin Divided Wilikina Dr. | Paved Rd End Divided Upper Kaukonahua Br. | McNair Gate & End Divided Begin Divided Hwy (Barricaded) | Begin Divided Hwy & Road | Funston Gate (Closed) | MacComb Rd. (Gate) | WILIKINA DR. | Rd. to Military Housing | Schofield Sands | Kunia Rd. (Rte 750) | Driveway | Lakeview Circle | End H-2 | Merge H-1 W/H-2 9.56 mi. | Kam Hwy (Rte 80) | H2 OverPasses, I.B. O.B. | Detail #3 | Ramp from H2 I.B. 9.85 mi. | Santos Dumont Ave | KAM HWY | RAMP TO KAM HWY | Begin Ramp 9.52 mi. 9.49 mi. | End Ramp 9.86 mi. | End Divided Hwy

5.01 mi. 5.57 mi. 5.58 mi. 5.62 mi. 5.66 mi. 5.69 mi. 5.76 mi. 6.22 mi. 6.30 mi. 6.38 mi. 6.43 mi. 6.52 mi. 6.56 mi. 6.64 mi. 6.69 mi. 6.77 mi. 6.99 mi. 7.10 mi. 7.60 mi. 7.70 mi. 7.74 mi. 7.79 mi. 7.87 mi. 7.88 mi. 7.89 mi. 7.94 mi. 8.02 mi. 8.05 mi. 8.29 mi. 8.36 mi. 8.72 mi. 8.95 mi. 9.08 mi. 9.17 mi. 9.36 mi. 9.49 mi. 9.52 mi. 9.69 mi. 9.78 mi. 9.80 mi. 9.86 mi. 9.99 mi.

10.00 mi. CONTINUED ON SHEET # 3

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway — Undivided

Shoulder: Width and Type

(4'–6' AC/ 8' Grass) | 2'–4' AC / 4' Grass | 2'–4' AC / 3' Grass | 4'–6' AC/ 8' Grass | 2'–4' AC / 20' Grass & Dirt | 2'–4' AC | 0'–2' AC | 4' AC

Pavement: Width and Type

(11' AC) | 22' AC | 20' AC | 11' AC | 22' AC (4' AC) | 11' AC | 22' AC | 24' AC | 14'–23' AC | 23' AC | 20' Conc. | 0'–2' AC | 11.5' AC | 24' AC

Shoulder: Width and Type

(0) | 2'–4' AC / 4'–8' Grass | 2'–4' AC | 2'–4' AC/ 4'–8' Grass | 4' AC | 4' AC / 10'–14' Grass | 0'–2' AC | 4' AC/ 4'–10' Grass | 0 | 1/2 AC | 0 | 1/2 AC | 0 | 0'–2' AC | 1' AC

Divided Highway — Median: Width and Type

(0'–12' Painted AC) | (0–12' AC) (12'–60' Grass) | (0–8' AC) | 0'–11' Painted AC | 0'–12' Painted | (0'–5' Painted Median) 20' Conc. Barrier | 21' Raised Grass | Interchange | 20' Grass (Raised)

Divided Highway

Shoulder: Width and Type

(0) | 6' AC | 0 | 0 | (14'–24' AC) | 0 | 4' AC | 1' AC

Pavement: Width and Type

(11' AC) | 11' AC | 11' AC | 1/2 AC | 24' AC | 23' AC | 24' AC | 15' AC | 24' AC | 22' AC

Shoulder: Width and Type

(2'–4' AC/ 4' Grass) | 4' AC/ 10' Grass | 4' AC | 4' AC/ 10' Dirt | 8' AC | 0'–2' AC | 6' AC | 10' Grass | 6' AC/ 10' Grass | 5' AC

Number of Traffic Lanes

2–11' | 2–10' | 2–11' | 1–11' 1–12' | 2–12' | 2–11.5' 2–12' | 4–11.5' | 2–11.5' 1–15' | 2–12' 1–15' | 2–12' 2–11'

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

(1–12' (L) T.L.) | (2–14.5') | (1–(14.5'–24')) | 14' (L) T.L.

(Right Side)

Frontage Road (–) Run | 11.5' T.L.

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

Sidewalk: Width and Type (Right and Left)

6' AC | 4' Conc. | 4'–6' Conc. | 3'–5' Conc. | 5' Conc.

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

4' Conc. Gutter (Metal on Conc.) | 5' Bit. Gutter

Protective Devices: Type, Location and Number — All Guard Rails: Metal on Metal Unless Indicated Otherwise.

Illumination: Type, Location and Number

252 H.P.S. | M.V. | H.P.S. | 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:

(URBANIZED–LARGE (39889)) | Rural (99999) | Rural (99999) | URBANIZED–LARGE (39889)

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

Rolling (2) | Flat (1)

Speed: 1–Design, 2–Posted

45 MPH ② | 25 MPH ② | 45 MPH ② | 25 MPH ② | 45 MPH ② | 35 MPH ② | 25 MPH ② | 35 MPH ② | School Zone 25 MPH ② | (–) Run Only 25 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing

Stop Sign | Stop Sign | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 2 Phase | 3 Phase | 3 Phase

Traffic Stations (Current Year)

B72 0099 00475 | B72 0099 00569 | B72 0099 00635 | B72 0099 00664 | B72 0099 00770 | B72 0099 00806 | B72 0099 00908 | B72 0099 00952 | (B72 0099 00986)

HPMS Sections – AADT 2011	18,000	22,479	19,300	10,600	20,500	20,940	46,900	29,125	17,600
HPMS Sections – AADT 2010	20,835	22,285	19,600	11,100	20,200	20,734	44,000	28,866	17,400
HPMS Sections – AADT 2009	20,629	22,038	18,300	11,100	18,300	20,529	43,000	28,580	16,900

DOD Sections

Census Tracts

Functional Classification

Principal Arterial (3) | Freeway & Expressway (Conn. Link) (2)

National Highway System (NHS)

On NHS (1) | Not On NHS (0) | On NHS (1)

Previous Projects: Project No., Date and Limits

HWY–0–01–82M, Resurface, 1982 | 99C–01–84,(R) 1984 | (C–99–06–60, 1960)

99C–01–79M, (R) 1979

DF–082–1(1), 1959 | DA–WR 8(3), 1947

NRS 21–A, 1935 | DA–WR 7(1), 1944 | NRH–7D, 1934

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
May 2002

Revised	
Feb. 03	J.K.
May 04	D.B.
6/06	D.B.
2/08	D.B.
2/09	D.B.
Aug., 10	D.B.
Jan. 11	D.B.
Feb., 12	D.B.
Sept., 12	D.B.

ROAD INVENTORY

OAHU RTE 99
KAMEHAMEHA HWY.

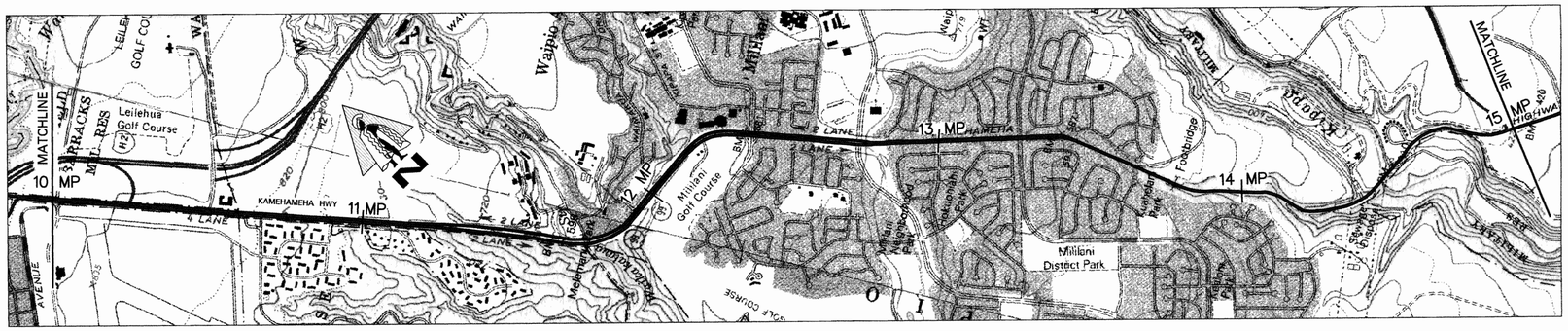
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	23.83	MILES (a+b)
a. Existing Length:	23.83	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	23.83	MILES (a+b, less c)
a. Existing Length:	23.83	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Maintenance Control Sections : Length and Description

99C (9.09mi.)

Structure Carrying Road

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

282' Outbound – TBM, 1950, HS20
225' Inbound – RC Arch Girder, 1937, H15 (Old Struct.)
Waikakalaua Br.

TBM, H15, 1933
484'
Kipapa Br

Vertical Clearance

Outbound 28'
Inbound 30'

30'

Horizontal Clearance

Structure Over Road

Vertical Clearance

13.5'
Pedestrian Overpass

Horizontal Clearance

36'

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

100' – 120' | 116' – 245' | 120' – 275' | 70' – 240'

Available Right of Way (Needs Study)

Military Reserve | Trees & Bushes | Residential Area | Trees & Bushes

Right of Way Fence: Type – Right and Left

(25' F.E.O.P.) Vinyl Fence | 6' Chain Link Fence | Tile 10'-15' from Edge of Pavement | Tile 50' from Edge of Pavement | Tile 20'-30' from Edge of Pavement
Chain Link, 15' from Edge of Pavement

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

Partial

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

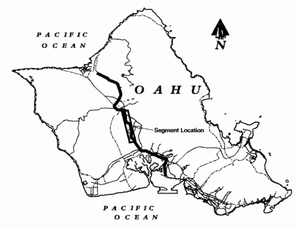
State

Project No., Type of Construction, and Year Constructed

NH-099-1(24), Rehabilitation, 2008

Project No., Type of Construction, and Year Constructed

HWY-O-01-89M, (R) 1990 | DE-0200(803), Intersection Imprv., 2001 | HWY-O-01-89M, (R) 1990 | 99C-01-90M, (R) 1991 | (NH-099-1(12), Widening, 1997)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2

10.00 mi.

Ramp Access from H-2 | Leilehua Golf Course Road | Field Rd. | Waikakalaua Br. | Waikalani Dr. | Wahiawa St. | Kipapa St. | 12.37 mi. Kuahelani Ave | Mahiuka Parkway | Lanikuhana Ave | End Divided Hwy | Pedestrian Overpass | Beg Divided Hwy | End Divided Hwy & Kipapa Br | Beg Divided Hwy | Road (R) & Emergency Call Box | Beg Divided Hwy | End Divided | Beg Divided

35+05 | 17+40 | L.B. 92+65

KAMEHAMEHA HIGHWAY

14 MP | 15 MP | 15 MP | 13 MP | 12.38 mi. | 12.36 mi.

10.21 mi. | 10.48 mi. | Lehua Rd. (Schofield Military Housing) 10.86 mi. | End 11.63 mi. Begin 11.58 mi. | 11.69 mi. | 11.91 mi. 11.88 mi. | 12.21 mi. | Kuahelani Ave. | 12.71 mi. | 13.23 mi. | 13.39 mi. | 13.75 mi. 13.74 mi. | 14.34 mi. | End 14.41 mi. Begin 14.39 mi. | 14.50 mi. | 14.52 mi. | 14.53 mi. | 14.63 mi. | 14.77 mi. | 14.93 mi. | 14.99 mi.

15.00 mi.

CONTINUED ON SHEET #4

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Divided Highway

Undivided

Shoulder: Width and Type

4' AC | 5' AC | 3' AC | 5' AC | 3' AC | 0'–2' AC | 0'–2' AC / 15' Grass | 0'–2' AC / 50' Grass & Dirt | 0'–2' AC | 2'–4' AC / Dirt & Gravel (8' AC)

Pavement: Width and Type

24' AC | 22' AC | 23' AC | 24' AC | 33' AC | 11' AC | 24' AC | 11' AC (35' AC) (11' AC)

Shoulder: Width and Type

1' AC | 1.5' AC | 1' AC | (20'-30' Raised Grass) | (20'-30' Grass) 2'–4' AC | 0 | 4' AC | 0 | 6'–8' AC | 2'–4' AC | 0 | 2'–4' AC | 0 (0)

Divided Highway

Median: Width and Type

5'–20' Raised Grass | 22' Grs. | 15'–20' Raised Grass | 10'–20' Grs. | 10'–15' Grs. | 15'–40' Sloped Grs. | 40'–50' Raised Sloped Grs. | 40'–50' Sloped Grass. | 20' Grs. | 20'–30' Raised Grass | 20' Grs. | 2'–20' Grass | 10'–12' Grs. | 10'–8' Grs. | (0'–8' AC) | (0'–11' Painted AC) | 0'–11' Painted AC (70'–18' Painted AC)

=Concrete Barrier =M/M Guardrails

Shoulder: Width and Type

1' AC | 3' AC | 1' AC | 0'–1' AC | 4' AC | 0'–2' AC | 4' AC | 0'–2' AC | 0 | 0 (0)

Pavement: Width and Type

22' AC | 24' AC | 23' AC | 24' AC | 11' AC | 11' AC (24' AC) (24' AC)

Shoulder: Width and Type

5' AC | 0'–2' AC | 2'–4' AC/ 8'–12' Grass | (2-11.5') 3' AC | 0'–2' AC / 8'–12' Grass | 0'–2' AC / 25'–30' Grass | 2'–4' AC | 2'–4' AC (6' AC)

Number of Traffic Lanes

(2-12') (2-11') 4–11' | 2–11' 2–12' | 4–11.5' | 4–12' | 2–11' 1–11' | 2–11' | 2–12' | 2–11' | 1–11' 2–12'

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

16' TL | 15' TL | 14' TL | 14' TL & 14' TL | 11' TL | 12' TL | 12' TL

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

4'–8' Conc. S.W. | 4' Conc. S.W. | 4' Bituminous SW | 4' AC S.W. | 6' PCC S.W. | (4' AC S.W.) | (4' Bituminous S.W.)

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

Concrete Gutter | Curb & Gutter | Curb | Conc. Swale | Curb | Conc. Curb | 2' Conc. Curb & Gutter | Bituminous Curb

Protective Devices: Type, Location and Number

Concrete Curb/ Curb & Gutter | Wood on Conc. M/C | M/M | Metal Rails on Concete Posts (to end of sheet) | 10' Chainlink Fence

Illumination: Type, Location and Number

(M.V.) | 56 H.P.S. | 35 H.P.S. | H.P.S. | 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:

URBANIZED–LARGE (39889)

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

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

Speed: 1–Design, 2–Posted

25 MPH (2) | 35 MPH (2) 45 MPH (2) | 35 MPH (2) | 45 MPH (2) 35 MPH (2) | 35 MPH (2) | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

3 Phase | 3 Phase | 4 Phase | 4 Phase | 3 Phase

Traffic Stations (Current Year)

B72 0099 00986 | B72 0099 01106 | B72 0099 01339 | B72 0099 01434 | B72 0099 01491

HPMS Sections AADT 2011

17,600 | 16,700 | 31,514 | 31,514 (31,514)

HPMS Sections AADT 2010

17,400 | 16,200 | 31,205 | 31,205 (31,205)

HPMS Sections AADT 2009

16,900 | 17,100 | 30,896 | 30,896 (30,896)

DOD Sections

Census Tracts

Functional Classification

Frwy & Expressway (Connecting Link) (2)

National Highway System (NHS)

On NHS (1) | Not On NHS (0)

Previous Projects: Project No., Date and Limits

HWY-O-01-89M, (R) 1990 | 99C-01-87, 1988 (Improv.) | 99C-01-78M, (R) 1979

99C-01-78M, (R) 1979 | 99C-01-73, (R) 1975

C-99-06-60, 1960 | DA-WR 8(3), 1947 | SN (DC) FA F-7(20), 1949 | WPH-7G, 1937 | 99C-01-75, 1975 | WDRC 5(1), 1946 | C-99-01-60, 1960

NRH-7D, 1934 | WPH-7-1, 1936 | SN FAP 7(19), 1949 | WPH-7-1, 1936 | WRH-7D, 1934 | FAP 7-F, 1932

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Date Released
May 2002

Revised	
Apr. 04	*D.B.*
5/06	*G.N.*
Feb. 09	*D.B.*
Sept. 10	*D.B.*
Jan. 11	*D.B.*
Feb., 12	*D.B.*
Sept., 12	*D.B.*

ROAD INVENTORY

OAHU RTE 99

KAMEMEHAHA HWY., FARRINGTON HWY.

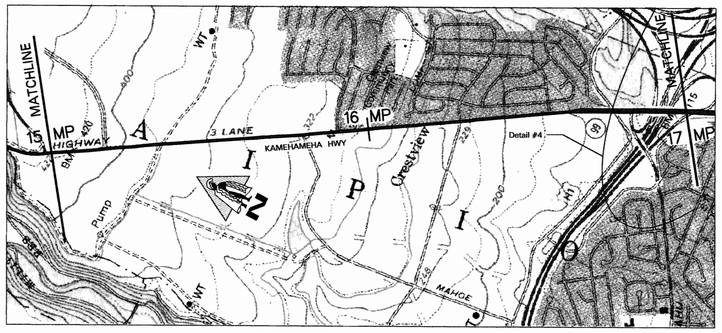
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

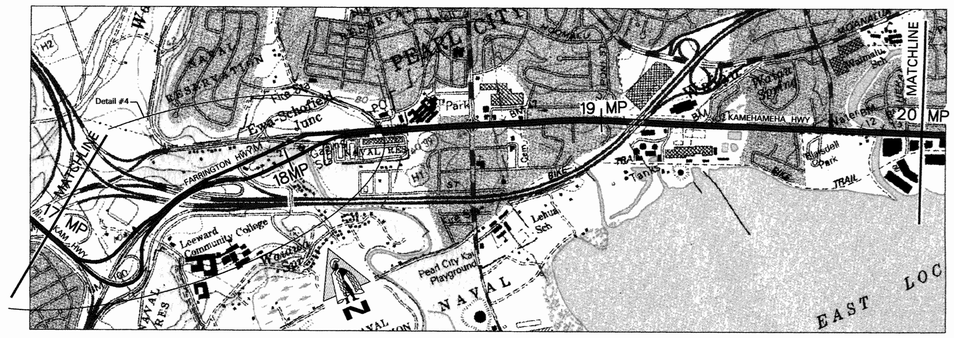
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	23.83	MILES (a+b)
a. Existing Length:	23.83	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	23.83	MILES (a+b, less c)
a. Existing Length:	23.83	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

99C (9.09mi.) | End 99C Begin 99D on Kam Hwy. @ the Centerline of Waipahu St. | 99D (1.23mi.) | 99D Continues from Rte 9000. Length shown is only for that portion on Rte 99 (1.8.) | End 99D Begin 99E at Junct. of Farr. Hwy. & Old Kam Hwy. | 99E (3.11mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
65' SG, HS20, 1953 | 489' TBM, HS20, 1969 | 184' P/CB, HS20, 1969 | 527' CBG, HS20, 1969 | TBM, HS15, 1933 | TBM, HS20, 1952 | 38' TBM, HS20, 1962 | P/CB, 1969 | 45' P/CB, HS20, 1966
65' | 489' | 184' | 527' | CBG, 1969 260' | 332' 200' | 154' TBM 1988 | 38' | 45'

Vertical Clearance
Waipahu U.P. | H1 U.P. | Farrington Hwy U.P. | H1 U.P. | 18' | 30' | 28' | Pearl City Br. | Waimalu Str. Br.

Horizontal Clearance
28' 28' | 34' 34' | 23' 33' | 43' Waiawa Br. I.B. | 42' 42' | H1 Overpass | 39' 38'

Structure Over Road

Vertical Clearance
16' 16' | H1 Ramp O.P. | Waiawa Br. O.B. | 16' 34" Kam Hwy O.P. | 10'

Horizontal Clearance
38' 38' | 33' | 99'

Right of Way Width (min.–max.) if varies: 70' –240'

Available Right of Way Width (Needs Study): (Trees & Bushes) 1000' Clear – Pineapple, 20' from Edge of Pavement | 1000' Clear – Sugar Cane, 20' from Edge of Pavement | Residential | Interchange | Industrial & Residential

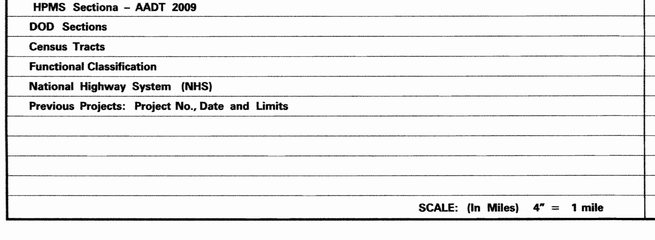
Right of Way Fence: Type – Right and Left: Wood 20' from Edge of Pavement | Chain Link | SW | Chain Link

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

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

Project No., Type of Construction, and Year Constructed: NH–099–1(12), Widening, 1997 | 99D/G–02–08, MEDIAN IMPRV., 2011

Project No., Type of Construction, and Year Constructed: 99C–01–90M, (R) 1991 | NH–099–1(9), Widening, 1995 | 99C–01–78M, (R) 1979 | HWY–0–03–83M, (R) 1983 | 7101A–01–89M, (R) 1990 | 99CD–01–87M, (R) 1987 | 99D/G–01–08, TRAFFIC OP. IMPRV., 2011



CONTINUED FROM SHEET #3

15.00 mi.

Ka Uka Blvd | Waipio Uka St. | Lumiaina St. | Lumiaina St. | Waipahu St. | Waipahu U.P. | H-1 U.P. | Ramp from H1 I.B. (17.13 mi.) | Ramp from Farr. Hwy I.B. (17.20 mi.) | Detail #4 | Farrington Hwy (Rte 7101) | 17.36 mi. | H1 U.P. | Ramp Acc from H-1 | 17.65 mi. | Waiawa Br. O.B. | 17.84 mi. | Kam Hwy O.P. | 17.96 mi. | Old Kam Hwy | (Ramp to H1 & H2) 18.02 mi. | Acacia Rd. (Manana Housing) | Spur to Home Depot | Waimano Home Rd. | Pearl City Br. | Puu-Momi St. | Puu-Poni St. | H1 Overpass Road | Kuleana St. | Kaiuamoi Pl. | Hila Pl. | Kaahumanu St. | Waimalu Str. Br. | 18.84 mi. | Hekeha St.

KAMEHAMEHA HWY | 17 MP 16.81 mi. | 16.74 mi. | #4A | FARRINGTON HWY | Ramp from Farr. Hwy O.B. | #10A | Ramp from Farr. Hwy I.B. | #3A | 990 + 70 | 1029 + 85 | 1049 + 90

15.14 mi. | 15.86 mi. | 16.24 mi. | 16.53 mi. | 16.73 mi. | 16.75 mi. | 16.79 mi. | #4B | 16.84 mi. (16.94 mi.) | 16.68 mi. | On Ramp from H-1 16.99 mi. | #10B | Off Ramp to Waipahu 17.10 mi. | Farrington Hwy U.P. 17.17 mi. | Ramp Acc to H-1 17.28 mi. | 17.47 mi. | #3B | 17.54 mi. | Ramp Access H-1 17.70 mi. | 17.80 mi. | H1 Ramp O.P. 17.82 mi. | Waiawa Br. I.B. 17.97 mi. | #3A | Access from Pearl Park 18.10 mi. | Kam. Hwy 18.11 mi. | 18.25 mi. | 18.35 mi. | Lehua Ave 18.54 mi. | 18.64 mi. | 18.71 mi. | 18.93 mi. | 19.03 mi. | 19.06 mi. | 19.16 mi. | Rds to Power Plant 19.28 mi. | (Park Entrance) 19.61 mi. | 19.66 mi. | 19.80 mi. | 19.90 mi.

CONTINUED ON SHEET #5

20.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type: 4'–6' AC | 2'–4' AC | 0'–2' AC | 6'–8' AC | (33' PCC) | 24' AC | 0'–2' AC

Pavement: Width and Type: (11' AC) | 24' AC | 24' PCC | 24' AC | 15' AC | 33' AC | 24' AC | 36' AC | 40' AC | 36' AC

Shoulder: Width and Type: 0 | 2'–4' AC (PCC on Structures) | (10' Raised Grass) | 0'–2' AC

Median: Width and Type (Median Curb = ⊢ M/M Guardrail ☐ Conc. Barrier ⟍ Chain Link Fence): 0'–18' Painted AC | 18' Grs. | (Structure) | 15'–30' Grass | Struc-ture | 20'–30' Grass | 10'–300' Parkway | 20'–3' | 3'–15' Raised Grass | 6'–12' Raised Grass | 4'–10' Raised Grass | 6'–3' Raised Conc. | 8'–10' Grass

Divided

Shoulder: Width and Type (Median Curb): 0 | 1'–3' AC | 3'–5' AC (PCC on Structures) | 2'–0' AC (PCC on Structures)

Pavement: Width and Type: 24' AC | 24' PCC | 24' AC (24' PCC) | 15' AC (24' AC) | 24' AC | 24' PCC | 24' AC | 33' AC | 36' AC

Shoulder: Width and Type: (6' AC) | 0 | 4'–6' AC | 0 | 0'–2' AC | 10' AC | 9' AC | 0'–2' AC | 0 | 2'–4' AC (PCC on Structures) | 8'–10' AC (PCC on Structures) | 0 | 1'–4' AC | 0

Number of Traffic Lanes: (1–11') (2–12') | 4–12' | 1–15' 2–12' | 3–11' 2–12' | 1–15' 2–15' | 3–11' 2–12' | 4–12' | 2–12' | 3–12' 3–11' | 6–12' | (6–13.3') | 6–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ⌜u=u turn (Right Side) u⌟=u turn

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

Sidewalk: Width and Type (Right and Left): 7" Conc. S.W. | 5' Conc. | 5' Conc. | (10' Conc.) | 5' Conc. | 6' Conc. | 4' AC | 4' Conc. | 8' Conc.

Curb and/or Gutter: Type (Right and Left): (2' Conc. Gutter) | (6' Conc. Gutter) | Conc. Curb

Protective Devices: Type, Location and Number: Metal Rails on Concete Posts | M/M | Metal Rails on Concete Posts | Barrel Impact Attenuator

Illumination: Type, Location and Number: M.V. | (M.V.) | Mercury Vapor

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED–LARGE (39889)

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

Speed: 1–Design, 2–Posted: 45 MPH (2) | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase | 3 Phase | 3 Phase | 3 Phase | (+) Run Only | 2 Phase (B72 0099 01802) | 4 Phase | 4 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase

Traffic Stations (Current Year): (B72 0099 01491) | B72 0099 01507 | B72 0099 01669 | B72 0099 01720 | B72 0099 01729 | B72 0099 01736 | B72 0099 01747 | B72 0099 01765 | B72 0099 01811 | B72 0099 01825 | B72 0099 01854 | B72 0099 01966

HPMS Sectiona – AADT 2011: (31,514) | 39,623 | 46,910 | (40,500) 34,300 | 51,800 | 71,500 | 41,100 | 42,900 | 61,300 | 48,000 | 34,400 | 40,500

HPMS Sectiona – AADT 2010: (31,205) | 39,234 | 46,450 | (46,450) 46,450 | 46,450 | 57,500 | 43,600 | 38,800 | 64,800 | 47,100 | 35,700 | 41,800

HPMS Sectiona – AADT 2009: (30,896) | 38,846 | 45,990 | (45,990) 45,990 | 45,990 | 62,300 | 37,000 | 37,200 | 52,200 | 45,900 | 34,300 | 42,300

DOD Sections

Census Tracts

Functional Classification: Freeway & Expressway (Connecting Link) (2) | Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits: (99D–01–92M, 1993, Left Turn Lanes) | NH–099–1(11), 1994 | 99E–01–91M, (R) 1992 | (99BC–01–76 M, (R) 1976) | 99C–01–78M, (R) 1979 | HWY–0–03–83M, (R) 1983 | 99C–01–60, 1960 | F–7(21), 1953 | FAP 7–C, 1931 | I–H1–1(36):8, 1967 | I–H1–1(47):9, 1968 | F–9(35), 1952 | 90A–01–77M, (R) 1978 | 99D–01–87M, (R) 1987 | 90–BC–01–73, (R) 1975 | (HWY–0–01–88M, (R) 1988) | U–090–1(9), 1965 | F–090–1(6), 1961 | (DA–NR 13(2), 1944) | (DA–NR 13(2), 1944) | (FAP 7–F, 1932)

SCALE: (In Miles) 4" = 1 mile

Date Released
May 2002

Revised	
Aug. 04	D.B.
Sept. 10	D.B.
Jan. 11	D.B.
Feb., 12	D.B.
Sept., 12	D.B.

ROAD INVENTORY

OAHU RTE 99
KAMEHAMEHA HWY.

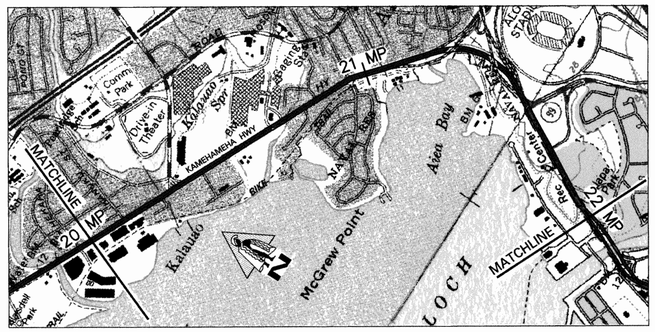
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

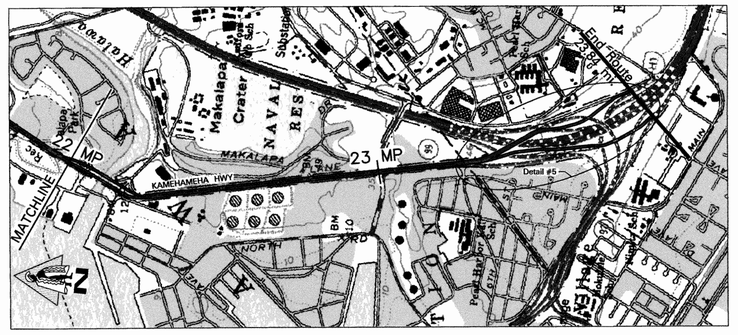
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	23.83	MILES (a+b)
a. Existing Length:	23.83	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	23.83	MILES (a+b, less c)
a. Existing Length:	23.83	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

20 | 21 | 22 | 23 | 24 | 25

99E (3.11mi.) | End 99E & Begin 99F @ N.W. End of Aiea Br. | 99F (1.03mi.) | End 99F Begin 99G 200' S.E. of Halawa Gate Centerline. | 99G (1.67mi.) | End 99G Same as End of Route.

Structure Carrying Road

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

45' | P/CB, HS20, 1966 | 108'
54' | 60'
Kalauao Springs Br. | Kalauao Str. Br.
39' | 39'
39' | 38'

P/CB, HS20, 1970 | 200'
OTH, HS20, 1965 | 49' | SMS, 1966 | SMS, 1965
Presstressed Conc Girder, HL-93, 2006 | 277'
Aiea Br. | Aiea Int. Struct. #2 | Aiea Int. Struct. #4 | Halawa Br.
80'
18' | 16' 07"
44' | 46'
37'
48' – 3"

Structure #2 | 56' | Struct. #6 (L) | 870' | P/T Box Girder & Reinforced Conc. Box Girder, HS-20, 1977
P/T Box Girder, HS-20, 1977 | 870' | Reinforced Conc. Box Girder, HS-20, 1977
Structure #3 | 304' | 126' | 294'
Struct. #4 | Struct. #7
16' | 18' | 40'
16.7' | 16.7' | 16.5'
39' | 12'
Struct. #6 (R)

Vertical Clearance
Horizontal Clearance

Structure Over Road

Vertical Clearance
Horizontal Clearance

Right of Way Width (min.–max.) if varies: 70' –240'

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

Right of Way Fence: Type – Right and Left: Chain Link Fence | Wood | C. L. Fence

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 1155+18 State 265+00 | 210+00 | 1245+00

Project No., Type of Construction, and Year Constructed: 99D/G-02-08, MEDIAN IMPRV., 2011 | Outbound Only, CMAQ-099-1(22),Bikeway, 2007 | 99D/G-01-08, TRAFFIC OP. IMPRV., 2011 | NH-092-1(22), (R) 1995

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #4

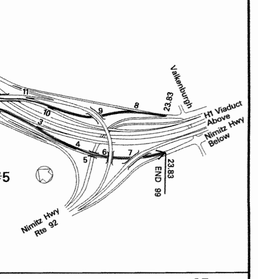
20.00 mi.

Kanuku St. 20.06 mi. | Kaoroni St. 20.25 mi. | Lipoa Pl. 20.35 mi. | Kalauao Springs Br. 1081+25 20.46 mi. | Pali Momi St. 20.59 mi. | Kihale St. Alea Heights Dr. Kalauao Str. Br. 20.67 mi. 20.66 20.72 20.77 mi. | Honomanu St. 20.90 mi. | Off Ramp to Moanalua Fwy 20.66 mi. | On Ramp from Moanalua Fwy Aiea Br. 20.72 mi. | Aiea Int. Struct. #2 21.03 mi. | Paved Rd. 21.17 mi. | Aiea Int. Struct. #4 21.23 mi. | Aiea Int. Struct. #3 21.33 mi. | Ramps to & from Moanalua Fwy 21.47 mi. 21.36 | Road (R) Qu Bound (L) In Bound Salt Lake Blvd. 21.54 mi. | On Ramp from Aiea 21.48 mi. | 1149+10 Ford Island Blvd 21.68 mi. | Kohomua St. Acc. to Playing Field 21.76 mi. | Kalaloa St. 21.81 mi. | Halawa Br. 21.98 mi. | Halawa Dr. 22.04 mi. | Bus Turn-out 22.12 mi. | Arizona St. (Halawa Gate) 22.25 mi. 22.22 mi. | Bus Turn-out 22.53 mi. 22.50 mi. | Radford Dr. 22.86 mi. | 9 MP (Makalapa Gate) 22.94 mi. | Center Dr. 23.19 mi. | Ramp (82 West) Structure #2 23.26 mi. | Ramp (From H1 (L)) Ramp (To H1) Ramp (From H1 O.B.) Ramp (From Nimitz Hwy.) Structure #3 23.31 mi. 23.43 | 23.47 mi. | Ramp (From H1 (R)) 23.58 mi. | 23.93 mi. | Structure #6 23.68 mi. | Ramp (To H1) Structure #4 23.82 mi. | 23.74 mi. | Structure #7 23.75 mi. | 23.83 mi.

KAMEHAMEHA HIGHWAY

Detail #5

END RTE 99 ON THE MAKAI FRONTAGE ROAD AT THE MERGE POINT (PAINT) OF RAMP "NS" FROM NIMITZ HWY. AT PEARL HARBOR INTERCHANGE. 23.83 mi.



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 (□ = Conc. Barrier, ⊢⊣ = M/M Guard Rail, ⟍⟋ = Chain Link Fence, Median Curb =)

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: URBANIZED–LARGE (39889)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) 20.89 | Rolling (2)

Speed: 1–Design, 2–Posted: 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2011
HPMS Sections – AADT 2010
HPMS Sections – AADT 2009

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

National Highway System (NHS): Not On NHS (0) | On NHS (1)

Previous Projects: Project No., Date and Limits

Date Released
May 2002

Revised	
Apr. 04	D.B.
6/06	D.B.
3/07	D.B.
12/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY

OAHU RTE 750
KUNIA ROAD

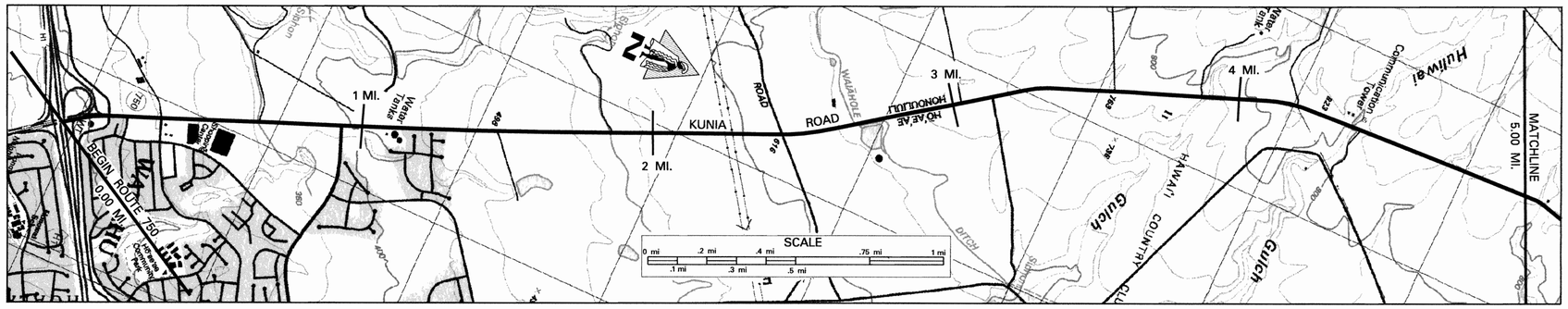
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 8.05 miles
a. Survey Length: 8.05 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

0.13 BEGIN 750A ON KUNIA ROAD AT THE NORTH BOUNDRY OF KUNIA INTERCHANGE — 750A (7.92 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
PRESTRESSED BEAM, 1967, HS 20

Vertical Clearance
0.01

Horizontal Clearance

Structure Over Road

Vertical Clearance
16.2'

Horizontal Clearance
32.0'

Right of Way Width (min.–max.) if varies
120' | 0.10 | 0.21 | 80' | 0.93 | 60'–130'

Available Right of Way (Needs Study)
CLEAR 1000' – SUGAR CANE 20' FROM PAVEMENT | 4.28 | CLEAR 1000' – PINEAPPLE 20' F.P.

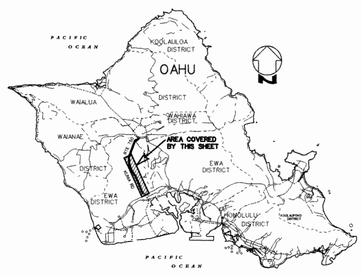
Right of Way Fence: Type – Right and Left
0.05 | 0.10 CHAINLINK 20' FROM PAVEMENT | 1.09 | 1.15 CHAINLINK 20' FROM PAVEMENT

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-0-01-04 Imprvts, 2005 | 0.16 | 0.21 IM-STP-0750(10), WIDENING, 2001 | 0.93

Project No., Type of Construction, and Year Constructed
(IM-H1-1(219), IMPRV., 2000) | 0.18 | STP-0750(8), RESURF., 1994 | 3.27 | SR-0750(6), RESURF., 1984 | 4.00 | STP-0750(9), RESURFACING, 1996



Road Diagram
* MP = Milepost Signage

BEGIN ROUTE 750 ON KUNIA ROAD AT THE CENTERLINE INTERSECTION OF H-1 FREEWAY (SAME AS END RTE 76) — 0.00 mi.

H-1 OFF-RAMP 0.13 Mi. | H-1 WEST BOUND O.P. 0.09 Mi. | H-1 OFF-RAMP 0.08 Mi. | H-1 ON-RAMP & END DIVIDED 0.03 Mi. | BEGIN DIVIDED 0.01 Mi. | KUPUNA LOOP 0.24 Mi. | KUPUNA LOOP 0.21 Mi. | END DIVIDED 0.33 Mi. | BEGIN DIVIDED & ANONUI ST. 0.58 Mi. | END DIVIDED BOARD OF WATER SUPPLY TANKS 0.94 Mi. | OLD PINE FIELD ROAD 1.12 Mi. 1.10 Mi. | KUPEHAU ROAD (GARST RESEARCH CENTER) 1.48 Mi. | CANAL HAWAII RESEARCH CENTER 2.44 Mi. | PINE FIELD ROAD 2.70 Mi. 2.67 Mi. | PINE FIELD ROAD 3.16 Mi. | HAWAII COUNTRY CLUB GOLF COURSE (@ UTILITY POLE) 3.58 Mi. | ROAD 3.79 Mi. | TELEM. STA. 750048 4.01 Mi. | 4.45 Mi. | 4.81 Mi.

KUNIA ROAD

4 MP

Indicates Grass & / or Physical Barrier on Median.

CONTINUED ON SHEET #2
5.00 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway — Undivided

Shoulder: Width and Type
2' AC | 0.17 | 4' AC | 3' AC | 3.27 | 4' AC

Pavement: Width and Type
(36' AC) | 24' AC | 60' | 48' AC | 24' AC | 50' AC | 0.84 | 36' AC | 12' AC | 22' AC

Shoulder: Width and Type
0.05 | 0 | 1' AC | 0 | 0 | 0 | 3' AC | 2.57 | 8' AC | 2.71 | 3' AC | 3.27 | 4' AC

Divided Highway

Median: Width and Type
(0'–15' PAINT & RAISED CONC.) | 0.13 | 12' PAINTED AC | 0.24 | 0.58 | 0.84 | 4' PAINTED AC | 1.12

Median Barriers:

Shoulder: Width and Type
0.05 | 0 | 0 | 0

Pavement: Width and Type
(24' AC) | 36' AC | 0.28 | 24' AC | 26' AC | 12' AC

Shoulder: Width and Type
(5' AC) | 1' AC | 0.17 | 0 | 16' AC | 1.08 | (8' AC)

Number of Traffic Lanes
(3–12' (0.05)) (2–12' (0.04)) | 2–12' 3–12' | 4–12' | 0.28 | 2–12' 1–12', 1–14' | 0.84 | 1–12' | 2–12' | 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(((2–12' TL'S) | 0.03 | 0.14 | 12' T.L. | 0.25 | 0.35 | 0.42 | 10' T.L. | 0.94 | 1.10

(Right Side)
0.25 | 10' T.L. | 0.42 | 0.94 | 10' T.L. | 0.08 | 0.11 | 0.17 | 0.22 | 0.27 | 0.33

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

Sidewalk: Width and Type (Right and Left)
8' CONC. S.W. | 1.12

Curb and/or Gutter: Type (Right and Left)
(GUTTER .01 – .02) | CURB | 0.29 | 2' CONC. CURB & GUTTER | 1.12

Protective Devices: Type, Location and Number ALL METAL ON METAL UNLESS OTHERWISE INDICATED
CONC. POST STEEL RAILS | 0.86 | 1.01 | CONC. POST STEEL RAILS | 3.90 | 3.98

Illumination: Type, Location and Number
5 MV | 0.21 | 27 HPS LAMPS | 0.84

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative
0.19 | +8 | 0.62 | 0.69 | +3 | 0.70 | 0.73 | +2 | 0.98 | 1.07 | +6 | 1.41 | 1.54 | +1 | 1.70 | 1.75 | +3 | 1.98 | 2.60 | +3 | 2.70 | 2.88 | +3 | 3.38 | 3.52 | +2 | 3.65 | 3.84 | +6 | 4.08 | 4.42 | +4 | 4.65 | 4.81 | +3 | 4.92

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Urbanized–Large (39889) | 2.00 | RURAL (99999)

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

Speed: 1–Design, 2–Posted
2 PHASE 35 MPH (2) | 0.83 | 0.27 | 45 MPH (2) | 4.97 | (35 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing
0.16 | 0.21 | 0.33 4 PHASE | 0.94 3 PHASE

Traffic Stations (Current Year)
B72 0750 00000 | B72 0750 00017 | B72 0750 00033 | B72 0750 00094 | B72 0750 00200 | B72 0750 00379

HPMS Sections – AADT 2011
57,500 | 26,500 | 18,000 | 13,200 | 13,100 | 13,200

HPMS Sections – AADT 2010
56,700 | 0.17 | 42,793 | 19,818 | 2.00 | 14,435 | 3.79 | 14,300 | 12,700

HPMS Sections – AADT 2009
59,600 | 42,369 | 0.33 | 19,622 | 0.84 | 14,292 | 14,200 | 12,579

DOD Sections

Census Tracts

Functional Classification
PRINCIPAL ARTERIAL (3) | 2.00 | MINOR ARTERIAL (4)

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

Previous Projects: Project No., Date and Limits
STP-0750(8) RESURFACE, 1994
750A-01-82M, RESURFACE, 1982 | 3.27 | 4.00 | STP-0750(9), RESURFACING, 1996 | SR-0750(6), RESURFACE, 1984
A-75-01-64, 1964 (R) NRH-16A, 1933
0.18 | (I-H1-1(18), U-2,1965)
107 + 00 | 97 + 64.61 | 448 + 53.41

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
MAR. 05, D.B.

Revised	
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

OAHU RTE 750
KUNIA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

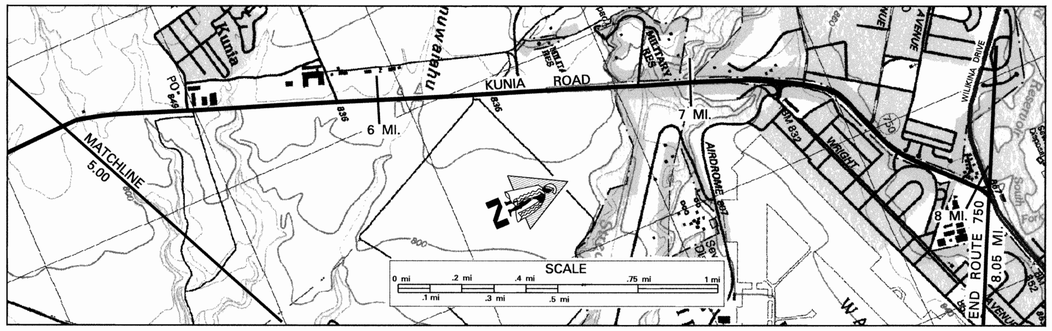
Total Route Length: 8.05 miles

a. Survey Length: 8.05 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*


KUNIA ROAD
MATCHLINE 5.00
6 MI.
7 MI.
8 MI.
8.05 MI.
END ROUTE 750
SCALE
0 mi .2 mi .4 mi .75 mi 1 mi
.1 mi .3 mi .5 mi
WILIKINA DRIVE
WRIGHT
AIRDROME
RM 830
PO #49
Kunia
Waiawa
Waiahiahi
Reservoir
Camp Catlin
Camp Kolekole
Camp Wilson
Camp Tracy
Camp Timberlake
Camp Pupukea
Camp Kawailoa
Camp Malakole
Camp Waialua
Camp Erdman
Camp Mokuleia
Camp Kaena
Camp Kawaihapai
Camp Kaala
Camp Kaukonahua
Camp Kawailoa
Camp Waialua
Camp Kaena
Camp Mokuleia

ROAD INVENTORY

OAHU RTE 901
FORT BARRETTE ROAD

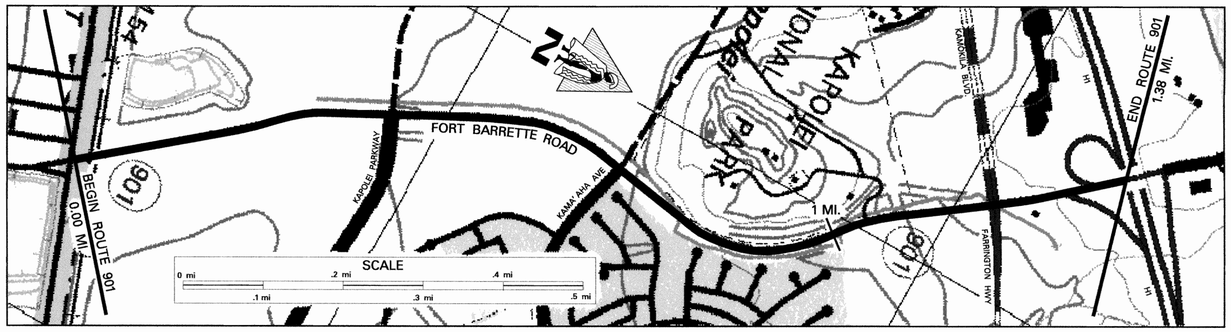
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 1.38 miles
a. Survey Length: 1.38 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Maintenance Control Sections : Length and Description

BEGIN 901A ON BARBERS POINT ROAD AT THE NAVAL RES. GATE | 901A (1.38 MI.) | END 901A SAME AS END ROUTE

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 120' | 100'

Available Right of Way Width (Needs Study): CLEAR 1000' SUGAR CANE 20' FROM PAVEMENT | 1.24 RESIDENTIAL

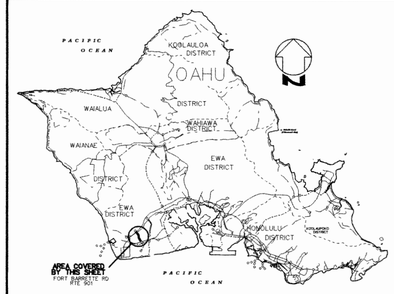
Right of Way Fence: Type – Right and Left: (CHAINLINK 20' FROM PAVEMENT) 0.80 – 0.91

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: 1.23 H1A-01-02M, 2004, REHAB.

Project No., Type of Construction, and Year Constructed: (SR-901(1), (R), 1981) 0.02 | STP-0901(3), (R), 1993



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Divided Highway – Undivided

Shoulder: Width and Type: 6' AC | 12' GRASS

Pavement: Width and Type: 24' AC | 12.5' AC | 25' AC | 12.5' AC | 25' AC | 13' AC | 24' AC

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

Median: Width and Type: 10' FLUSH GRASS | 12' PAINT | 12' PAINT | (0-10' PAINTED) | 10' RAISED GRASS | 12' PAINT

Median Barriers:

Divided Highway – Undivided

Shoulder: Width and Type: 0 | 0 | 0

Pavement: Width and Type: 24' AC | 12.5' AC | 12.5' AC | 13' AC | 24' AC

Shoulder: Width and Type: 6' AC | 6' AC | 13' CORAL | 0

Number of Traffic Lanes: 4–12' | 2–12.5' | 2–13' | 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.41–0.50, 0.71–0.80, 1.22–1.35

(Right Side): 0.33–0.41, 0.61–0.71, 1.15–1.31 ALL 12' T.Ls.

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

Sidewalk: Width and Type (Right and Left): 1.28 6' CONC. | 1.24 4' AC 8' CONC.

Curb and/or Gutter: Type (Right and Left): CURB | CURB & GUTTER

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number: 1.24 HPS

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED–LARGE (39889)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1) | 1.23 ROLLING (2)

Speed: 1–Design, 2–Posted: 25 MPH (2) NOT POSTED | 45 MPH (2) | 40 MPH (2) | NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing: 2 PHASE LIGHT | 2 PHASE TRAFFIC LIGHT

Traffic Stations (Current Year): B72 0901 00000 | B72 0901 00008 | B72 0901 00115 | B72 0901 00122

HPMS Sections – AADT 2011: 12,500 | 15,200 | 16,200 | 40,900

HPMS Sections – AADT 2010: 28,056 | 28,056 | 16,000 | 56,800

HPMS Sections – AADT 2009: 27,778 | 27,778 | 18,200 | 66,200

DOD Sections: DOD 360

Census Tracts: CT 86.02

Functional Classification: MINOR ARTERIAL (4)

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

Previous Projects: Project No., Date and Limits: SR-901(1), RESURF., 1981 | DAD 1(2), 1959 | 901A-01-72, 1972 | I-H1-1(139);1,1981 | (I-H1-1(17), UNIT 1, 1965)

SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Date Released	
MAR. 05, D.B.	
Revised	
6/06	*D.B.*
9/10	*D.B.*
1/11	*D.B.*
2/12	*D.B.*
9/12	*D.B.*

ROAD INVENTORY

OAHU RTE 930
FARRINGTON HWY. – KAUKONAHUA RD.
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

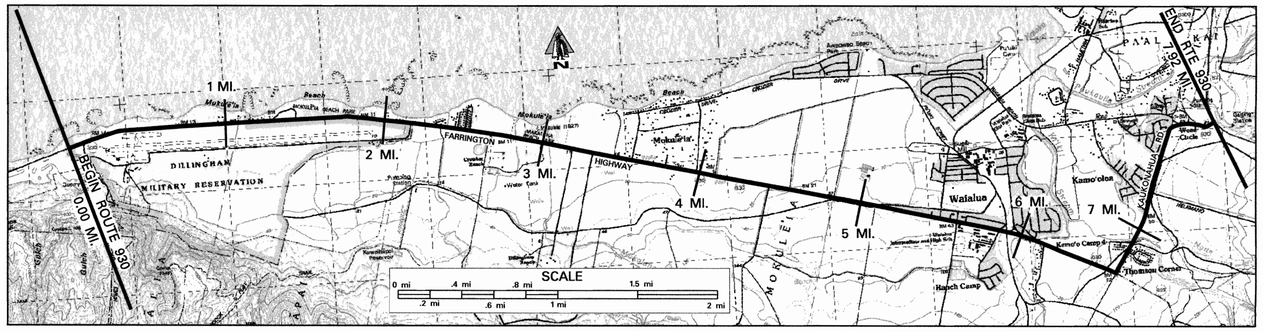
Total Route Length: 7.92 miles

a. Survey Length: 7.92 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 930 B SAME AS ROUTE. | 930 B (5.69 MI.) | END 930 B & BEG. 930 C ON FARR. HWY. AT CENTERLINE OF KUHI ST. 5.69 | 930 C (0.99 MI.) | END 930 C & BEG. 930 D ON FARR. HWY. AT WEST E. P. OF KAUKONAHUA RD. 6.68 | END 930 D SAME AS END ROUTE

Structure Carrying Road

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

SLAB, H15 1941 22' 1.21 | SLAB, H15 1940 52' 1.82 | SLAB, H15 1940 96' 2.81 | SLAB, H15 1940 50' 3.03 | SMS 1940 62' 5.86 | TBM, H15 1940 148' 6.15 | SLAB, H15 1941 23' 6.81 | OTHER, H15 1934 164' 6.90

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

16'–04" | 24'

Horizontal Clearance

32' | 24' | 24' | 24' | 26' | 36' | 24'

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

60'–75' 0.82 | 80' 2.88 | 70' 5.87 | 70'–110' 6.42 | 60'–70' 7.07 | 60'–65' 7.20 | 60' 7.80 | 70'

Available Right of Way Width (Needs Study)

TREES AND BUSHES 1.98 | RESIDENTIAL 2.83 | 1000' CLR–SUGAR CANE 20'–30' F.P. 5.29 | RESIDENTIAL 6.19 | CLR 1000' SUGAR CANE

(WOOD 15' F.P.) 2.11 | (WOOD 30' F.P.) 3.26

2.53 | 3.26

WOOD 30' F.P.

2.17

Right of Way Fence: Type – Right and Left

NONE

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

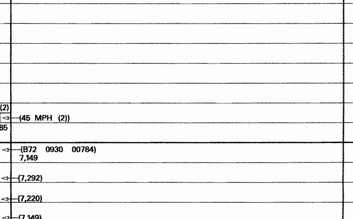
STATE PHASE I (C TO S)

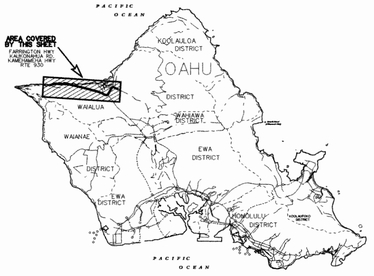
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

930B–01–90M, 1991 3.18 | RS–0930(5), RESURF., 1988 6.68 | 930D–01–88M, (R), 1988

Project No., Type of Construction, and Year Constructed





Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN RTE 930 @ 0.00 MI. MP FARRINGTON HWY. @ THE KAENA PT. STATE PARK BDRY. 0.09 MI. WEST OF THE ACCESS RD. TO DILLINGHAM AIR FIELD @ PROJECTED FENCE LINE W/ DILLINGHAM AIR FIELD (@ PROJECTED)

DILLINGHAM AIR FIELD ACC. RD. 0.09 Mi. | GLIDER FIELD ENTRANCE 0.34 Mi. | MOKULEIA PK. (ENT.) 1.21 Mi. | KAWAIHAPAI BR. 1.29 Mi. | POLI POLI BR. 1.43 Mi. | DILLINGHAM A.F. 1.82 Mi. | HOOMANA PL. 2.15 Mi. | LAAU PAINA PL. 2.30 Mi. | CULVERT 2.38 Mi. | HOOMAHA PL. 2.44 Mi. | POLO GROUNDS 2.52 Mi. | CROW BAR RANCH 2.66 Mi. | KAPALAAU BR. 2.72 Mi. | MAKALENA BR. 2.81 Mi. | MOKULEIA (LAND CO.) 3.03 Mi. | NO NAME ROAD 3.18 Mi. | MAHINA' AI ST. 3.30 Mi. | 'OLA' O PL. 3.56 Mi. | OLOHI' O ST. 3.77 Mi. | CULVERT & TELEPHONE SUBSTATION 3.96 Mi. | CULVERT 4.08 Mi. | FIELD ROAD 4.43 Mi. | CULVERT 4.56 Mi. | CULVERT 4.63 Mi. | CANE HAUL RD. 5.11 Mi. | KAUPEA RD. 5.47 Mi. | KAUPEA BR. 5.52 Mi. | NALUAHI ST. 5.58 Mi. | BEGIN DIV. HWY 5.69 Mi. | KUHI ST. (L) (R) 5.69 Mi. | END DIV. HWY 5.73 Mi. | GODDALE AVE. 5.98 Mi. | KAHUKU ST. INT. SCHOOL 6.03 Mi. | PLANT ST. 6.15 Mi. | MANU'A PL. 6.20 Mi. | KU PL. 6.35 Mi. | PUUKI ST. 6.61 Mi. | KAUKONAHUA RD. (RTE 803) SEE TOP MAP PLANT RD. O.P. 6.68 Mi. | LOWER RD. 6.80 Mi. | MOKULEIA BR. 6.88 Mi. | KAAMOLOA RD. 6.90 Mi. | KIEOINEA WAY 7.16 Mi. | PA' AHIHI ST. 7.11 Mi. | KEAKULA ST. 7.33 Mi. | BEGIN VEED JCT. 7.46 Mi. | BEGIN DIV. HWY 7.64 Mi. | END VEED JCT. 7.74 Mi. | WEED CIR. 7.83 Mi. | BEGIN VEED JCT. 7.91 Mi. | T.C. 7.84 Mi. | 7.82 Mi. | 7.85 Mi.

FARRINGTON HIGHWAY | KAUKONAHUA ROAD | KAM HWY

END RTE 930 @ SOUTHWEST EDGE OF PAVEMENT OF KAMEHAMEHA HWY. (SEE DETAIL) 7.92 Mi.



SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

4' AC | 22' AC | 4' AC | 4' AC | 4' AC | 4' AC | 4' AC | 4' AC | 10'

Pavement: Width and Type

22' AC | (26' AC) 22' AC | 22' AC | 22' AC | (2' AC) (8') | 24' AC | 20' AC | 24' AC (11' AC)

Shoulder: Width and Type

4' AC | (23' AC) 0 | (26' AC) 4' AC | 2' AC | 4' AC | 0 | 0 (0)

Median: Width and Type

(25' RAISED GRASS) | (10'–100' GRASS) (5'–250' GRASS) (0'–8' PAINTED) (4' PAINTED AC) (0'–12' PAINTED)

Median Barriers:

Shoulder: Width and Type

0 | 0 (0)

Pavement: Width and Type

22' AC | 20' AC (11' AC)

Shoulder: Width and Type

0 (2–11.5') | (2–11') | 8'–12' (8' AC)

Number of Traffic Lanes

2–11' | (2–13') 2–11' 2–22' (2–13') 2–11' | 2–12' | 2–20' (2–12') (2–11')

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

3'–6' CONC.

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

(6.5' CONC. S.W.) 5.28 | 3' CONC. S.W. 5.62 | CONC. CURB 5.69 | CONC. CURB 5.83 | (CONC. GUTTER)

WOOD ON CONC. | WOOD ON CONC. | W/C | W/C | M/M | M/M

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

INCAN. 2.14 | 2.39 | 27 MV LAMPS 5.24 | INCANDESCENT 5.13 | INCAN. 7.07 | 7.26 | 19 MER. VAPOR LAMPS E. BND.

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL (99999)

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

FLAT (1)

Speed: 1–Design, 2–Posted

NOT POSTED 1.95 | 35 MPH (2) 2.59 | 45 MPH (2) 35 MPH (2) 4.72 | 25 MPH (2) 45 MPH (2) 5.22 | 25 MPH (2) 6.17 | 6.22 | 35 MPH (2) 7.61 | 25 MPH (2) (25 MPH (2)) 7.63 | 7.85 | (45 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B72 0930 00000 | B72 0930 00215 | B72 0930 00356 | B72 0930 00552 | B72 0930 00599 | B72 0930 00568 | B72 0930 00765 | B72 0930 00764 | B72 0930 00784

1,200 | 1,800 | 6,880 | 6,700 | 8,725 | 7,000 | 7,149 (7,292) | (7,292) | (7,292)

1,100 | 1,900 | 6,812 | 6,600 | 8,640 | 7,000 | (7,220) | (7,220) | (7,220)

1,714 | 2,516 | 6,745 | 6,745 | 8,554 | 7,149 | (7,149) | (7,149) | (7,149)

HPMS Sections – AADT 2011

HPMS Sections – AADT 2010

HPMS Sections – AADT 2009

DOD Sections

DOD 326 | DOD 330

Census Tracts

CT 99.01 | 99.02 | 100

Functional Classification

MINOR ARTERIAL (4)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

930B–01–69, 1970 WDR 4(1) 1950 | (WDR 4(1), 1950) | FAP 35 A(1) 1939 | 930B–01–73, (R), 1974 | (RS–0930, 1979, WIDEN, RESURF, SHLDR. IMPRV.) | A–99–01–65, (R), 1965 | WDRC 8(1), 1934 | (DF–082–1(1), 1959) | WDR 4(1) 1950 | (FAGH 35–B(1), 1939) | (FAP 35–C(1), 1939) | FAGH 35–B(1), 1939 | NRH–7E, 1933 | FAP 7–J(1), 1939 | (FAP 21–B, 1937) | (F–7(22), 1951) | (FAP 21–C, 1939)

SCALE: (In Miles) 2" = 1 mile

Date Released
MAR. 05, D.B.

Revised	
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

OAHU RTE 7012
WHITMORE AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

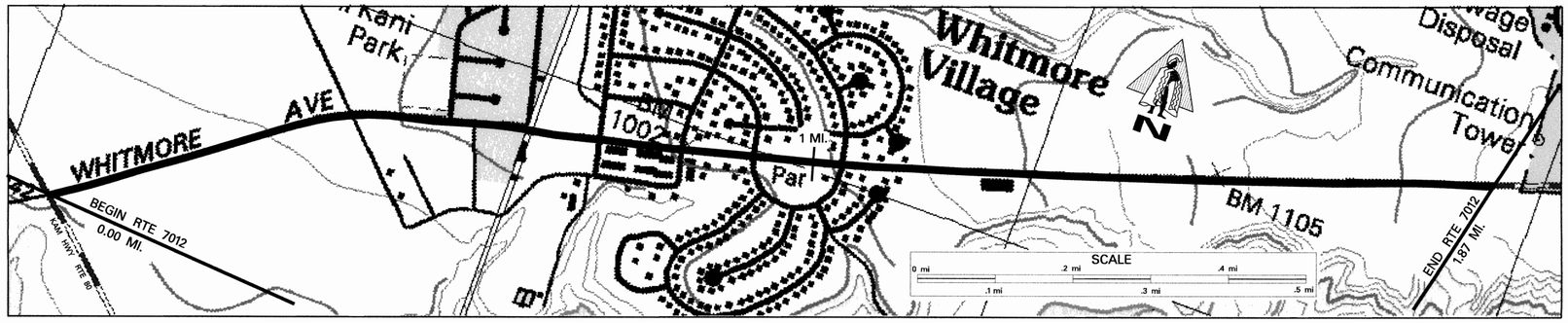
Total Route Length: 1.87 miles

a. Survey Length: 1.87 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Maintenance Control Sections : Length and Description

0.01 BEG. 7012–A 38' N.E. OF EDGE OF PAVEMENT — 7012–A (1.86 MI.) — END 7012–A SAME AS END ROUTE

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: NONE

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60'

Available Right of Way Width (Needs Study): 1000' CLEAR PINEAPPLE FIELD 15' FROM EDGE OF PAVEMENT (0.63) — RESIDENTIAL / COMM. (1.29) — 1000' CLEAR PINEAPPLE FIELD 15' FROM EDGE OF PAVEMENT

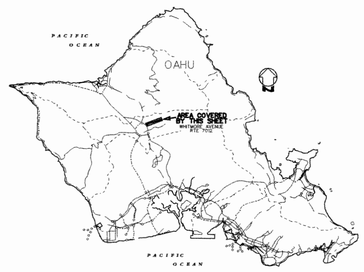
Right of Way Fence: Type – Right and Left: (CHAINLINK 15' FROM EDGE OF PAVEMENT) 0.07 — 0.83 — 0.92 — 1.03 (CHAINLINK 15' FROM EDGE OF PAVEMENT)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 0+30 STATE 101+09

Project No., Type of Construction, and Year Constructed: 0.00 — HWY–O–05–07M, RESURF W/ SLURRY SEAL, 2007 — 1.87

Project No., Type of Construction, and Year Constructed: 7012A–01–98M RESURFACE, 1999



Road Diagram

* MP = Milepost Signage

BEGIN RTE 7012 ON WHITMORE AVE. AT THE NORTHEAST EDGE OF PAVEMENT OF KAM HWY (RTE 80). 0.00 MI.

TRACTOR CROSSING 0.03 MI. — BEG DIVIDED 0.15 MI. — PAVED RD (L) — WHITMORE — AVENUE — 0.30 MI. — END DIVIDED 0.39 MI. — TRACTOR CROSSING 0.42 MI. — UAKANIKO'O ST. 0.52 MI. — KULIA ST. 0.62 MI. — DRIVEWAY TO DOLE CORP. (L) — IHIIHI AVE (R) 0.72 MI. — DRIVEWAY TO DOLE CORP. (L) — LALAWAI ST. (R) 0.83 MI. — EHOEHO AVE. (L) — NANI IHI AVE. (R) 0.92 MI. — IHIIHI AVE. (L) — NANI IHI AVE. (R) 1.03 MI. — 55+00 — TRACTOR CROSSING 1.48 MI. — MILITARY COMPOUND 1.56 MI.

END RTE 7012 ON WHITMORE AVE. AT NEW WEST BOUNDARY OF THE NAVAL COMMUNICATION STATION 1.87 MI.

SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Divided Highway – Undivided

Shoulder: Width and Type: 4' AC — 0.72 — 2' AC — 1.13 — 4' AC

Pavement: Width and Type: (22' AC) 0.02 — 44' AC — 22' AC — (11' AC) 0.40 — 22' AC

Shoulder: Width and Type: 4' AC — 0' — 4' AC

Median: Width and Type: 0–11' PAINTED AC

Median Barriers: 0.15 — 0.42

Shoulder: Width and Type: 0'

Pavement: Width and Type: 22' AC 0.18 — 11' AC

Shoulder: Width and Type: 0.02 — 4' AC

Number of Traffic Lanes: (2–11') — 2–11' — 0.40 — 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.02 — 0.18 — 0.30 — 0.37

(Right Side): 0.02

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

Sidewalk: Width and Type (Right and Left): 0.72 — 4' B.P. SIDEWALK — 1.13

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

Protective Devices: Type, Location and Number: NONE

Illumination: Type, Location and Number: M.V. 1.06

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:: URBANIZED–LARGE (39889)

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

Speed: 1–Design, 2–Posted: (NOT POSTED) 0.06 — 25 MPH (2) — 1.21 — NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing: TRAFFIC LIGHT 0.00 — 0.72 STOP SIGN — STOP SIGN 1.03

Traffic Stations (Current Year): B72 7012 00000 — B72 7012 00040 — B72 7012 00052 — B72 7012 00103

HPMS Sections – AADT 2011: 11,790 — 6,400 — 12,317 — 2,500

HPMS Sections – AADT 2010: 11,800 0.40 — 12,196 0.62 — 12,196 — 6,400

HPMS Sections – AADT 2009: 10,700 — 12,075 — 12,075 1.03 — 1,600 1.87

DOD Sections: DOD 100

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits

0.01 — 804 A–01–97M RESURFACE, 1986 — 0.72 — RS–0804(2), 1985 — 1.13 — A–804–01–65 RESURFACE 1965 — DANR 4(1) 1934

SCALE: (In Miles) 10" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Date Released
APR. 2005, D.B.

Revised	
5/06	G.N.
2/08	*D.B.*
8/10	*D.B.*
1/11	*D.B.*
2/12	*D.B.*
9/12	*D.B.*

ROAD INVENTORY

OAHU RTE 7101
FARRINGTON HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

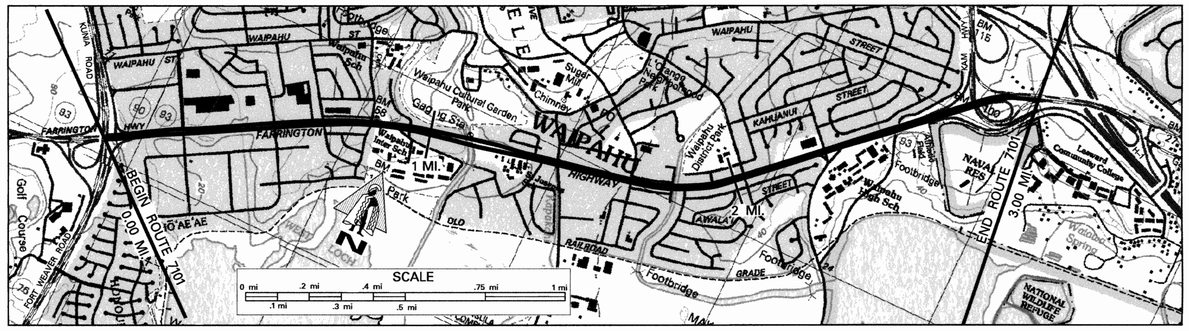
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 3.00 miles

a. Survey Length: 3.00 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 7101-A SAME AS BEGIN ROUTE | 7101 A (3.00 MI.) | END 7101-A SAME AS END ROUTE

Structure Carrying Road

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

CULVERT HS 20 1965 | 29'
I.B. TBM H15 1939 49'
O.B. P/CB HS 20 1963 122'
I.B. : TBM HS 15 1939 130'
SLAB HS 20 1964 | 23'
SLAB HS 20 1964 | 55'
SLAB HS 20 1952 | 24'
P/CB HS 20 1969

Vertical Clearance

0.41 | 1.12 | 1.17 | 1.40 | 1.78 | 2.50 | 2.76

Horizontal Clearance

98' | OUTBOUND : 36' INBOUND : 24' | 24' | 99' | 94' | 82'

Structure Over Road

Vertical Clearance

15' 10" | 16' 03"

Horizontal Clearance

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

ESTIMATED 100'

Available Right of Way Width (Needs Study)

COMMERCIAL | RESIDENTIAL

Right of Way Fence: Type – Right and Left

TILE | CL | SW

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

PARTIAL

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

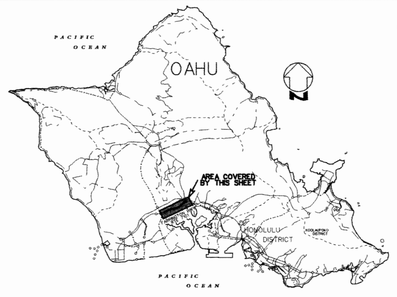
43 + 80.28 | STATE | 36 + 05

Project No., Type of Construction, and Year Constructed

7101A-01-04M, REHAB., 2006

Project No., Type of Construction, and Year Constructed

7101A-01-98, IMPRV., 2003



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN RTE 7101 ON FARRINGTON HWY. AT THE CENTERLINE INTERSECTION WITH KUNIA RD (RTE 76). 0.00 mi.

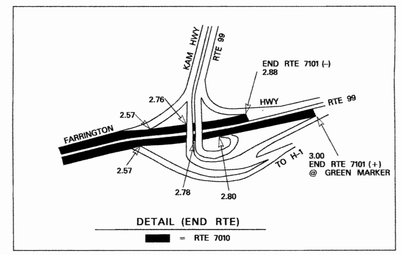
FARRINGTON HIGHWAY

ON RAMP A (R) | OFF RAMP E | ON RAMP (L) SPUR | LEOLE ST. (R) | LEOKU ST. (L) | CULVERT | LEOKANE ST. | PUPUKAHI ST. | PUPUPUHI ST. | WAIKELE RD. | ANIANI PL. | WAIKELE BR. #2 | WAIKELE BR. #1 | MAKAMAKA PL. | WAIPAHU DEPOT ST. | PAPAKAHI BR. | HANAWAI CIR. | KAHUAMOKU PL. | AWAMOKU ST. | WAIPAHU CANAL BR. | MOLOALO ST. | AWALAU ST. (R) | MOKUOLA ST. (L) | PAIWA ST. (L) | AWANUI ST. (R) | WAIPIO ACC. RD. | WAIPIO PT. (R) | KAHUALII ST. (L) | ON-RAMP FROM RTE 99 (L) | OFF-RAMP TO RTE 99 (L) | OAHU SUGAR CO. RD. UNDERPASS | ON-RAMP TO H-1 (R) | OFF-RAMP FROM H-1 (L) | STRUCT. #10A | STRUCT. #10B | OFF RAMP (END RTE 7101 (-)) ON RAMP (TO RTE 99)

MP | 1.40 MI. | 163 + 25 | 17.73 MP

0.09 MI. | 0.24 MI. | 0.41 MI. | 0.40 MI. | 0.53 MI. | 0.68 MI. | 0.82 MI. | 0.89 MI. | 0.94 MI. | 1.12 mi. | 1.17 MI. | 1.21 MI. | 1.34 MI. | 1.42 MI. | 1.64 MI. | 1.77 MI. | 1.82 MI. | 1.90 MI. | 2.01 MI. | 2.26 MI. | 2.32 MI. | 2.50 MI. | 2.57 MI. | 2.76 MI. | 2.80 MI. | 2.88 MI. | 2.97 MI.

END RTE 7101 ON FARRINGTON HWY AT THE KAMEHAMEHA HWY INBOUND OFF RAMP. 3.00 mi.



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type

10' AC | 10' GRV | 0' | (8' DIRT) | 0' | 10' GRASS | 0' | 10' AC | 10' DIRT

Pavement: Width and Type

24' AC | 27' AC | 25' AC | 36' AC | 24' AC | 33' AC

Shoulder: Width and Type

(14' RAISED GRASS) | 0'

Divided Highway

Median: Width and Type

36' | 24' | 36' | 24' | 4'–25' | 10' | 10' RAISED GRASS

Median Barriers:

CHAIN LINK FENCE | TREES & SHRUBS ON RAISED GRASS

Shoulder: Width and Type

0'

Pavement: Width and Type

24' AC | 26' AC (12' AC) | 24' AC | 26' AC | 24' AC

Shoulder: Width and Type

8' GRASS | 0' | 8'–12' GRASS | 8'–12' GRASS | 0' | 0' | 3' AC | 8'–10' GRASS | 3' AC | 10' DIRT | 10' AC

Number of Traffic Lanes

4–12' | 1–13', 1–14' | 1–12', 1–14' | 2–12' | 1–11', 1–14' | 3–12' | 2–12' | 1–12', 1–14' | 2–12' | 3–11'

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

11' TL | 14' TL | 1–12' DECEL

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

6' AC | 6' AC | (BUS LANE) | 5' CONC. | 4' CONC. | 6' AC | 4' CONC. | 6' AC | 6' CONC. S.W.

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

(6' AC) | 4' AC | CONC. CURB | C/C | CONC. GUTTER

Protective Devices: Type, Location and Number

METAL ON METAL GUARDRAILS | BARREL IMPACT ATTENUATORS

Illumination: Type, Location and Number

MERCURY VAPOR

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

URBANIZED–LARGE (39889)

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

ROLLING (2)

Speed: 1–Design, 2–Posted

(NOT POSTED) | 35 MPH (2) | 35 MPH (2) | 30 MPH (2) | 30 MPH (2) | 30 MPH (2) | SCHOOL ZONE | 25 MPH (2) | 35 MPH (2) | 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

4 PHASE | 3 PHASE

Traffic Stations (Current Year)

B72 7101 00000 | B72 7101 00024 | B72 7101 00053 | B72 7101 00082 | B72 7101 00109 | B72 7101 00149 | B72 7101 00226 | B72 7101 00257 | B72 7101 00280 | (B72 7101 00292)

34,500	24,400	25,957	31,306	31,200	31,800	39,794	27,611	27,611	(20,300)
40,760	25,400	25,700	30,999	30,999	33,338	39,400	27,341	27,341	(27,341)
40,356	24,300	30,600	30,692	30,692	33,008	32,200	27,070	27,070	(27,070)

HPMS Sections – AADT 2011

HPMS Sections – AADT 2010

HPMS Sections – AADT 2009

DOD Sections

DOD 185

Census Tracts

Functional Classification

PRINCIPAL ARTERIAL – (3)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

0.09 (7101A-02-99, IMPRV., 2001) 0.26 | 0.87 (7101A-01-00, IMPRV., 2002) 1.01 | 0.22 7101A-02-97, SIDEWALK, PAVT. WIDENING, 1999 2.00 | (7101A-03-89, (R) 1991) 1.40 1.48 | HWY-O-01-90M, 1991, R 0.50 7101A-01-89M (R), 1990 | 0.23 DE-0200(801), IMPR., 1998 2.27 | 9000A-01-80M, (R) 1981 0.69 1.30 90A-01-77M (R) 1978 | F-090-1(8), 1963 F-090-1(7), 1962 F-4(7), 1952 | 0.05 FAP 4C 1938 F-4(7) 1952

OUTBOUND PROJECTS
INBOUND PROJECTS

SCALE: (In Miles) 4" = 1 mile

Date Released
APR. 2005, D.B.

Revised	
6/06	D.B.
3/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY
OAHU RTE 7110
FARRINGTON HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

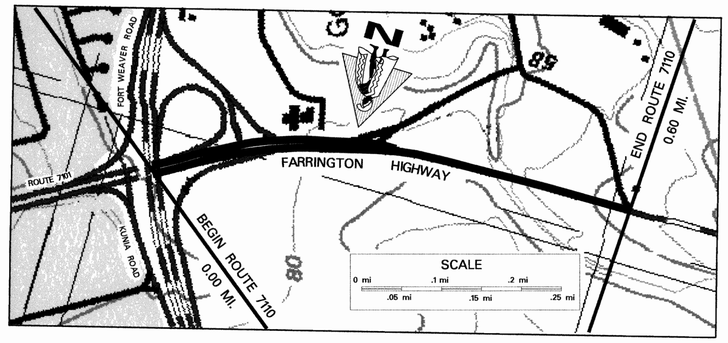
Total Route Length: 0.60 miles

a. Survey Length: 0.60 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

BEGIN 7110A SAME AS BEGIN ROUTE | 7110 A (0.60 MI.) | END 7110A SAME AS END RTE

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

NONE

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

STATE

Project No., Type of Construction, and Year Constructed

43+80.28 | 24+20.55 | 0.37

7101A–01–04M, REHAB., 2006

Project No., Type of Construction, and Year Constructed

0.00 | 0.38

HWY–0–01–90M, (R), 1991



Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 7110 ON FARRINGTON HWY AT THE CENTERLINE OF FORT WEAVER ROAD O.P. (SAME AS BEGIN ROUTE 7101). 0.00 MI.

FORT WEAVER ROAD O.P. (EWA BOUND) | OFF-RAMP TO FORT WEAVER ROAD | ACCESS OFF-RAMP TO FORT WEAVER RD. ON-RAMP FROM KUNIA ROAD | DIRT ROAD | OLD FORT WEAVER RD. (SPUR) | OLD FORT WEAVER RD. | BEGIN PAINTED MEDIAN | TELEM. STA. O71003 END DIVIDED HWY | BRIDGE | WEST ACCESS TO OLD FORT WEAVER RD. (L)

FARRINGTON HIGHWAY

57+80

Indicates Grass & / or Physical Barrier on Median.

0.01 MI. | 0.11 MI. | 0.14 MI. | 0.15 MI. | 0.22 MI. | 0.24 MI. | 0.28 MI. | 0.32 MI. | 0.37 MI. | 0.47 MI. | 0.60 MI.

END ROUTE 7110 ON FARRINGTON HWY AT THE W. E.P. OF ACCESS RD. TO OLD FORT WEAVER RD. 0.60 MI.

SCALE: (In Miles) 20" = 1 mile

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

Divided Highway – Undivided

Shoulder: Width and Type

10' AC | 8'–10' DIRT (0.43) | 6'–10' GRASS

Pavement: Width and Type

24' AC (0.23) | 12' AC | 24' AC

Shoulder: Width and Type

4'–6' AC (0.21) | 0 | 8'–10' DIRT (0.45) | 4'–6' DIRT

Divided Highway

Median: Width and Type

2'–8' FLUSH AC MEDIAN W/ CONC. CURB (0.11) | 10'–12' RAISED GRASS MEDIAN W/ CONC. CURB (0.22) | 10'–12' FLUSH GRASS MEDIAN (0.26) | 10'–12' RAISED GRS MED. W/ CONC. CURB (0.32) | 0'–12' PAINTED AC MEDIAN (0.37)

Median Barriers:

Shoulder: Width and Type

4'–6' AC (0.23) | 0

Pavement: Width and Type

24' AC (0.20) | 12' AC

Shoulder: Width and Type

10' AC

Number of Traffic Lanes

4–12' | 2–12' (L) 1–12' (R) (0.23) | 2–12'

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

12' T.L. (0.09) | DECEL. (0.15–0.19)

(Right Side)

12' T.L. (0.11) | ACCEL. (0.14–0.18) | 12' T.L. (0.20–0.28)

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)

C. CURB (0.24–0.27)

Protective Devices: Type, Location and Number

WOOD ON CONCRETE (0.45–0.55)

Illumination: Type, Location and Number

18 MV (0.03–0.38)

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

URBANIZED–LARGE (39889)

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

FLAT (1) (0.37) ROLLING (2)

Speed: 1–Design, 2–Posted

35 MPH (2) (0.20) 45 MPH (2) 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

TRAFFIC LIGHT (L) TURN ONLY (0.11)

Traffic Stations (Current Year)

B72 7110 00000	B72 7110 00015	B72 7110 00023	B72 7110 00037
HPMS Sections AADT 2011	8,500	15,193	8,933	6,900
HPMS Sections AADT 2010	26,200	15,044	8,846	8,846
HPMS Sections AADT 2009	16,600	14,895	8,758	8,758

(0.15 | 0.23 | 0.37 | 0.60)

DOD Sections

Census Tracts

Functional Classification

MINOR ARTERIAL (4)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 20" = 1 mile

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

Date Released	
MAY 05	D.B.
Revised	
6/06	D.B.
3/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

OAHU RTE 7141
IROQUOIS ROAD

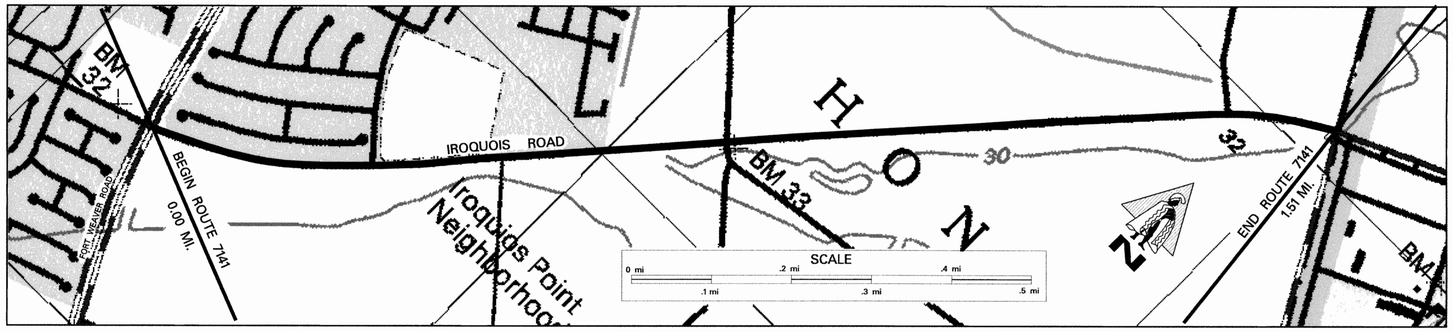
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 1.51 miles
a. Survey Length: 1.51 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

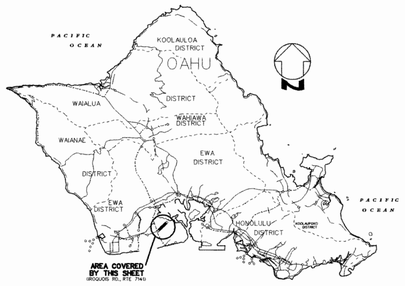
*



SCALE: (In Miles) 10" = 1 mile

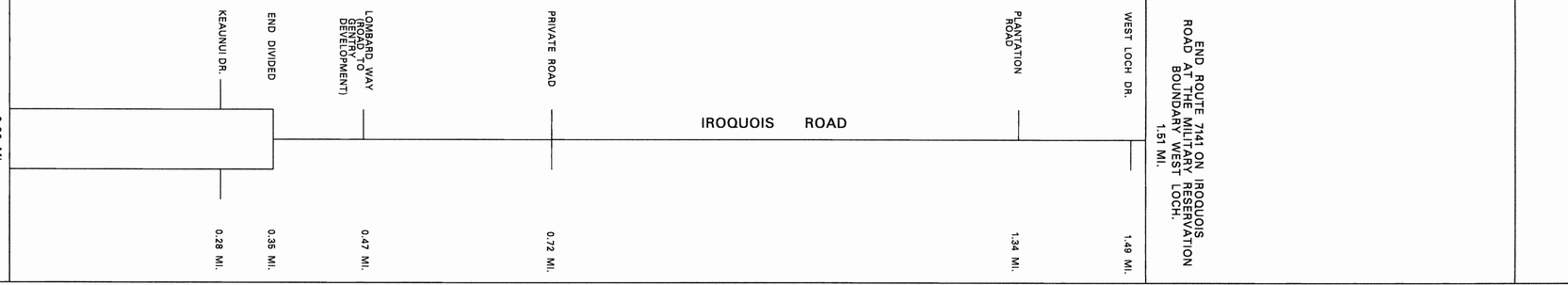
0.0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00

Maintenance Control Sections : Length and Description	BEGIN 7141 A 20' E. OF EAST E.P. OF FORT WEAVER ROAD — 7141 A (1.51 MI.) — END 7141 A ON IROQUOIS RD. AT MILITARY RES. BDRY. W. LOCH.
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)	CLR. 1000' SUGAR CANE 20'–30' FROM 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	
Project No., Type of Construction, and Year Constructed	(DANR 3(1), 1943) — 0.04 — 7141 A–01–88M (R) 1988 — 1.49 — (DANR 3(1), 1943)



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 10" = 1 mile

0.0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00

Divided Highway — Undivided — Shoulder: Width and Type	0' — 4' AC
Pavement: Width and Type	26' AC — 22' AC
Shoulder: Width and Type	0' — 4' AC
Median: Width and Type	10' PAINTED AC
Median Barriers:	0.35
Shoulder: Width and Type	0'
Pavement: Width and Type	26' AC
Shoulder: Width and Type	0'
Number of Traffic Lanes	4–13' — 2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	0.05 — 12' T.L.s.
(Right Side)	0.18 — 0.28
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)	
Grades: % Grade, Positive or Negative	
HOV Lanes/Contra–Flow Lanes	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	URBANIZED–LARGE (39889)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	0.11 — FLAT (1) — 1.34
Speed: 1–Design, 2–Posted	25 MPH (2) / 35 MPH (2) / NOT POSTED / 45 MPH (2) — 0.26 — 45 MPH (2) — 1.24 — NOT POSTED / 35 MPH (2) / 25 MPH (2) — 1.40
Intersection Control Devices: Type, Location and Cycle Timing	TRAFFIC LIGHT 0.07
Traffic Stations (Current Year)	B72 7141 00000 — B72 7141 00035 — B72 7141 00047
HPMS Sections – AADT 2011	10,500 — 6,700 — 5,200
HPMS Sections – AADT 2010	10,100 — 5,800 — 0.47 — 4,171
HPMS Sections – AADT 2009	10,600 — 0.35 — 8,100 — 4,130 — 1.51
DOD Sections	DOD 405
Census Tracts	CT 84
Functional Classification	MAJOR COLLECTOR (5)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	

SCALE: (In Miles) 10" = 1 mile

0.0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00

Date Released
MAY 05, D.B.

Revised	
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

OAHU RTE 7239
ULUNE STREET, HALAWA VALLEY ROAD

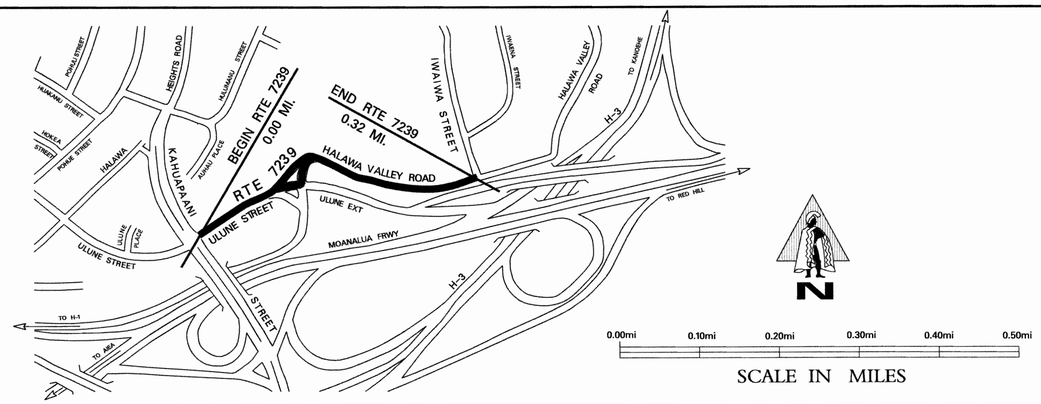
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	0.32	MILES (a+b)
a. Existing Length:	0.32	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	0.32	MILES (a+b, less c)
a. Existing Length:	0.32	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) 20" = 1 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description

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 — Chain Link Fence (L) 0.23

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

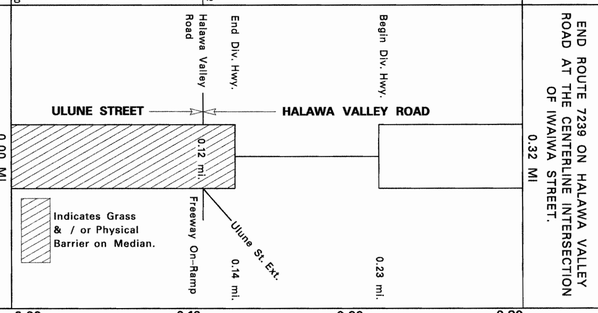
Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — State

Project No., Type of Construction, and Year Constructed — 35+65 to 41+80

Project No., Type of Construction, and Year Constructed — 0.00 to 0.12: HWY-O-06-03M, REHAB., 2006

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 20" = 1 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Divided Highway — Undivided

Shoulder: Width and Type		2' AC 0.18	0
Pavement: Width and Type	*(Includes Turning Lanes)	38' AC * 0.07 / 26' AC	38' AC * / 28' AC *
Shoulder: Width and Type		2' AC (2' Conc. Gutter)	0 / 0
Median: Width and Type		4' Raised AC w/ Conc. Curb 0.12 / 0.14 (13' Raised Conc.) 0.23	8' Painted AC
Shoulder: Width and Type		2' AC	0
Pavement: Width and Type	*(Includes Turning Lanes)	24' AC * 0.07 / 16' AC / 12' AC	14' AC 0.28 / 26' AC *
Shoulder: Width and Type		2' AC	0

Number of Traffic Lanes — 2–13' | 1–13' 0.07 1–16' | 1–13.5' 1–12' | 2–14'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 12' (L) TL | 12.5' (L) TL 0.12 | 14' (L) TL 0.23

(Right Side) — 11' (R) TL 0.07 | 12' (L) TL 0.26

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

Sidewalk: Width and Type (Right and Left) — 6' Conc. S.W. 0.17 0.18

Curb and/or Gutter: Type (Right and Left) — None | 6' Conc. S.W. 7' Conc. Gutter 0.04 0.05 0.14 1' Conc. Gutter

Protective Devices: Type, Location and Number — M/M M/M | Conc. Retaining Wall 0.24

Illumination: Type, Location and Number — HPS

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — URBANIZED–LARGE (39889) (Commercial (L), Freeway (R))

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — Rolling (2) 0.25

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

Intersection Control Devices: Type, Location and Cycle Timing — 0.00 3 Phase | 0.12 3 Phase

Traffic Stations (Current Year) — B72 7239 00000 | B72 7239 00012 | B72 7239 00023

HPMS Sections – AADT 2011 — 27,900 | 14,100 | 14,544

HPMS Sections – AADT 2010 — 35,000 | 16,468 0.23 | 14,400

HPMS Sections – AADT 2009 — 27,500 0.12 | 16,305 | 14,000 0.32

DOD Sections

Census Tracts

Functional Classification — Major Collector (5)

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

Previous Projects: Project No., Date and Limits

HPMS

SCALE: (In Miles) 20" = 1 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Date Released
Aug 2002, DB

Revised	
Apr. 04	*D.B.*
6/06	*D.B.*
3/07	*D.B.*
9/10	*D.B.*
1/11	*D.B.*
2/12	*D.B.*
9/12	*D.B.*

ROAD INVENTORY

OAHU RTE 7241

KAHUAPAANI ST., HALAWA HEIGHTS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

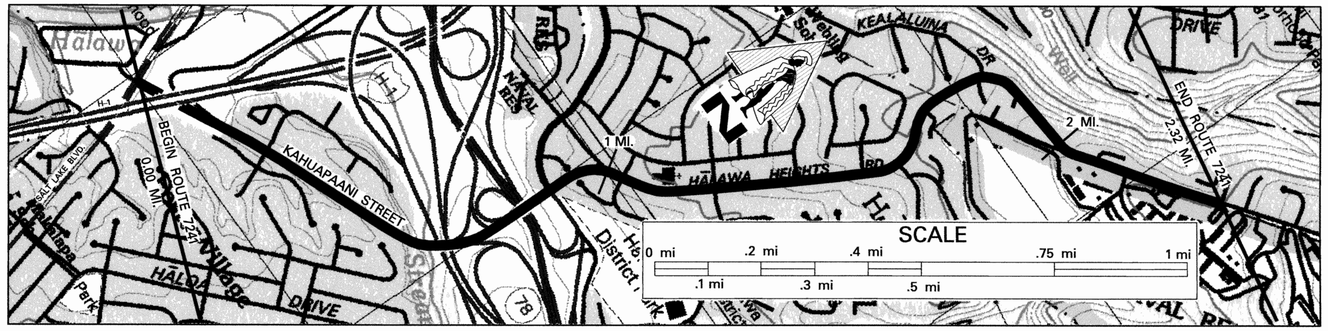
Total Route Length: 2.32 miles

a. Survey Length: 2.32 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 7241-A ON HALAWA HTS. RD. @ THE S.E.EDGE OF PAVEMENT OF SALT LAKE BLVD. — 7241-A (2.31 MI.) — END 7241-A ON HALAWA HTS. RD. AT THE MAINT. CONTROL MARKER APPROX. 0.01 MI. PAST #3 GATE TO CAMP SMITH

Structure Carrying Road

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

PRESTRESSED 1849', 1975, HS-20 (0.08) | CONC. GIRDER, 430', 1975, HS-20 (0.89) | CONC. GIRDER, 244', 1971, HS 20-44 (0.79) | RC DECK GIRDER 38' 1952, HS 20-S16 (1.71)

Vertical Clearance

116' | 100' | 26'

Horizontal Clearance

18' 4"

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

ESTIMATED 150'+ (0.87) | 60'-100'

Available Right of Way Width (Needs Study)

CLEAR 1000', GRASS & BUSH 20' FROM PAVEMENT (0.88) | RESIDENTIAL AREA (0.91)

Right of Way Fence: Type - Right and Left

(CHAINLINK 20' FROM E.P.) (0.88) | (STONEWALL 20' F.P.) (0.93) | (1.88) CHAINLINK 20' FROM E.P.

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

NONE

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

22+31 (0.79) | STATE | 192+88 (2.32)

Project No., Type of Construction, and Year Constructed

HWY-0-06M, REHAB., 2006

Project No., Type of Construction, and Year Constructed

STP-7241(1), RESURFACE, 1995 (0.80) | (I-H1-1(87):13, 1972) (0.84) | 7241A-01-88M, (R), 1988

Indicates Grass & / or Physical Barrier on Median.

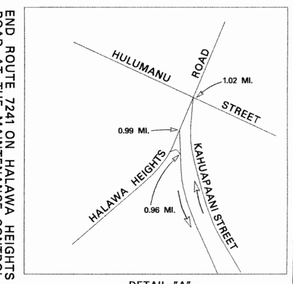
Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 7241 ON KAHUAPAANI ST. AT THE NORTHEAST EDGE OF PAVEMENT OF SALT LAKE BLVD. 0.00 MI.

H1 OVERPASS 0.06 MI. | RAMP TO STADIUM 0.19 MI. | MANANAI PL. 0.27 MI. ALA ALI ST. | STRUCTURE #11 0.59 MI. | RAMP TO H-201 0.69 MI. | STRUCTURE #10 RAMP TO RTE H-201 RAMPS FROM H-201 0.76 MI. 0.74 MI. | ULUNE ST. (L) ULUNE EXT. (R) 0.88 MI. 0.86 MI. | HULUMANU ST. END DIVIDED HWY HALAWA HTS. ROAD 1.02 MI. 0.98 MI. (SEE DETAIL "A") | IWAIWA ST. 1.20 MI. | ALIPOE DR. 1.36 MI. | KAHOLI PL. 1.43 MI. | HALAWA DR. 1.55 MI. | KA' AKAU PL. 1.67 MI. | HALAWA O.P. 1.71 MI. | MIKIOI PL. 1.78 MI. | KEALALUINA DR. 1.79 MI. | BEGIN PU'UMAKANI ST. DIVIDED HWY 1.96 MI. | END DIVIDED HWY 2.00 MI. | CAMP SMITH (CLOSED) 2.13 MI. 2.12 MI. | CAMP SMITH (GATE #3) 2.24 MI. | FERNRIDGE PL. 2.31 MI. | END ROUTE 7241 ON HALAWA HEIGHTS ROAD AT THE MAINTENANCE CONTROL MARKER APPROX. 0.01 MI. PAST CAMP SMITH GATE #3. 2.32 MI.

KAHUAPAANI ST. — HALAWA HEIGHTS ROAD



DETAIL "A"

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

10' AC (0.59) | 6' AC (0.69) | 8' AC (0.77) | NONE (0.97) | 2'-6' AC (1.42) | 4' AC (1.54) (2'-6' GRS.) (1.93) | 0' (2.07) | 8" AC | 3' AC (2.31) (0')

Pavement: Width and Type

24' AC (0.19) | 36' AC (0.27) | 48' AC (0.48) | 36' AC | 36' CONC. | 36' AC (0.88) | 24' AC | 2" AC | 36' AC (1.46) | 24' AC | 11" AC (2.00) | 22' AC | 24' AC

Shoulder: Width and Type

NONE | NONE | 2'-6" AC (1.87) | 12' GRASS | NONE | 3' AC

Median: Width and Type

23' CONC. RAISED (0.02) | 23' RAISED DIRT (0.28) | 5' RAISED CONC. (0.35) | 14' RAISED DIRT | 0'-20' RAISED CONCRETE (1.01) | 4' RAISED GRASS (1.96) (2.12)

Median Barriers:

Shoulder: Width and Type

NONE | NONE

Pavement: Width and Type

24' AC (0.59) | 36' CONC. (0.69) | 24' AC (0.89) | (12 AC) | 22' AC | 11' AC (2.09)

Shoulder: Width and Type

10' AC | 6' CONC. | 10' AC (0.77) | NONE | 2'-6" GRS. (2.07) | 0'

Number of Traffic Lanes

2-12' (0.19) | 3-12' (0.27) | 4-12' (0.46) | 3-12' (0.88) | 2-12' (0.97) | 1-12' | (1-12') | 2-18' (1.46) | 2-12' (1.93) | 1-11' (2.00) | 2-11' | 2.09 | (1-11') | 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ALL TURN LANES ARE 12'

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

0.16 6' SIDEWALK 0.30 4' CONC. SIDEWALK | 6' SIDEWALK 0.16 4' CONC. SIDEWALK | (2'-4' A.C. S.W.) 1.46 1.55 | 2'-4' A.C. S.W. 1.87

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

CONCRETE CURB & 2' CONCRETE GUTTER | CONCRETE CURB & 2' CONCRETE GUTTER | (4' CONC. GUTTER) | CONC. CURB | CONC. CURB

Protective Devices: Type, Location and Number A = METAL ON METAL, B = WOOD ON CONC.

A 0.08 | A 0.23 | A 0.66 | A 0.77 | 0.85 | A 0.96 | A 0.79 | 0.84 | A 0.86 | 0.93 | A 0.95 | A 1.46 | 1.48 | A 1.68 | B 1.73 | A 1.81 | B 1.82 | A 1.94 | A 2.01 | 2.07 | A

Illumination: Type, Location and Number

HPS 0.85 | MV 1.02 | 2.31

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

URBANIZED-LARGE (39889)

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

FLAT (1) 0.74 | 0.89 MOUNTAINOUS (3)

Speed: 1-Design, 2-Posted

35 MPH (2) | 25 MPH (2) (0.81) | 30 MPH (2) | 25 MPH (2) (35 MPH (2)) | 30 MPH (2) 1.16 | 30 MPH (2) 1.83 | 25 MPH (2) 2.16 | NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing

3 PHASE TRAFFIC SIGNALS 0.27 | T.L. 0.74 | T.L. 0.87 | 0.94

Traffic Stations (Current Year)

B72 7241 00000 | B72 7241 00019 | B72 7241 00027 | B72 7241 00046 | B72 7241 00076 | B72 7241 00088 | B72 7241 00099 | B72 7241 00196 | B72 7241 00212

HPMS Sections - AADT 2011

24,900 | 23,302 | 23,400 | 16,200 | 32,500 | 15,600 | 8,500 | 6,100 | 1,600

HPMS Sections - AADT 2010

23,600 (0.19) | 23,073 | 24,400 | 18,908 (0.76) | 30,189 | 13,200 (0.99) | 7,420 (1.98) | 6,098 | 1,600 (2.32)

HPMS Sections - AADT 2009

24,600 | 22,845 (0.27) | 22,000 (0.46) | 18,721 | 29,890 (0.88) | 11,400 | 7,347 | 6,038 (2.12) | 1,500

DOD 455 (0.88) | DOD 460

DOD Sections

Census Tracts

Functional Classification

MINOR ARTERIAL (4) 0.88 | MAJOR COLLECTOR (5)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

I-H1-1(96):13, (CONST.), 1982
I-H1-1(115):13, 1975
I-H1-1(115):13, 1974
0.57 | 0.59 | 0.69 | I-H1-1(87):13, 1972 | 1.02
32+83 (I-H1-1(90):13, 1972) | 37+80 | 10+00 | 124+43

7108-01-75M, (R), 1975
DANR(1), 1942
193+00

SCALE: (In Miles) 4" = 1 mile

Date Released
MAY 05, D.B.

Revised	
5/06	G.N.
3/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

OAHU RTE 7310
PUULOA

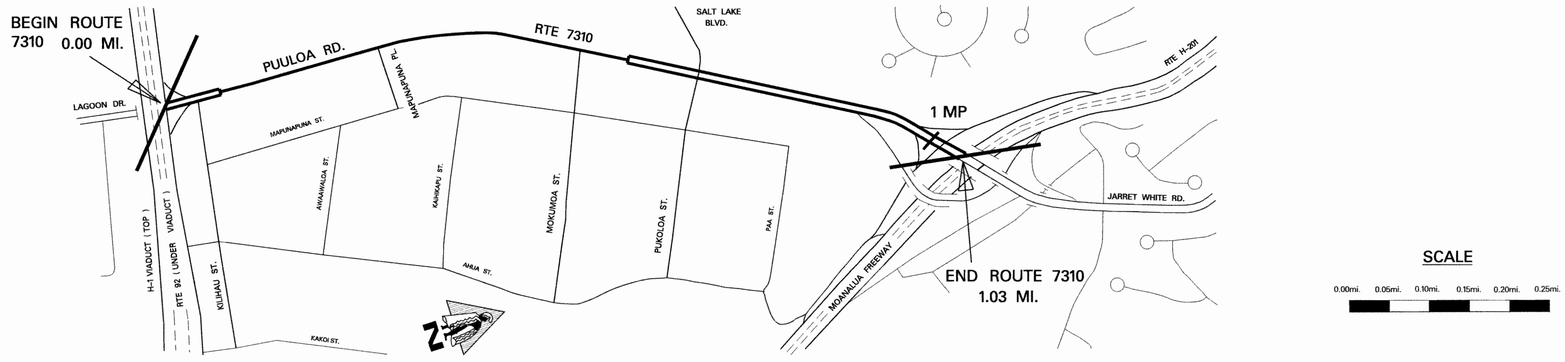
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 1.03 miles
a. Survey Length: 1.03 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*


BEGIN ROUTE 7310 0.00 MI.
PUULOA RD.
RTE 7310
SALT LAKE BLVD.
LAGOON DR.
MAPUNAPUNA PL.
MAPUNAPUNA ST.
KAMEHAMEHA HWY. (RTE 92)
KAMEHAMEHA HWY. (RTE 92)
KAMEHAMEHA HWY. (RTE 92)

ROAD INVENTORY
OAHU ROUTE 7345
JARRETT WHITE ROAD

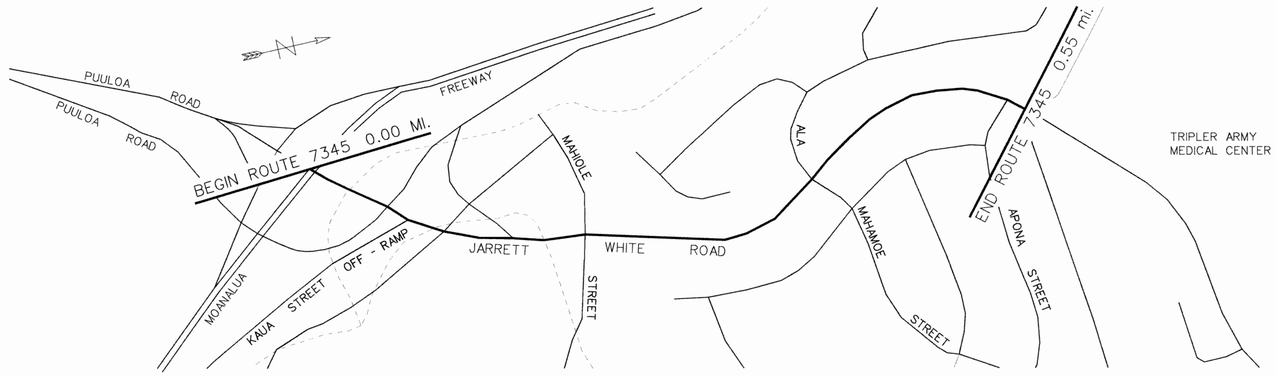
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 0.55 MILES (a+b)
- a. Existing Length: 0.55 MILES
- b. Proposed Length: NONE MILES

Total Travel Way Length: 0.55 MILES (a+b, less c)
- a. Existing Length: 0.55 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" = 0.10 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description
- 7310 A (0.11 MI.) | 0.11

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

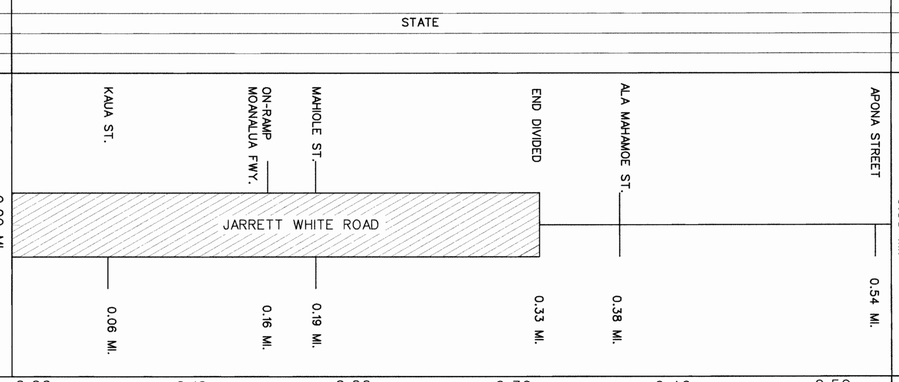
Project No. and Type of Construction

Year Project Constructed

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

• MP-Milepost Signage



SCALE: (In Miles) 2" = 0.10 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Divided Highway — Undivided
- Shoulder: Width and Type
  - 12' AC | 0.19 | 6' AC | 0.38 | 5' AC
- Pavement: Width and Type
  - 24' AC | 48' AC | 0.42 | 36' AC
- Shoulder: Width and Type
  - 0 | 6' AC | CURB

Divided Highway
- Median: Width and Type
  - 14' (CONC.) RAISED 2' CONC. GUTTER Ⓛ & Ⓡ CONC. CURB Ⓛ & Ⓡ | 0.19 | 14' (CONC./AC) RAISED 2' CONC. GUTTER Ⓛ & Ⓡ CONC. CURB Ⓛ & Ⓡ | 0.33
- Shoulder: Width and Type
  - 0
- Pavement: Width and Type
  - 24' AC
- Shoulder: Width and Type
  - 10' AC | 0.19 | 6' AC

Number of Traffic Lanes
- 4 LANES | 0.42 | 3 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)
- 4' CONC. Ⓛ ONLY | 0.19 | 4' CONC. Ⓛ & Ⓡ | 0.38 | 4' CONC. Ⓡ ONLY

Curb and/or Gutter: Type (Right and Left)
- 2' CONC. GUTTER
- 2' CONC. GUTTER | 0.33

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:
- URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing
- 0.38 2 PHASE

Traffic Stations (Current Year)
- B72 7345 00000 | B72 7345 00033 | B72 7345 00042

HPMS Sections - AADT 2011
- 30,100 | 20,400 | 15,400

HPMS Sections - AADT 2010
- 28,300 | 0.33 | 19,100 | 0.42 | 15,000

HPMS Sections - AADT 2009
- 26,600 | 24,500 | 13,200 | 0.55

DOD Sections

Census Tracts

Functional Classification
- MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 0.10 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Date Released	
Sept 1993	
Revised	
Sept 93	PJ
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY

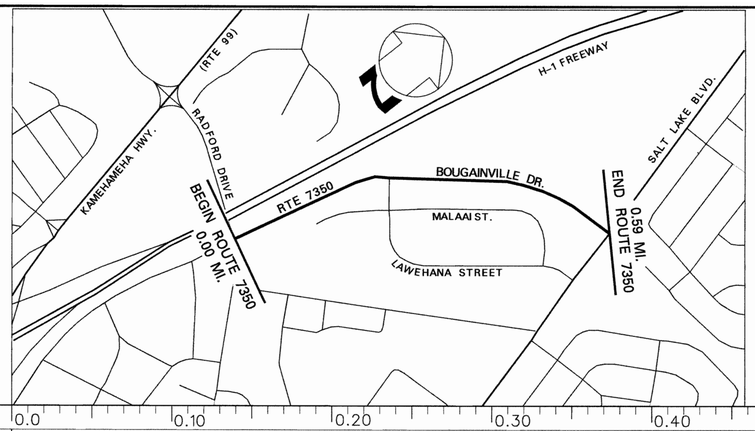
OAHU RTE 7350
BOUGAINVILLE DRIVE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 0.59 MILES (a+b)
a. Existing Length: 0.59 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 0.59 MILES (a+b, less c)
a. Existing Length: 0.59 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" = 0.1 mile

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

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

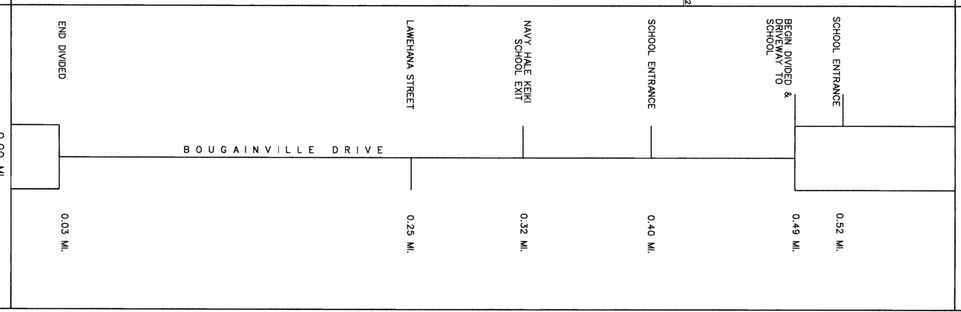
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
STATE

Project No. and Type of Construction
STP-0300(32)

Year Project Constructed
1995

Road Diagram

• MP-Milepost Signage



SCALE: (In Miles) 2" = 0.1 mile

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

Divided Highway — Undivided
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 20' | 40' | 20'
- Shoulder: Width and Type: 0' | 0' | 0'
- Median: Width and Type: 3' PAINTED AC (0.03) | (0.49) 10' PAINTED AC
- Shoulder: Width and Type: 0' | 0'
- Pavement: Width and Type: 20' | 20'
- Shoulder: Width and Type: 0' | 0'

Number of Traffic Lanes: 4-10'

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

(Right Side): (0.52) 10' AC T.L.

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

Sidewalk: Width and Type (Right and Left): 4' CONCRETE SIDEWALK | 4' CONCRETE SIDEWALK

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

Protective Devices: Type, Location and Number: 2' CONCRETE GUTTER | 2' CONCRETE GUTTER

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: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing: (0.25) 2 PHASE

Traffic Stations (Current Year): B72 7350 00000

HPMS Sections - AADT 2011: 14,600

HPMS Sections - AADT 2010: 13,100

HPMS Sections - AADT 2009: 13,300 (0.59)

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 0.1 mile

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

Date Released	
Aug 95	
Revised	
pt.	aug 95
G.N.	5/06
D.B.	9/10
D.B.	1/11
D.B.	2/12
D.B.	9/12

ROAD INVENTORY

OAHU RTE 7351
RADFORD DRIVE

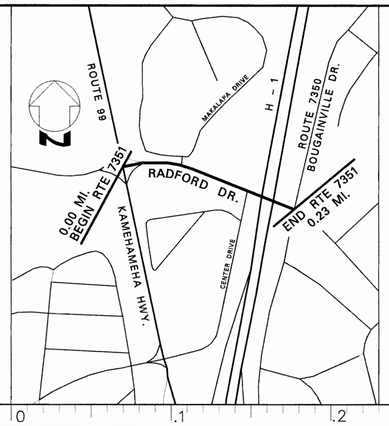
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 0.23 MILES (a+b)
- a. Existing Length: 0.23 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 0.23 MILES (a+b, less c)
- a. Existing Length: 0.23 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" = 0.1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

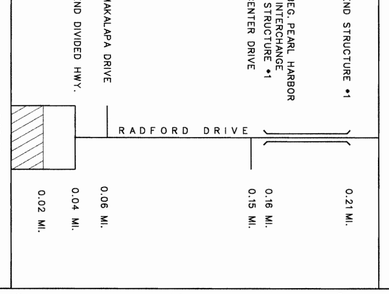
Project No. and Type of Construction: STP-0300(32)

Year Project Constructed: 1995

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

• MP-Milepost Signage



SCALE: (In Miles) 2" = 0.1 mile

Divided Highway
- Undivided
  - Shoulder: Width and Type
  - Pavement: Width and Type: 24' AC | 48' AC | 24' AC
  - Shoulder: Width and Type
- Median: Width and Type: (12' RAISED DIRT) | (0'-12' PAINT)
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 24' AC
- Shoulder: Width and Type: 0'

Number of Traffic Lanes: 4-12' | 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' AC T.L.

(Right Side): 12' AC T.L. | 12' AC

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

Sidewalk: Width and Type (Right and Left): 6' CONCRETE SIDEWALK | 8' CONCRETE SIDEWALK

Curb and/or Gutter: Type (Right and Left): 2' CONCRETE GUTTER | 2' CONCRETE GUTTER

Protective Devices: Type, Location and Number: M/M GUARDRAILS | CONCRETE GUARDRAILS | CONCRETE GUARDRAILS

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: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B72 7351 00000 | (B72 7351 00020)

HPMS Sections - AADT 2011: 14,400 | 26,600

HPMS Sections - AADT 2010: 15,653 | 28,500

HPMS Sections - AADT 2009: 15,498 | 20,200

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 0.1 mile

Date Released
Sept 1994

Revised	
Oct 95	p. t.
Aug 04	D.B.
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

ROAD INVENTORY
OAHU RTE 7401
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

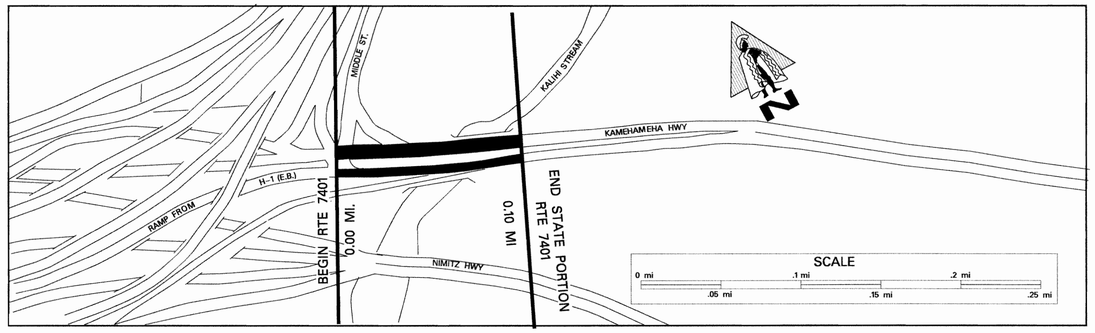
Total Route Length: 0.10 miles

a. Survey Length: 0.10 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

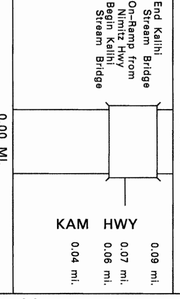
*



		SCALE: (In Miles) 20" = 1 mile	0.0 … 0.10 … 0.20 … 0.30 … 0.40 … 0.50 … 0.60 … 0.70 … 0.80 … 0.90 … 1.00
		Maintenance Control Sections : Length and Description	
Structure Carrying Road		Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
		Vertical Clearance	
		Horizontal Clearance	
Structure Over Road		Vertical Clearance	
		Horizontal Clearance	
		Right of Way Width (min.–max.) if varies	
		Available Right of Way Width (Needs Study)	
		Right of Way Fence: Type – Right and Left	
		Control of Access: 1–None, 2–Partial, 3–Full	2–Partial
		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	

Road Diagram

* MP = Milepost Signage



		SCALE: (In Miles) 20" = 1 mile	0.0 … 0.10 … 0.20 … 0.30 … 0.40 … 0.50 … 0.60 … 0.70 … 0.80 … 0.90 … 1.00
Divided Highway	Undivided	Shoulder: Width and Type	2' AC
		Pavement: Width and Type	48' AC
		Shoulder: Width and Type	1' AC
		Median: Width and Type	5'–12' Raised Conc.
		Shoulder: Width and Type	1' AC
		Pavement: Width and Type	24' AC
		Shoulder: Width and Type	2' AC
		Number of Traffic Lanes	4–12'
		Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	2–12' / 1–12' (R) T.L.
		(Right Side)	
		Frontage Road: No. of Lanes, and Width (Right and Left)	
		Sidewalk: Width and Type (Right and Left)	6' Conc.
		Curb and/or Gutter: Type (Right and Left)	Conc. Curb / Conc. Curb
		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:	Urbanized–Large (39889)
		Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (1)
		Speed: 1–Design, 2–Posted	
		Intersection Control Devices: Type, Location and Cycle Timing	3 Phase
		Traffic Stations (Current Year)	B72 7401 00000
		HPMS Sections – AADT 2010	0.00 … 43,800 … 0.10
		HPMS Sections – AADT 2009	35,683
		HPMS Sections – AADT 2008	35,330
		DOD Sections	
		Census Tracts	
		Functional Classification	Minor Arterial (4)
		National Highway System (NHS)	Not On NHS (0)
		Previous Projects: Project No., Date and Limits	

Date Released
Dec. 03, D.B.

Revised	
May 04	*D.B.*
6/06	*D.B.*
9/10	*D.B.*
1/11	*D.B.*
2/12	*D.B.*
9/12	*D.B.*

ROAD INVENTORY
OAHU RTE 7413
LILIHA STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

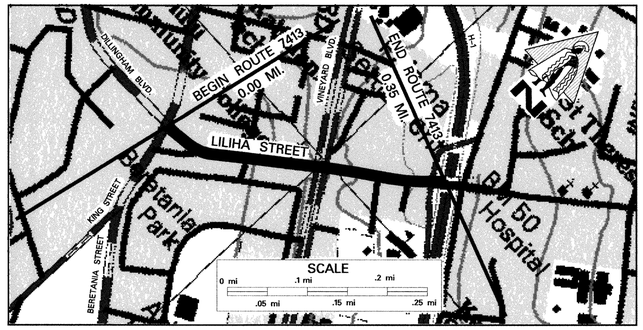
Total Route Length: 0.35 miles

a. Survey Length: 0.35 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

BEGIN 7413 A SAME AS BEGIN ROUTE | 7413 A (0.35 MI. LENGTH OF PORTION ON FAU 9700) | END 7413 A ON LILIHA STREET AT SOUTH E.P. OF SCHOOL STREET

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: ESTIMATED 70'–120'

Available Right of Way Width (Needs Study): RESIDENTIAL / COMMERCIAL

Right of Way Fence: Type – Right and Left: 0.01 TILE WALL 15' FROM EDGE OF PAVEMENT 0.15

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

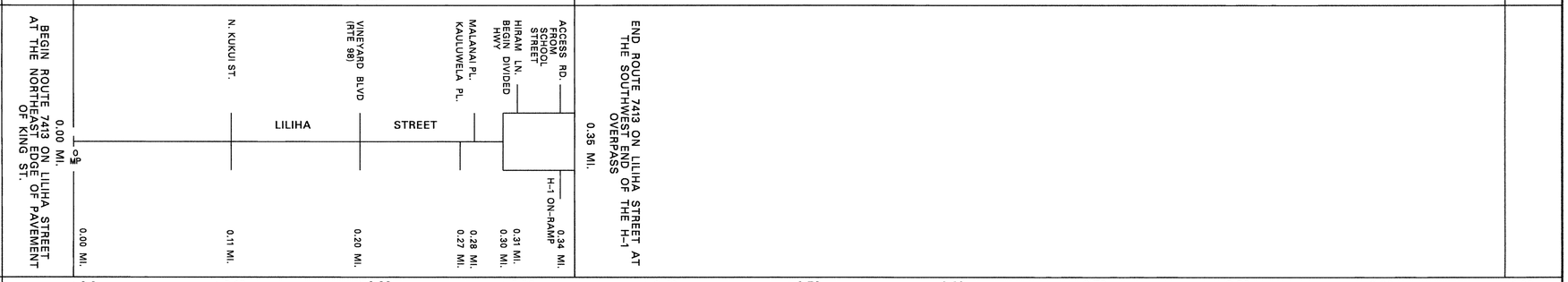
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed: STP–7413(1), 1995, RESURFACING

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 20" = 1 mile

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

Divided Highway – Undivided

Shoulder: Width and Type: NONE | 0

Pavement: Width and Type: 40' AC | 54' AC | 60' AC | 32' AC

Shoulder: Width and Type: NONE | 0

Divided Highway

Median: Width and Type | 0'–10' PAINTED AC

Median Barriers:

Shoulder: Width and Type | 0

Pavement: Width and Type | 34' AC

Shoulder: Width and Type | 0

Number of Traffic Lanes: 2–10' (L), 2–10' (R) | 1–10' (L), 1–16' (L), 1–10' (R), 1–18' (R) | (R) 1–12', 1–18' (L) 1–12', 1–18' | (R) 1–14', 1–20' (L) 1–14', 1–18'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–9' TL (L) | 10' TL (L) | 10' TL

(Right Side): 1–9' TL (L) | 9' TL (L) | 8' PARK | 10' TL

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

Sidewalk: Width and Type (Right and Left): 6'–8' CONC. SIDEWALK (L) & (R)

Curb and/or Gutter: Type (Right and Left): CONCRETE CURB (L) & (R)

Protective Devices: Type, Location and Number: NONE

Illumination: Type, Location and Number: MERCURY VAPOR

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:: URBANIZED–LARGE (39889)

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

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

Intersection Control Devices: Type, Location and Cycle Timing: TRAFFIC LIGHT | TRAFFIC LIGHT

Traffic Stations (Current Year): B72 7413 00000 | B72 7413 00020

HPMS Sections – AADT 2011: 18,700 | 25,457

HPMS Sections – AADT 2010: 21,300 | 25,208

HPMS Sections – AADT 2009: 20,000 | 24,958

DOD Sections: DOD 485 | DOD 490

Census Tracts: CT 54 | CT 53 | CT 55

Functional Classification: MINOR ARTERIAL (4)

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

Previous Projects: Project No., Date and Limits

9700B-01-83M, 1983, (R)
U-097-1(2), 1967 | F-090-1(2), 1963

HPMS

SCALE: (In Miles) 20" = 1 mile

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

Date Released	
MAY 05, D.B.	
Revised	
6/06	*D.B.*
9/10	*D.B.*
1/11	*D.B.*
2/12	*D.B.*
9/12	*D.B.*

ROAD INVENTORY

OAHU ROUTE 7414 & 74140 (County)
MIDDLE STREET & NOTLEY STREET

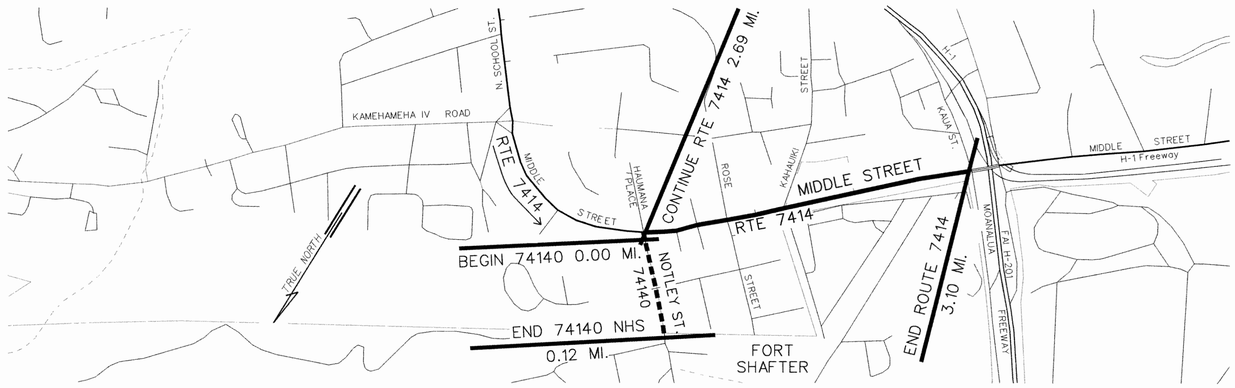
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

	7414	74140	
Total Designated Route Length:	0.41	0.12	MILES (a+b)
a. Existing Length:	0.41	0.12	MILES
b. Proposed Length:	0.00	0.00	MILES
Total Travel Way Length:	0.41	0.12	MILES (a+b, less c)
a. Existing Length:	0.41	0.12	MILES
b. Temporary Length:	0.00	0.00	MILES
c. Length used as T.W. for another Route:	0.00		MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 20" = 1 mile

| | | |

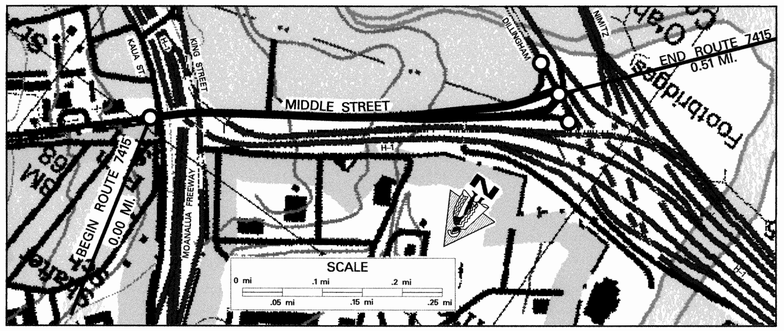
ROAD INVENTORY
OAHU RTE 7415
MIDDLE STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 0.51 miles
a. Survey Length: 0.51 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20″ = 1 mile

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

Maintenance Control Sections : Length and Description

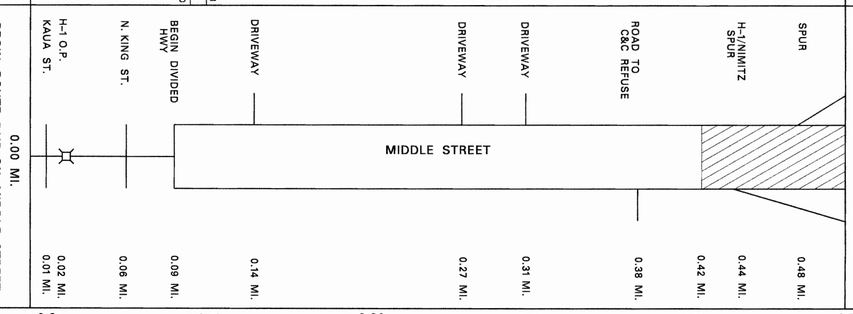
Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC BOX GDR. HS 20, 1964
- Vertical Clearance: 0.02
- Horizontal Clearance: 52′

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.–max.) if varies: 240′–420′
- Available Right of Way Width (Needs Study): RESIDENTIAL/COMMERCIAL
- Right of Way Fence: Type – Right and Left: 0.08 CL-6′ 0.28
- 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: (I-H1-1(131):17, 1982) 0.10 0.11
- Project No., Type of Construction, and Year Constructed: H1H-01-97M, (R), 1998

Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 20″ = 1 mile

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

Divided Highway – Undivided
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 48′ AC | 24′ AC
- Shoulder: Width and Type: 0 | 0

Divided Highway
- Median: Width and Type: 0–10′ PAINTED AC | 10′–60′ RAISED GRASS
- Median Barriers: 0.09 | 0.42
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 24′ AC
- Shoulder: Width and Type: 0

- Number of Traffic Lanes: 4–12′
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.27 1–10′ ACCELL; 0.38 1–12′ TL 0.41
- (Right Side): 0.11 1–12′ TL 0.28
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left): 0.44 10′ CONC. SIDEWALK
- Curb and/or Gutter: Type (Right and Left): 0.02 2′ CONC. 0.08; 0.77 10′ AC BIKEWAY/WALKWAY; 2′ CONC. (2′ CONC. C & G); 0.26 4′ CONC. GUTTER 0.40 2′ CONC. GUTTER; 2′ CONC. CURB & GUTTER
- Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL: 0.02 0.05 0.42 G.R. BARRIER ON MEDIAN
- Illumination: Type, Location and Number
- Curves: Degree of Curvature (Right and Left)
- Grades: % Grade, Positive or Negative
- HOV Lanes/Contra–Flow Lanes
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: URBANIZED–LARGE (39889)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1)
- Speed: 1–Design, 2–Posted: 30 MPH (2) | 0.26 NOT POSTED | 35 MPH (2) | 0.46 NOT POSTED
- Intersection Control Devices: Type, Location and Cycle Timing: 0.01 TRAFFIC SIGNALS 0.06; TRAFFIC SIGNAL 0.51
- Traffic Stations (Current Year): B72 7415 00000 | B72 7415 00009 | B72 7415 00042
- HPMS Sections – AADT 2011: 12,500 | 14,990 | 14,990
- HPMS Sections – AADT 2010: 13,200 | 14,843 | 14,843
- HPMS Sections – AADT 2009: 11,500 | 14,696 | 14,696
- DOD Sections: 0.09 0.42 0.51
- Census Tracts: 62.01 | 0.06 | 66 / 60
- Functional Classification: MINOR ARTERIAL (4)
- National Highway System (NHS): NOT ON NHS (0)
- Previous Projects: Project No., Date and Limits: 0.10 I-H1-1(131):17, 1982 | 0.41 I-IR-H1-1(169): 17, 1986

SCALE: (In Miles) 20″ = 1 mile

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

Date Released
MAY 05, DB
Revised
6/06 DB
9/10 DB
1/11 DB
2/12 DB
9/12 DB

ROAD INVENTORY
OAHU RTE 7601
OLD WAIALAE ROAD, KING STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

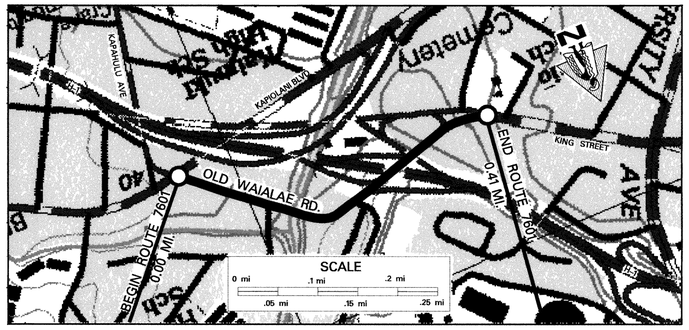
Total Route Length: 0.41 miles

a. Survey Length: 0.41 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

BEGIN 7601A SAME AS BEGIN ROUTE | 7601 A (0.41 MI.) | END 6601A SAME AS END ROUTE

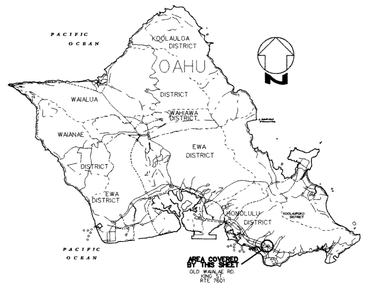
Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

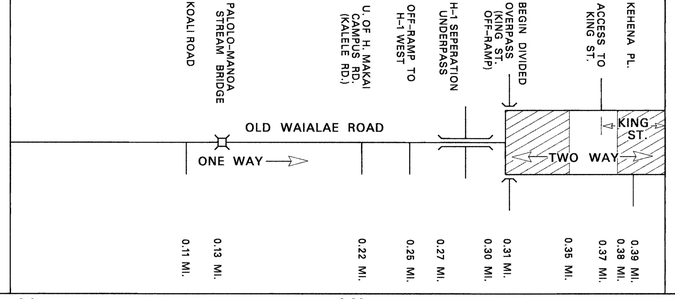
- Right of Way Width (min.–max.) if varies
- Available Right of Way Width (Needs Study)
- Right of Way Fence: Type – Right and Left
- Control of Access: 1–None, 2–Partial, 3–Full: NONE
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
- Project No., Type of Construction, and Year Constructed
- Project No., Type of Construction, and Year Constructed: STP-0300(30), (RESURFACING), 1995



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 20" = 1 mile

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

Divided Highway

Undivided

- Shoulder: Width and Type: 0 | 0.20 6' AC PAINTED 0.26 | 0
- Pavement: Width and Type: 36' AC | 0.25 12' AC | 12' AC | 0.38 24' AC
- Shoulder: Width and Type: 0 | 0

Divided

- Median: Width and Type: 2'-10' AC ROLL (FLUSH) | 0.35 2' AC (PAINT) 0.38 | 2'-8' CONC. (RAISED)
- Median Barriers: 0.31
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 24' AC/PCC | 0.37 24' AC
- Shoulder: Width and Type: 0

- Number of Traffic Lanes: 3–12' | 0.25 1–12' | 1–12' 0.38 2–12' | 2–12'
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.37 0.35 1'
- (Right Side): 0.03 0.06 (20' AC BUS LANE) | 1–12' T.L. 0.35
- Frontage Road: No. of Lanes, and Width (Right and Left): 0.31 0.35 0.38
- Sidewalk: Width and Type (Right and Left): 6' CONC. S.W. (L)(R) | 0.05 6' AC S.W. (L)(R) 0.26 | 6' CONC. S.W. (L)(R) | 6' AC 6' CONC. 6' AC
- Curb and/or Gutter: Type (Right and Left): 1' CONC. C&G (L)(R) | 1' AC CURB & GUTTER (L)(R) | 1' CONC. C&G | CONC. CURB 1' AC C&G | 1' AC C&G
- Protective Devices: Type, Location and Number: 0.22 0.06 (CONC. BARRIER) (M/M GUARDRAIL) | 0.08 0.13 (CONC. HEADWALLS) 0.16 | 0.18 M/M GUARDRAIL 0.32 | (1' CONC. C&G)
- Illumination: Type, Location and Number: 17 MERCURY VAPOR
- Curves: Degree of Curvature (Right and Left)
- Grades: % Grade, Positive or Negative
- HOV Lanes/Contra-Flow Lanes
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: URBANIZED–LARGE (39889)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1)
- Speed: 1–Design, 2–Posted: 25 MPH (2) | 0.37 SCHOOL ZONE 25 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing: 0.00 TRAFFIC LIGHT
- Traffic Stations (Current Year): B72 7601 00000 | B72 7601 00025 | B72 7601 00031 | B72 7601 00038
- HPMS Sections – AADT 2011: 21,900 | 19,700 | 24,227 | 29,700
- HPMS Sections – AADT 2010: 22,100 | 0.31 20,600 | 23,990 | 0.38 44,926 | 0.41
- HPMS Sections – AADT 2009: 22,200 | 0.25 20,800 | 23,752 | 44,481
- DOD Sections
- Census Tracts
- Functional Classification: PRINCIPAL ARTERIAL (3)
- National Highway System (NHS): NOT ON NHS (0)
- Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 20" = 1 mile

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

Date Released
MAY 05, D.B.
Revised
6/06 D.B.
9/10 D.B.
1/11 D.B.
2/12 D.B.
9/12 D.B.

ROAD INVENTORY

OAHU RTE 8930
KUALAKA'I PARKWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

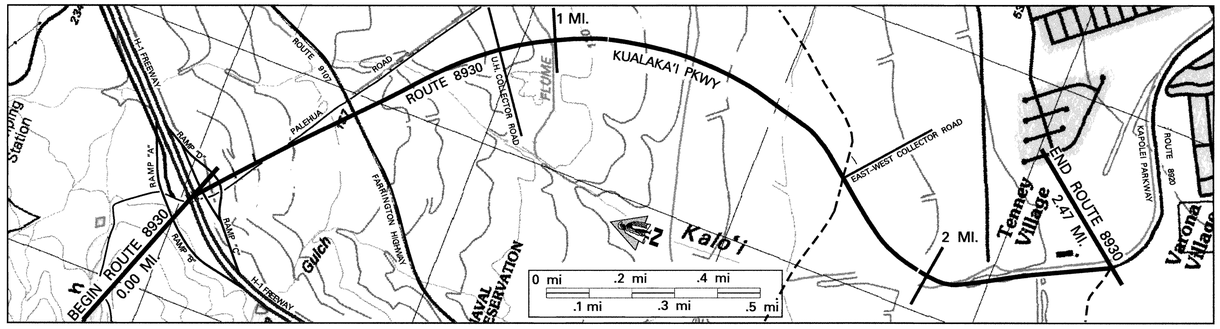
Total Route Length: 2.47 miles

a. Survey Length: 2.47 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

* New Construction



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
56' PRE-STRESSED CONCRETE I-BEAM GIRDER, HL-95, 2008

Vertical Clearance

Horizontal Clearance
96' | 4 CELL CONC. BOX CULVERT

Structure Over Road

Vertical Clearance
98'

Horizontal Clearance
165'

Right of Way Width (min.–max.) if varies
300' | 300'–230' | 230' | 210' | 210'–355'

Available Right of Way Width (Needs Study)
0.43 | 0.53 | 0.68 | 2.18 | 2.25 | 2.39

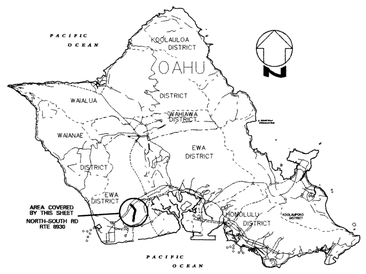
Right of Way Fence: Type – Right and Left
(FENCE 145' F.P.) | (FENCE 145'–80' F.P.) | FENCE 80' F.P. | (FENCE 55' F.P.)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
107+80 | STATE | 0+00

Project No., Type of Construction, and Year Constructed
STP-8930(4) PHASE 1-C | STP-8930(2) PHASE 1-B, 2010 | 26+50

Project No., Type of Construction, and Year Constructed
ROADWAY CONSTRUCTION, 2009 | 0.43 | 1.13 | 71+00 | STP-8930(1), PHASE 1A, NEW ROADWAY, 2007 | 1.97



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 8930 ON KUALAKA'I PKWY AT THE CENTERLINE OF H-1 FREEWAY. (STATION 130+55)

NORTH BRIDGE O.P. | SOUTH BRIDGE O.P. | RAMP SPURS RAMP "D" (R) RAMP "C" (R) | FARM ACCESS ROAD | FARRINGTON HIGHWAY | U.H. COLLECTOR ROAD | KUALAKA'I PARKWAY | EAST-WEST COLLECTOR ROAD | CULVERT | ROUTE 8930

2 MP | 1.5 MP | 1 MP | 0.5 MP

88+13 | 39+17

0.01 Mi. | 0.09 Mi. | 0.24 Mi. | 0.43 Mi. | 0.47 Mi. | 0.80 Mi. | 0.97 Mi. | 1.47 Mi. | 1.73 Mi. | 1.87 Mi. | 1.97 Mi.

0.06 Mi.

COMPLETED IN SERVICE : OCT. 5, 2009

IN SERVICE: FEB 11, 2010

END ROUTE 8930 AT CENTERLINE OF INTERSECTION OF KUALAKA'I PKWY AND KAPOLEI PARKWAY. (STATION 0+00) 2.47 Mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type
14' PCC | 10' PCC | 0 | 8' PCC

Pavement: Width and Type
24' PCC | 36' PCC | 24' PCC

Shoulder: Width and Type
SHOULDER: 0' | 2' PCC SHLDR. | 2'-10" PCC | 2' PCC SHLDR. | 0'
CURB & GUTTER: 2' CONC. C & G
0 | 2.5' PCC | 14' PCC | 6'–8' AC / 14'–12' PCC | 6' AC/14' PCC | 2.5' PCC | 12'–14' PCC (2' CONC. C & G.)

Divided Highway

Median: Width and Type
6" PCC (Raised) | 6'–24' RAISED GRASS | 6' RAISED PCC | 6'-24' RAISED GRASS | 6' RAISED PCC | 16'-41' RAISED GRASS | 51' GRASS | 33.5' GRASS | 39.5' GRASS | 33.5' GRASS | 33.5' GRASS | 51' GRASS | 51'-6' GRASS | 6' RAISED PCC

Median Barriers:
(0'–2' PCC) | (4'-19.42' PCC)

Shoulder: Width and Type
CURB & GUTTER SHOULDER: 2' CONC. C & G
0' | 2' PCC SHLDR. | 12' PCC | 0' | 4' PCC | 19.42'–22' PCC
2.5' PCC | 0 | 2.5' PCC | (2' CONC. C. & G.)

Pavement: Width and Type
24' PCC | 36' PCC | 24' PCC | 0 | 0'–12' GORE

Shoulder: Width and Type
14' PCC | 10' PCC | 8' PCC

Number of Traffic Lanes
4–12' | 6–12' | 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
2-12' TLS | 1-12' T.L. | 1-12' T.L. | 1-11' T.L.

(Right Side)
11' TL | 1-12' TL | 1-14' TL | 1-12' MERGE LANE | 2-11' T.L. | 2-12' T.L.

Frontage Road: No. of Lanes, and Width (Right and Left)
15' ROAD / MULTI-USE PATH | 15' ROAD / MULTI-USE PATH

Sidewalk: Width and Type (Right and Left)
8' CONC. S.W. | 6' CONC. S.W. | (6.17' CONC. S. W.)

Curb and/or Gutter: Type (Right and Left)
2' CONC. C. & G. | 2' CONC. C. & G.

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number
22 HPS | 160 HPS

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
URBANIZED–LARGE (39889)

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

Speed: 1–Design, 2–Posted
35 MPH

Intersection Control Devices: Type, Location and Cycle Timing
3 PHASE | 2 PHASE | 4 PHASE | 4 PHASE | 3 PHASE

Traffic Station
B72 8930 00000 | B72 8930 00043 | B72 8930 00080 | B72 8930 00173

HPMS Section AADT 2011
3,060 | 7,474 | 7,474 | 228

HPMS Section AADT 2010
3,030 | 3,030 | 3,030 | 3,030

HPMS Section AADT 2009
3,000

DOD Sections

Census Tracts

Functional Classification
PRINCIPAL ARTERIAL (3)

National Highway System (NHS)
NOT ON NHS (1)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released
Mar. 2007, D.B.

Revised	
D. B.	12/07
D. B.	2/09
D. B.	1/10
D. B.	1/11
D. B.	2/12
D. B.	9/12

ROAD INVENTORY

OAHU RTE 8940

FRANKLIN D. ROOSEVELT AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

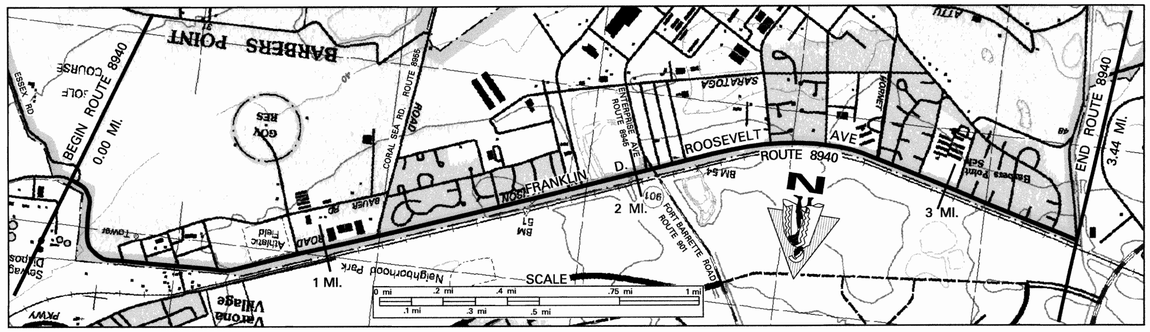
Total Route Length: 3.44 miles

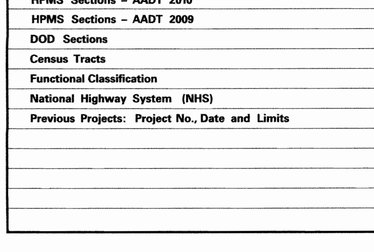
a. Survey Length: 3.44 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

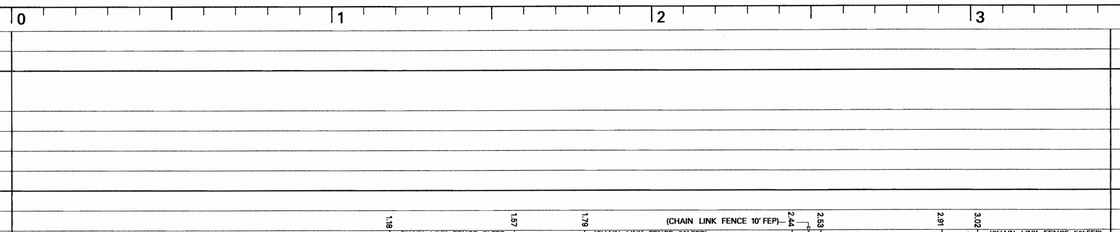
Right of Way Fence: Type – Right and Left

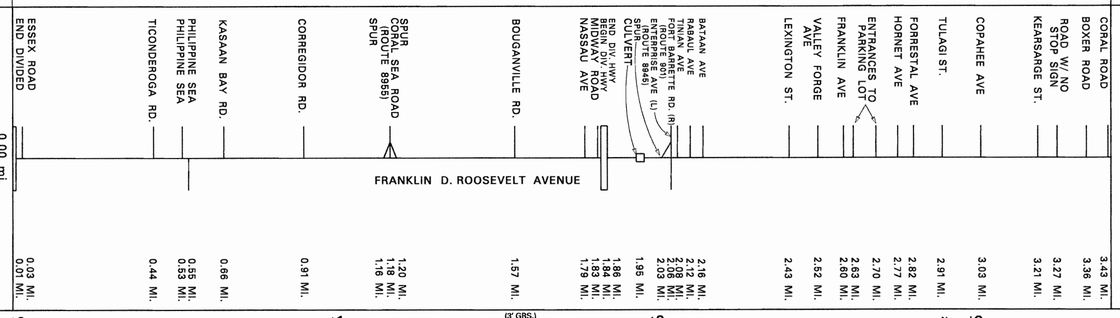
Control of Access: 1–None, 2–Partial, 3–Full

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed





SCALE: (In Miles) 4" = 1 mile

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

Divided Highway — Median
- Median: Width and Type
- Median Barriers:
- 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)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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

Speed: 1–Design, 2–Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2011

HPMS Sections – AADT 2010

HPMS Sections – AADT 2009

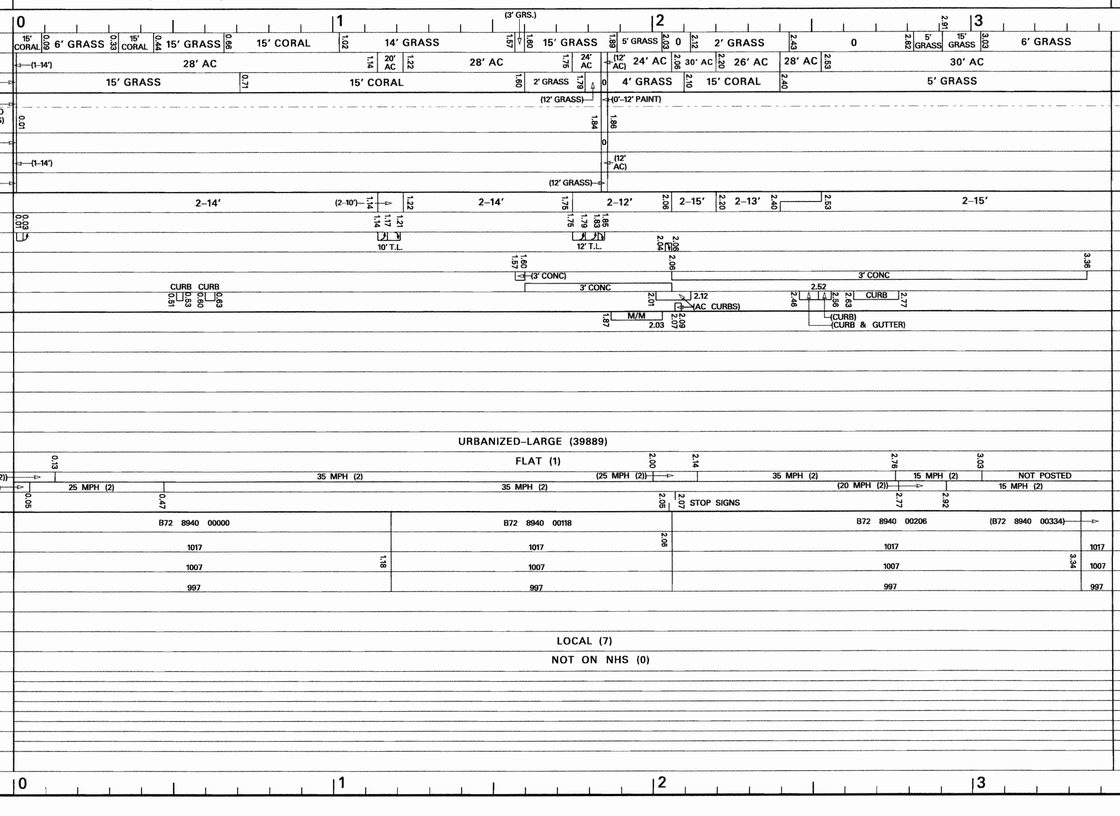
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2006, D.B.

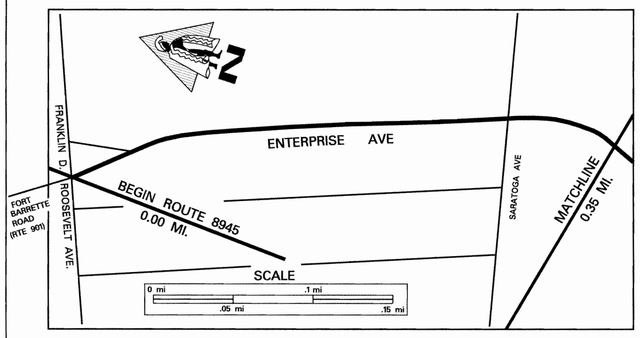
Revised	
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.

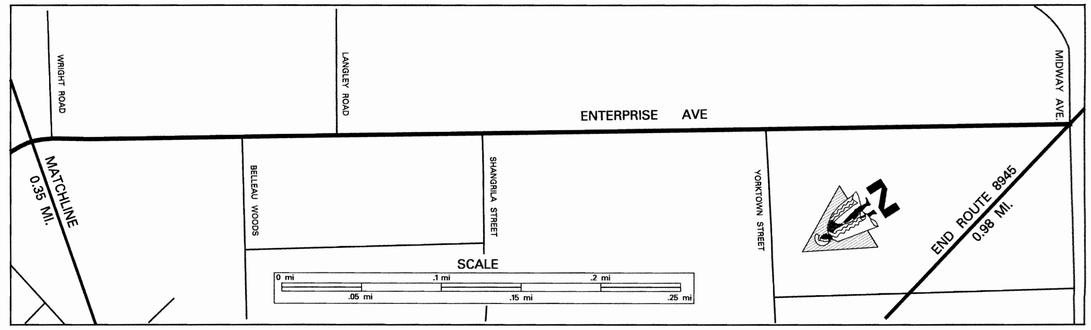
ROAD INVENTORY
OAHU RTE 8945
ENTERPRISE AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 0.98 miles
a. Survey Length: 0.98 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles





SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

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

0.26 CHAIN ON POSTS 4' FROM EDGE OF PAVEMENT 0.37 | 0.46 0.48 CHAIN LINK FENCE 30' FROM EDGE OF PAVEMENT | 0.61 0.69 CHAIN LINK FENCE 30' FROM EDGE OF PAV.

0.87 0.94 (CHAIN LINK FENCE 6' FROM EDGE OF PAVEMENT)

0.88 0.90 0.92 0.93 (CHAIN ON POSTS)

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

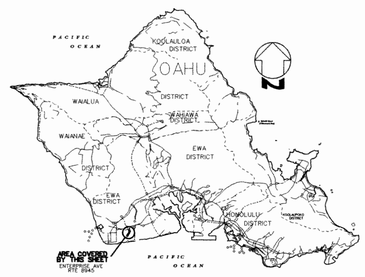
1–NONE

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

0.00 MI. BEGIN ROUTE 8945 ON ENTERPRISE AVE AT THE SOUTH EDGE OF PAVEMENT OF FRANKLIN D. ROOSEVELT AVE.

SPUR | END DIVIDED | SARATOGA AVE | BEGIN DIVIDED | END DIVIDED | WRIGHT ROAD | BELLEAU WOODS | LANGLEY ROAD | ENTERPRISE AVE | SHANGRILA STREET | MISSION ROAD | YORKTOWN STREET MONTEREY ROAD | ROAD | CARD

0.02 MI. | 0.05 MI. | 0.27 MI. | 0.31 MI. | 0.33 MI. | 0.35 MI. | 0.47 MI. | 0.53 MI. | 0.62 MI. | 0.72 MI. | 0.79 MI. | 0.80 MI. | 0.87 MI. | 0.95 MI.

0.98 MI. END ROUTE 8945 ON ENTERPRISE AVE AT THE NORTH EDGE OF PAVEMENT OF MIDWAY AVENUE.

SCALE: (In Miles) 20" = 1 mile

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

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

0 0.02 2' GRASS 0.17 6' GRASS 0.23 30' CORAL 0.25 0 0.36 10' CORAL 0.44 0 0.54 4' AC 0.59 10' AC 0.64 6' CORAL 0.69 0

22' AC | 32' AC | 35' AC | 25' AC | 45' AC | 42' AC | 40' AC

0 | 0 0.08 10' CORAL | 4' GRASS | 0 | 4' GRASS 0.47 | 0 0.62 6' GRASS 0.66 6' AC 0.72 0 0.81 10' GRASS 0.88 6" AC 0.90 0

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

0'–10' RAISED GRASS 0.05 0.31 | 0'–6' PAINTED AC 0.33

0 | 0 0.32 0

10' AC | 10' AC 20' AC

0 0.27 4' GRASS 0.39

1–10', 1–12' | 1–10', 1–15' | 1–10', 1–12' | 2–10'

1–10' | 0.32 | 2–10'

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)

0.02 (AC CURB) 0.08 AC CURB | 0.25 0.29 AC CURB | 0.44 0.54 AC CURB | CURB 0.81 | 0.69 AC CURB 0.72 | 0.72 6" CONC. 0.75 (AC CURB) 0.76 | 0.82 CONC. CURB 0.81 | CURB 0.91 (CURB) 0.92

Protective Devices: Type, Location and Number

METAL ON METAL 0.17

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED–LARGE (39889)

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

Speed: 1–Design, 2–Posted 25 MPH

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B72 8945 00000 | B72 8945 00032

HPMS Sections – AADT 2011 1,524 | 2,032

HPMS Sections – AADT 2010 1,509 | 0.32 | 2,012

HPMS Sections – AADT 2009 1,494 | 1,992

DOD Sections

Census Tracts

Functional Classification LOCAL (7)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 20" = 1 mile

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

Date Released
Dec. 2006, D.B.

Revised	
9/10	*D.B.*
1/11	*D.B.*
2/12	*D.B.*
9/12	*D.B.*

ROAD INVENTORY

OAHU RTE 8955
CORAL SEA ROAD

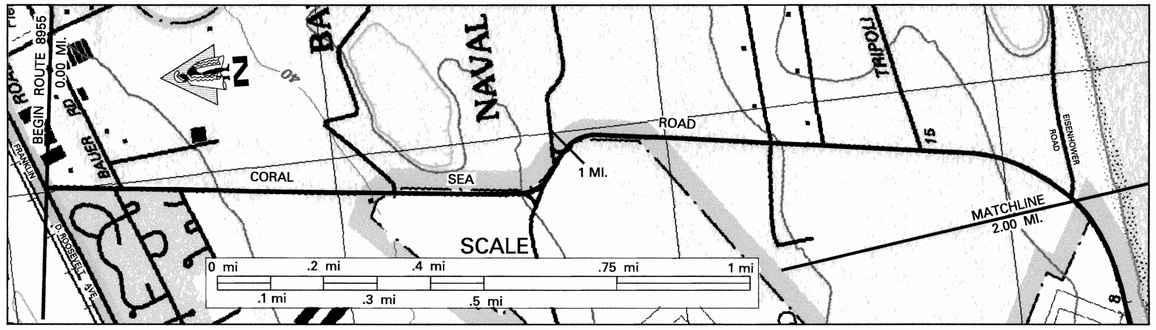
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

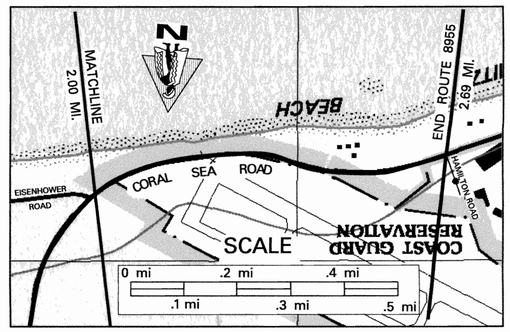
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 2.69 miles
a. Survey Length: 2.69 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

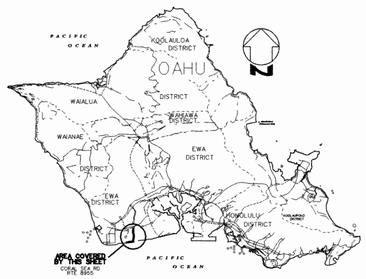
Right of Way Fence: Type – Right and Left
(CHAIN LINK FENCE 6' FROM E.P.) 0.24
0.59 0.61 0.70 CHAIN LINK FENCE 20' FROM E.P. 1.15 1.33 (CHAIN LINK FENCE 30' FROM E.P.) 1.50
2.04 CHAIN LINK FENCE 10'-30' FROM E.P. 2.61 2.64 (CHAIN LINK FENCE 3' FROM E.P.)
(CHAIN ON POSTS 3' FROM E.P.)
(CHAIN ON POSTS 6' FROM E.P.) 2.48 2.51

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 8955 0.00 MI. AT SOUTH EDGE OF PAVEMENT OF FRANKLIN D. ROOSEVELT AVENUE.

SPUR 0.02 mi.
BOUGAINVILLE AVE 0.12 mi.
INDEPENDENCE ROAD 0.24 mi.
SAN JUACINTO ROAD 0.97 mi.
TAKANIS BAY RD. 1.16 mi.
CORAL SEA ROAD
TRIPOLI ROAD 1.68 mi.
EISENHOWER RD. 1.89 mi.
PARK ENTRANCE 2.44 mi.
ROAD 2.63 mi.

END ROUTE 8955 ON CORAL SEA ROAD AT CENTERLINE OF BARBERS POINT AIR STATION GATE (U.S. COAST GUARD ENTRANCE) 2.69 MI.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

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

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

10' CORAL 0.42 | 6' CORAL 2.07 | 10' CORAL 2.37 | 6" CORAL 2.45 | 6' GRASS 2.61 | 4" GRASS
28' AC 0.46 | 20' AC
6' GRASS 0.27 | 6' CORAL 0.70 | 10' CORAL 1.15 | 6' CORAL 1.48 | 6' GRASS 2.16 | 10' GRASS 2.34 | 6' GRASS 2.48 | 10' CORAL 2.64 | 4" GRS.

Number of Traffic Lanes: 2–14' 0.46 | 2–10'

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)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED–LARGE (39889)

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

Speed: 1–Design, 2–Posted: 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B72 8955 00000 | B72 8955 00046

HPMS Sections – AADT 2011: 1,017 | 1,017

HPMS Sections – AADT 2010: 1,007 | 1,007

HPMS Sections – AADT 2009: 997 | 997

DOD Sections

Census Tracts

Functional Classification: LOCAL (7)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released
Dec. 2006, D.B.

Revised	
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.