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 2009

OAHU:

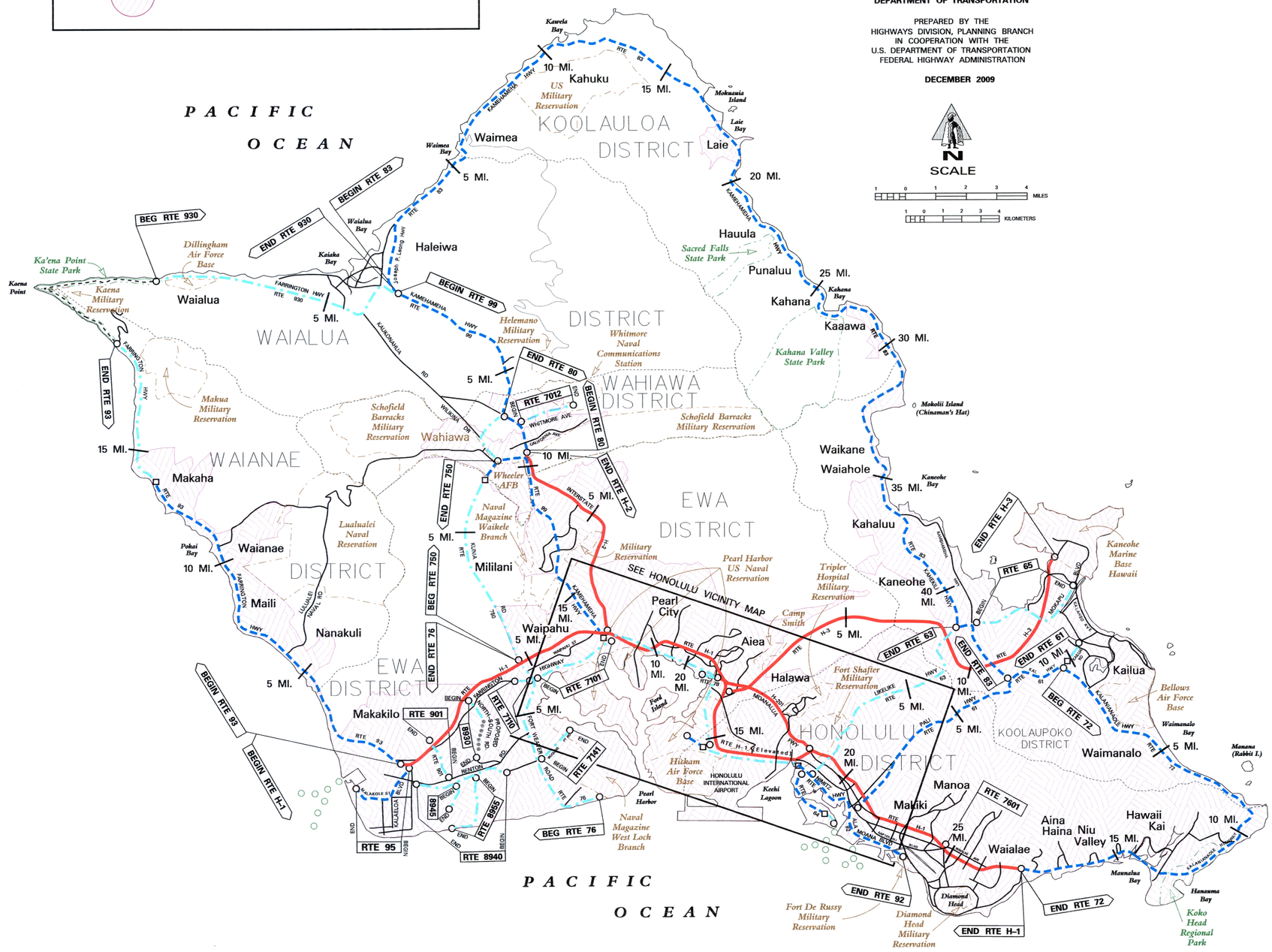
	ROUTE	LENGTH	(MILES)
*	H–1	27.16	(Queen Lili'uokalani Freeway, Lunalilo Freeway)
	H–2	8.33	(Veterans Memorial Freeway)
	H–3	15.32	(John A. Burns Freeway)
	H–201	4.09	(Moanalua Freeway)
	SUBTOTAL	**54.90**	(Interstate)
	61	10.60	(Pali Hwy, Kalanianaole Hwy., Kailua Rd.)
	63	8.28	(Kalihi St., Likelike 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	0.43	(North–South Road – 2.04 mi. Proposed Road)
	8940	3.44	(Franklin D. Roosevelt Ave.)
	8945	0.98	(Enterprise Ave.)
	8955	2.69	(Coral Sea Rd.)
	SUBTOTAL	**192.59**	(State Routes only)
	TOTAL	**247.49**	(State & Interstate)
	7414	0.41	(Middle St. – NHS Section of County Route)
	74140	0.12	(Notley – NHS Local Rd.)
	SUBTOTAL	0.53	(County NHS)

* Please Refer to SLD Bullet List for Route Changes

Date Released
Dec 2002, JK
Revised
Apr. 04 DB
March 07 DB
Feb 09 DB
Aug. 10 DB

LEGEND

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



1

STATE ROUTE SYSTEM

HONOLULU VICINITY
ISLAND OF OAHU

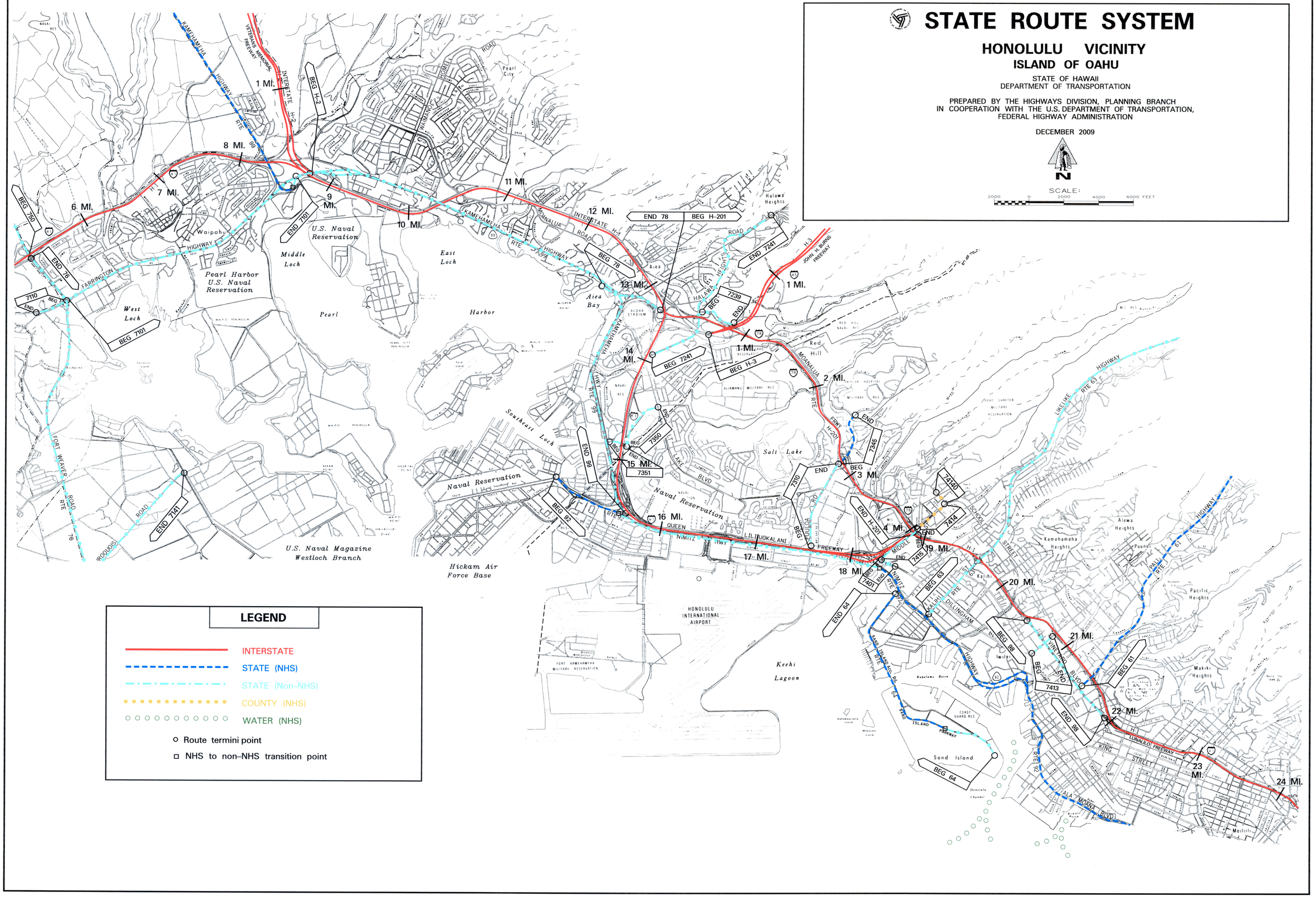
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

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

DECEMBER 2009

N

SCALE:
2000 0 2000 4000 6000 FEET



LEGEND

- INTERSTATE
- STATE (NHS)
- STATE (Non–NHS)
- COUNTY (NHS)
- WATER (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

2

ROAD INVENTORY

OAHU RTE H–1

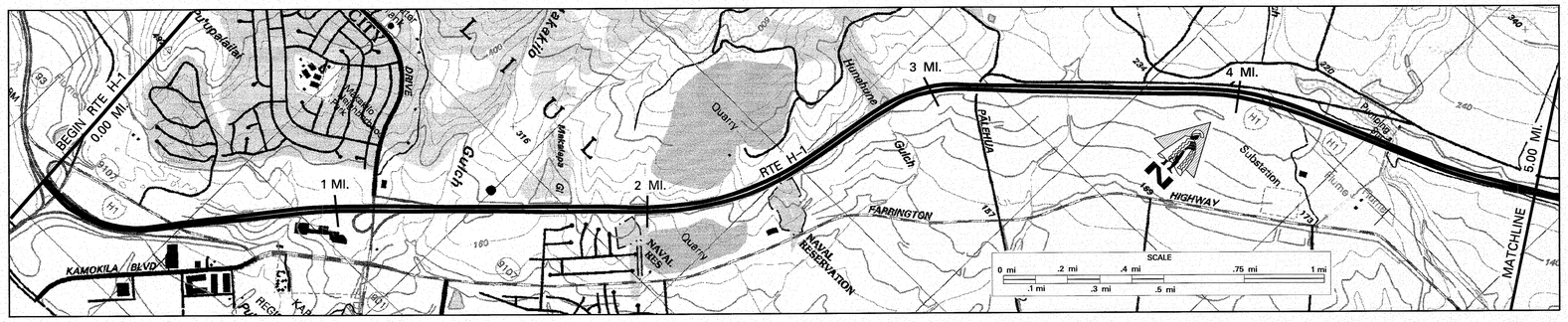
QUEEN LILI'UOKALANI FREEWAY

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

Maintenance Control Sections : Length and Description

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

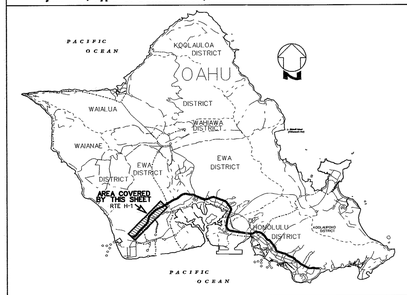
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	TBM 1966 0.06; CBG 1966 0.40; CBG 1981 1.12; Culvert 28' 1966 1.31; Slab, HS–20–44 1966/87 35' 3.16–3.18; Culvert, HS–20 1966 27' 3.45; P/CB, HS–20–44 1966/87 137' 4.51
Vertical Clearance	99' 1.31; 52' O.B. 52' I.B. 3.16–3.18; 99'; 52' O.B. 52' I.B. 4.51
Horizontal Clearance	18'; 17' 07'; 18'; 41'; 53'; 58'

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

Right of Way Width (min.–max.) if varies	220' 0.40–0.51; 80' 0.51–1.20; 180'–270' 1.20–2.00; 250'–350'; 190'–280'
Available Right of Way Width (Needs Study)	1000' Bushes
Right of Way Fence: Type – Right and Left	Chain Link Fence 0.09–1.00; Chain Link Fence 1.20–3.45; Chain Link Fence 50'–100' from E.P. 0.09–1.20; Chain Link Fence 50'–100' from E.P. 1.20–3.45
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–NH–H1(239), 2004 RECONSTRUCTION 0.00–0.44; (H1A–01–02M, 2004 Rehab) 1.09–1.19; IM–H1–1(219) 2000 4.32–4.98
Project No., Type of Construction, and Year Constructed (93A–01–96M, 1997, Resurf.)	IR–H1–1(189), Additional Lanes 0.00–4.98



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)

QUEEN LILI'UOKALANI FREEWAY — RTE H–1

Off-Ramp to Kapolei Kalaeloa Blvd. O.P. 0.01 mi.; Off-Ramp to Barbers Point ECB 0.06 mi.; Farr. Hwy. O.P. Off-Ramp to Barbers Point 0.09 mi.; 1MP 1.00 mi.; Makakilo Dr. O.P. (RTE 900) ECB (R) 0.24 mi.; Off-Ramp to Makakilo Culvert ECB 0.28 mi.; On-Ramp from Fort Barrette Road ECB (R) 0.42 mi.; On-Ramp "MB" from Makakilo 1.26 mi.; ECB 0.49 mi.; ECB (R) 0.54 mi.; ECB (R) 1.05 mi.; ECB 1.12 mi.; 2MP 2.00 mi.; 2MP & ECB (R) 1.27 mi.; ECB 1.31 mi.; ECB (R) 1.34 mi.; ECB 1.45 mi.; ECB (R) 1.60 mi.; ECB 2.48 mi.; Off-Ramp to Kuaiakai Pkwy. (Exit 3) 2.86 mi.; On-Ramp from Kuaiakai Pkwy. 2.90 mi.; 3MP 3.00 mi.; N–S Road Sep. Palehua Sep. U.P. 3.18 mi.; ECB 3.22 mi.; Off-Ramp to Kuaiakai Pkwy. 3.54 mi. Telemetry Sta. C10K 3.40 mi.; ECB (R) 3.43 mi.; On-Ramp from Kuaiakai Pkwy. 3.53 mi.; ECB 3.45 mi.; 4MP 4.00 mi.; ECB 3.88 mi.; ECB (R) 4.19 mi.; Honouliuli Stream Br. 4.43 mi.; ECB (R) 4.51 mi.; On-Ramp from Kunia 4.98 mi.

CONT. ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type	6'–10' AC; 6'–10' AC/ 6' PCC 3.86–4.98
Pavement: Width and Type	24' AC 0.03; 36' PCC
Shoulder: Width and Type	4'–6' AC 0.43; 8'–12' AC; 8'–16' Grass ®
Median: Width and Type	4' Grs. Ⓘ 0.28; 12'–14' Sloped Grass Ⓘ 0.36–0.98
Median Barrier LEGEND: Concrete Barrier ——— Zipper Barrier - - - - M/M Guard Rails ⊢—⊣	2'–4' AC
Shoulder: Width and Type	24' AC 0.00–0.10; 24' PCC 0.10–0.42; 36' PCC; 34' PCC/ 2' AC (median side) 3.00–3.55; 36' PCC; 34' PCC/ 2'AC(med. side) 3.99–4.65; 36' PCC
Pavement: Width and Type	4' AC/ 4' Grs. 0.00–0.10; 10' AC/ 4'–30' Grass 0.10–0.81; 10' AC; 0'–8' PCC/ 6' AC; 8'–10' AC/ 6'–8' Grass; 8'–10' AC; 0'–4' PCC/ 4' AC; 8'–10 AC
Shoulder: Width and Type	2–12'; 2–12'; 3–12'; 3–12'; 1–12' Accel. 4.79–4.98

Number of Traffic Lanes	(15'–24' DECEL.) 1.31–1.38; (2 – 15' ACCEL.) 1.26–1.31; (1 – 15' ACCEL.) 1.31–1.42
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 LEGEND: 1=concrete barrier 2=concrete wall, 3=metal w/ metal rail	Crash Barrier 0.02–0.43; High Pressure Sodium Lamps 0.43–0.48; 200 HPS Lamps (High Pressure Sodium) 0.48–4.79; Conc. 4.79–4.98; (High Pressure Sodium Lamps) 4.55–4.89
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:	Large Urbanized (4) (Honolulu – 52)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling
Speed: 1–Design, 2–Posted	60 MPH (MIN 45) ② 4.87–4.98 55 MPH
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	
HPMS Sections – AADT 2009	(41,608) 25,700; 48,887; 68,200 3.62; 120,769
HPMS Sections – AADT 2008	(41,662) 41,662; 48,941; 120,926
HPMS Sections – AADT 2007	(42,115) 0.00–0.42 42,155; 49,520 1.25–1.31; 122,358
DOD Sections	DOD 105 0.49–1.25; DOD 106 1.31–3.62; DOD 110 3.62–4.98
Census Tracts	
Functional Classification	Interstate (11)
National Highway System (NHS)	On NHS (1)
Previous Projects: Project No., Date and Limits	I–H1–1(20), 1967 0.00–0.10; I–H1–1(108) Safety Imprv., 1976; I–H1–1(17) Unit 1, 1967 0.10–1.34; I–H1–1(17) Unit 2, 1966 1.34–3.00; I–H1–1(18) Unit 1, 1966 3.00–4.86; I–H1–1(18)Unit 3, 1966 4.86–4.98

SCALE: (In Miles) 4" = 1 mile

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.

ROAD INVENTORY

OAHU RTE H–1
QUEEN LILI'UOKALANI FREEWAY

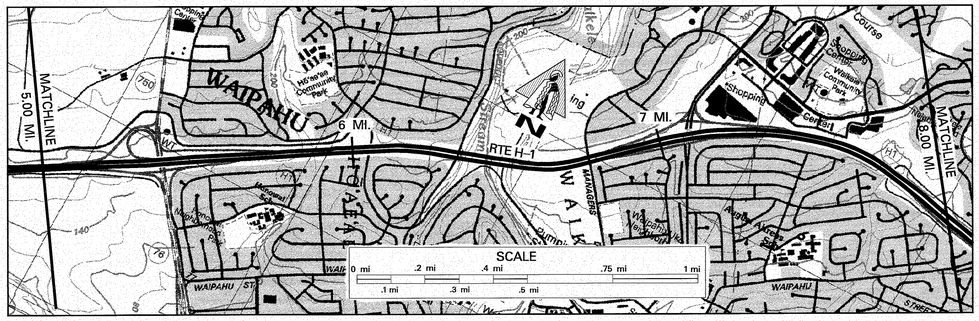
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

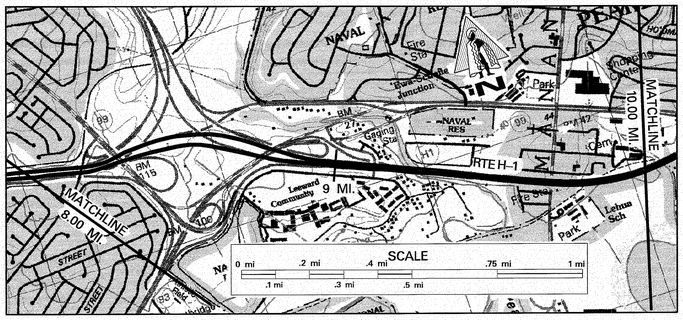
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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 | 164' | 62' O.B. 50' I.B. | P/CB HS–20 1967 | 104' | 62' | P/CB HS–20 1968 876' I.B. 832' O.B. CBG 1967 | 63' | TBM HS–20 200' | 69' | CBG 1968 | 76' | P/CB HS–20 1968 158' | 69' | CBG 1968 | 69' | CBG 1968 | 99' | OF HS–20 1970 | 58' | CBG 1971 | 58' | CBG 1969 | 32' | CBG 1969 | 31' | CBG 1969 | 73' | PLCB HS–20 1969 5946' | 99'

Vertical Clearance

Horizontal Clearance

Structure over Road

Vertical Clearance: 18' | 18' | 18' | 18' | 18' | 16'–9"

Horizontal Clearance: 65' | 76' | 69' | 99' | 58' | 32' | 31' | 73'

Right of Way Width (min.–max.) if varies: 190' – 280' | 210' – 365' | 170' – 300'

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left: 1000' Bushes | Chain Link | (Chain Link 50'–100' from E.P.) | Chain Link | 0' Residential | Chain Link

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(181) Resurf. 1986 | 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 Waikele Rd. & Kunia Rd. 5.08 mi. | Kunia Sep. U.P. (RTES. 76 & 750) Off-Ramp to Ft. Weaver Rd. | On-Ramp from Ft. Weaver Rd. (R) Off-Ramp to Kunia Rd. (L) On-Ramp from Kunia Rd. (R) | Hoaese Sep. U.P. | Waikele Stream Br. Mile Mkr. | Waikele Stream Acc. Rd. O.P. | Zipper Crossover Ln. | Manager's Dr. O.P. | On-Ramp from Waikele 6.88 mi. | Telemetry Loops | Paiwa St. U.P. | Off-Ramp to Waikele 7.40 mi. | Structure #451 U.P. | Zipper Crossover Ln. | Zipper Crossover Ln. | Off-Ramp to Waipahu St. O.P. | Off-Ramp U.P. (To U.P.) On-Ramp from Kam Hwy (FAP 99) | Kam Hwy O.P.s | Off-Ramp From H–2 | H-2 O.P. | On-Ramp From H–2 | Off-Ramp to H–2 Fwy. O.P.s | On-Ramp from Waipahu | Beg Viaduct Widening Waiawa Rd. O.P. | Hugh St. | Lehua Ave

QUEEN LILI'UOKALANI FREEWAY | RTE H–1

ECB | 5MP | 6MP | 6.5MP | 7MP | 7.5MP | 8MP | 9MP | 384 + 67 | 397 + 80 | 415 + 00 | 450 + 10

5.08 mi. | 5.11 mi. | 5.32 mi. | 5.37 mi. | 5.58 mi. | 5.68 mi. | 5.74 mi. | 5.79 mi. | 6.05 mi. | 6.11 mi. | 6.34 mi. | 6.35 mi. | 6.52 mi. | 6.55 mi. | 6.63 mi. | 6.69 mi. | 6.77 mi. | 6.78 mi. | 7.08 mi. | 7.12 mi. | 7.15 mi. | 7.33 mi. | 7.56 mi. | 7.76 mi. | 7.87 mi. | 8.15 mi. | 8.17 mi. | 8.18 mi. | 8.24 mi. | 8.31 mi. | 8.32 mi. | 8.35 mi. | 8.40 mi. | 8.51 mi. | 8.58 mi. | 8.67 mi. | 8.68 mi. | 8.75 mi. | 8.77 mi. | 8.82 mi. | 8.94 mi. | 9.13 mi. | 9.20 mi. | 9.23 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' AC | 48' PCC | 48' AC | 33' AC | 55' AC | 55' PCC

Shoulder: Width and Type: 4'–12' AC | 4' PCC | 4'–8' AC | 4' PCC

Median: Width and Type: 12'–14' Sloped Grass (R) | 4'–20' Grass & Shrubs | (Double 3' Conc. Barr. w/ 9'–20' Gap) | (Double Conc. Barr. w/ 13' Gap) | Double Conc. Barr. w/ 12' Gap | 4'–10' Grass & Shrubs | 15'–0' Grass & Shrubs (R) | (2' Zip Blocks) | 15'–15' Grass | 10' Grass & Shrubs (R) | (Double Conc. Barr. w/ 12' Gap) | 8' Grass & Shrubs (R) | (Double Conc. Barr. w/ 15' Gap) | 4'–0' Grass & Shrubs | 2'–10' Grass & Shrubs | 6'–10' AC | 4'–8' AC | 50'–300' at Sloped Grass | 55'–100' Sloped Grass & 1/2' AC | 12'–0' Grass (R) | 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 | 24' PCC | 24' AC | 48' AC | 48' PCC | 48' AC | 36' AC | 24' AC | 55' AC | 55' PCC

Shoulder: Width and Type: 8'–10' AC | 0'–15' PCC | 15'–0' AC | 10' AC | 8'–10' AC | 6' AC | 10' AC / 2'–20' Grs | 6'–8' AC | 10'–12' AC | 10' PCC

Number of Traffic Lanes: 3-12' | 2-12' | 4-12' | 3-12' | 2-12' | 3-11' | 2-12' | 5-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1-16' Decel | 1-12' Accel | 1-12' Decel | 1-12' Decel | 1-12' Accel | 1-12' Decel | 1-12' Accel | 1-12' Accel | Ramp to Kam Hwy

(Right Side): 1-14' Decel | Decel | 1-14' Decel | Ramp to Kam Hwy | 1-12' Accel Ramp from H–2

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

Sidewalk: Width and Type (Right and Left): Conc | Conc | Conc

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

Illumination: Type, Location and Number: High Pressure Sodium Lamps | HPS (Median, 48) (3) | 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 Lanes/Contra–Flow Lanes: HOV Lane near median (2 or more occupants)

Area and Development: Large Urbanized (4) (Honolulu – 52)

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

Speed: 1–Design, 2–Posted: 55 MPH – Minimum 45 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): 120,769 | 115,229 | 169,155 | 99,400 | 93,500 | 88,300 | 64,000 | 119,400 | 130,300 | 216,724

HPMS Sections – AADT 2009: 120,926 | 120,926 | 115,379 | 169,375 | 155,020 | 151,526 | 151,526 | 151,526 | 151,526 | 151,526 | 217,006

HPMS Sections – AADT 2008: 122,358 | 116,745 | 171,380 | 156,855 | 153,320 | 153,320 | 219,575

HPMS Sections – AADT 2007

DOD Sections: DOD 110 | DOD 115 | DOD 120

Census Tracts

Functional Classification: Interstate (11)

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 | I-H1-1(18) U–2 1966 | 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–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):8 I-H1-1(44):8(1969) | I-H1-1(169):8 1971 | I-H1-1(47):9 1970 | I-H1-1(45):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.

ROAD INVENTORY

OAHU RTE H–1
QUEEN LILI'UOKALANI FREEWAY

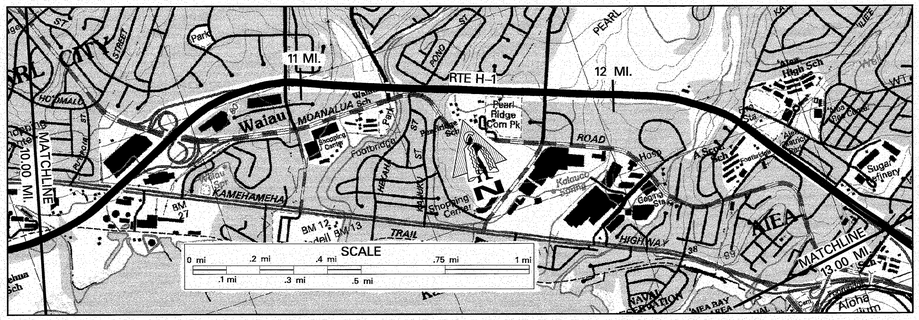
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

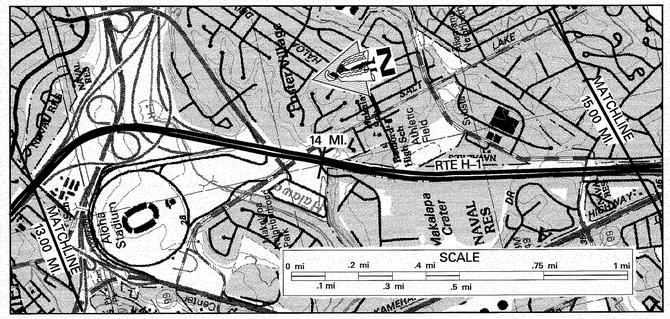
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Maintenance Control Sections : Length and Description

10 | 11 | 12 | 13 | 14 | 15

H1–E (3.88 mi.) | End H1–E and beg. H1–F 211' east of Kaimakani O.P. 10.07 | H1–F (0.98 mi.) | End H1–F and beg. H1–G at S.E. end of Halawa IC complex (end viaduct) 14.02 | H1–G (3.51 mi.)

Structure Carrying Road

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

CGB HS–20 1970 244' 10.33 | CGB HS–20 1971 10.94 | PLCB HS–20 1970, 2006 1251' 11.25 | CBG HS–20 1970 11.79 | 33' Plate Culvert HS–20 1970 12.31 | CBG HS–20 1970 12.42 | PED 1970 12.57 | CBG HS–20 1970 12.79 | Culv. HS–20 1970 13.48 | P/CB HS–20 1970 13.03 | Prestressed Conc. Girder HS–20 1975 116' 29' 13.34 13.42 13.54 13.49 13.70 | Prestressed Conc. HS–20 81'–8" 14.24 14.85

Vertical Clearance: 99' | 163' | 33' | 33'

Horizontal Clearance: 18' | 17'–04" | 18' | 17' | 17'–04" | 18' | 18' | 18'

Structure Over Road

Vertical Clearance: 83' | 70' | 69' | 75' | 76' | 99' | 150' 150' | 154'

Horizontal Clearance: 170' – 300' 10.23 | 172' – 240' 10.96 | 250' – 350' 12.87 | 172' – 410' 14.85 | 250' – 300'

Right of Way Width (min.–max.) if varies: 0' Residential

Available Right of Way Width (Needs Study)

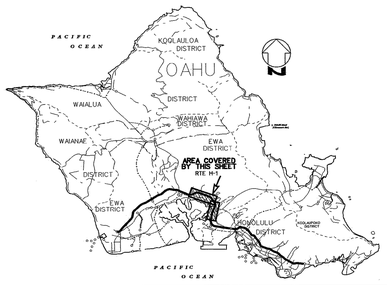
Right of Way Fence: Type – Right and Left: Chain Link 50'–100' from E.P. 10.96 | Chain Link 50'–100' from E.P. 12.87

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: 74+20 10.59 | I–H3–1(75), Unit VIII, H–1 Roadway Widening (Westbound Lanes only), 2006 | 143+65 13.87 | 39+00 14.34 | NH–H1–1(246), Zipper Lane Extension, 2006

Project No., Type of Construction, and Year Constructed: H1EFG–01–96, 1998, Contraflow and Shoulder Lanes



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

Continued from Sheet #2

Off-Ramp to Kam Hwy, U.P. 10.17 mi. | End Viaduct Off-Ramp to Kam Hwy, U.P. 10.34 mi. (R) 10.30 mi. | On-Ramp from Waimalu Rd U.P. 10.42 mi. | Moanalua Rd U.P. On-Ramp from Waimalu 10.53 mi. 10.50 mi. | On-Ramp from Waimalu 10.61 mi. | Off-Ramp to Waimalu 10.71 mi. | ECB 10.82 mi. | Kaahumanu St. O.P. 10.88 mi. | ECB (R) 10.94 mi. | Beg. Viaduct 11.18 mi. | Kaahele St. U.P. 11.25 mi. | End Viaduct Pono St. U.P. 11.32 mi. | ECB 11.44 mi. | Telemetry Sta. C'L 11.49 mi. | Kaonohi St. O.P. 11.69 mi. | ECB (R) 11.74 mi. | Culvert 11.79 mi. | Kaamilo St. O.P. 12.31 mi. | ECB (R) 12.37 mi. | On-Ramp from Moanalua Fwy. Ped. Overpass 12.42 mi. | Culvert 12.57 mi. | Aiea Hts. Dr. O.P. 12.79 mi. | On-Ramp "D" from Aiea Double Box Culvert (L) 12.86 mi. | Off-Ramp (L) to Pearl Harbor (Exit 13A) 12.91 mi. | On-Ramp from Kaimakani St. O.P. 13.03 mi. | ECB 13.04 mi. | On-Ramp from Red Hill ECB 13.10 mi. | Off-Ramp (R) to Moanalua Freeway 13.20 mi. | On-Ramp "P" from Moanalua Freeway (L) 13.24 mi. | Off-Ramp (R) to Pearl Harbor (Exit 15) 13.33 mi. | On-Ramp from Ramp O.P. 13.35 mi. (R) 13.33 mi. | Off-Ramp (L) to Halawa IC 13.42 mi. | Telemetry Sta. ECB H1–13 Halawa Str. Br. 13.49 mi. | Ramp O.P. 13.54 mi. | Off-Ramp (L) to Red Hill Viaduct 13.58 mi. (L) 13.57 mi. | On-Ramp (R) from Halawa Stad. 13.73 mi. (L) 13.70 mi. | Kahuapaani St. O.P. 13.86 mi. | On-Ramp (R) from Halawa Stad. 13.95 mi. | Arterial Rd. 14.05 mi. | Salt Lake Blvd. 14.01 mi. | End Viaduct 14.24 mi. | Pedestrian O.P. 14.29 mi. | Zipper Crossover Lane 14.92 mi. | Radford Dr. O.P. 14.86 mi. | Off-Ramp (R) to Pearl Harbor/Hickam (Exit 15) 14.96 mi. | On-Ramp (L) from Valkenburg 14.96 mi. | Zipper Crossover Lane 14.39 mi.

RTE H–1 QUEEN LILI'UOKALANI FREEWAY

ECB | 10MP | 11MP | 12MP | 13MP | 14MP | Post only

Continued on Sheet #4

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 10' PCC | 4'–6' AC | 12' PCC | 4'–12' PCC | 6'–12' AC | 6'–8' PCC | 6'–8' AC

Pavement: Width and Type: 55' PCC | 55' PCC (Outer Lane includes AC Pav't) 60' PCC | 72' PCC | 68' PCC 4' AC 2' PCC | 77' AC | 48' AC | 48' PCC | 48' AC 60' AC | (48' AC)

Shoulder: Width and Type: 4' PCC | 12' PCC | 11' PCC | 6'–7' PCC | 6'–7' AC | 10' AC | 4'–6' AC | 6'–8' PCC | 8'–10' AC

Median: Width and Type: 2' Concrete Barrier + 2' Zip Blocks

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

Shoulder: Width and Type: 1'–2' PCC | 2' AC | 2' PCC | 2' PCC | 2' PCC | 2' AC | 3' PCC | 4'–6' AC | 6'–8' PCC | 8'–10' AC

Pavement: Width and Type: 55' PCC | 55' AC | 55' PCC | 55' PCC | 55' AC | 55' PCC | 66' PCC | 68' AC | 44' AC | 48' AC | 60' PCC | 60' AC | 48' AC

Shoulder: Width and Type: 10' PCC | 4'–10' AC | 10' AC | 10' PCC | 10' AC | 10' PCC | 4' AC | 12'–14' AC | 10' PCC | 10'–12' AC | (4–12') (4–12')

Number of Traffic Lanes: 5–11' | 10.78 5–12' 10.86 | 6–12' | 12.39 | 2–12' 4–11' 12.74 2–12' 5–11' 12.92 7–11' | 6–11' | 4–11' .10 .08 | 4–12' | 5–12' .95 | 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 16' Accel 10.49 | 15' Decel 10.94 11.10 | 1 – 12' Accel 12.65 | 1 – 12' Accel .05 13.15 | 1 – 12' Accel 13.44 | 1 – 12' Accel .84 14.80 | 2 – 12' Accel .84 14.96

(Right Side): 12' Decel 10.26 | 2 – 12' Accel 10.62 10.79 | 1 – 12' Accel 11.14 | 13.28 13.34 1 – 12' Decel | .71 2 – 12' Accel .80 | 14.67

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

Illumination: Type, Location and Number: High Pressure Sodium

Curves: Degree of Curvature (Right and Left)

Zipper Lane/Express Lane: Zipper Lane (Express Lane: Buses and 2 Rider Car Pools, 5:30 AM – 8 AM, Mon. – Fri.)

Shoulder Lanes: 10'–12' PCC | 10'–12' AC w/ PCC

HOV Lanes/Contra–Flow Lanes: HOV Lane near median (2 or more occupants) | HOV Lane near median (2 or more occupants)

Area and Development: Large Urbanized (4) (Honolulu – 52)

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

Speed: 1–Design, 2–Posted: 55 MPH – Minimum 45 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): 216,724 | 120,300 | 127,100 | 218,600 | 233,271 | 233,271 | 104,300 | 105,200 | 138,567 | 95,900 (72,600) | 138,747 (103,712) | 140,390 (104,940)

HPMS Sections – AADT 2009: 217,006 | 217,006 | 217,006 | 233,575 | 233,575 | 233,575 | 133,150 | 138,150 | 138,747 | 138,747

HPMS Sections – AADT 2008: 219,575 | 236,340 | 139,785 | 139,785

HPMS Sections – AADT 2007

DOD Sections: DOD 120 | DOD 125 | DOD 130

Census Tracts

Functional Classification: Interstate (11)

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

Previous Projects: Project No., Date and Limits: H1–EG–01–95M(R) 1995 | I–H3–1(75), Unit 2, 1998, H–3 Finish | IM–H1–1(227), (R), 1997 | H1E–01–94M, 1994, (Add Lanes) | IR–H1–1(193), 1987, (Add Lanes) | IR–H1–1 (207), 1989 | IR–H1–1(206), Ph.2, 1986, (Add Lanes) | H1E–01–80M, 1980, (Resurface) | I–H1–1 (43):10, 1970 | I–H1–1(66):10 and I–H1–1(67):10, 1971 | I–H1–1(77):13 1971 | I–H1–1 (83):13 1975 | I–H1–1(91):13 1976 | I–H1–1(104):13 1976 | I–H1–1(71,03,125):14 1976 | I–H1–1(135):14 Resurface, 1982 | I–H1–1(111):14 1976 | I–H1–1 (68):10, 1970 | I–H1–1(65):10, 1970 | I–H1–1(63):11 1970 | I–H1–1(64):12 Unit 1 | I–H1–1(64) Unit 2 | IR–H1–1(196)(R) 1986 | I–H1–1(7,03,125):14 1976

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.
Aug. 10 D.B.

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

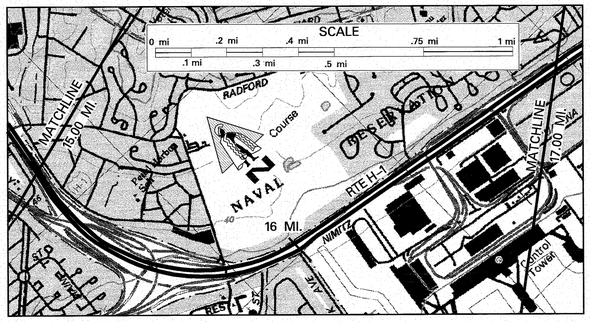
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

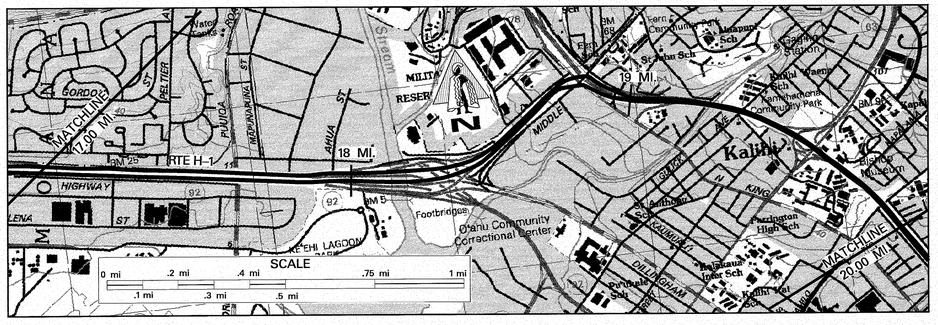
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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 _____

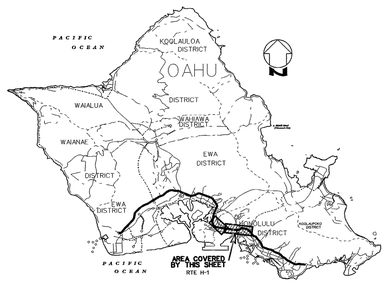




SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Divided Highway, Undivided	Shoulder: Width and Type
	Pavement: Width and Type
	Shoulder: Width and Type
	Median: Width and Type
	Median: Barrier (LEGEND: Concrete Barrier ——— Zipper Barrier - - - - M/M Guard Rails ├──┤)
	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	LEGEND: 1 = conc. barrier, 2 = conc. wall 3 = metal w/ metal rail
Illumination: Type, Location and Number	
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. – Frl.))
Shoulder Lanes	
HOV Lanes/Contraflow Lanes	
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 2009	
HPMS Sections – AADT 2008	
HPMS Sections – AADT 2007	
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
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.

Continued from Sheet #3

15 16 17 18 19 20

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)

Prestressed Conc. HS–20 | Prestressed Conc. HS–20 – 44 | 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

85' 80' 43' 10287' Ramp O.P. Ramp O.P. 88' 135' 99'

18' 72' Outb. 72' Inb. 14'–11"

188' 18' Outb. 18' Inb. 72' Outb. 72' Inb. 19' Outb. 18' Inb 72' Outb. 72' Inb. 17'–05" 16'–08" 16'–03" 18' 43' 42' 27'

17' 17' 40' 38' 28' 52' 16'–9" 15'–7"

188' 188' 250' – 300' 150' – 230'

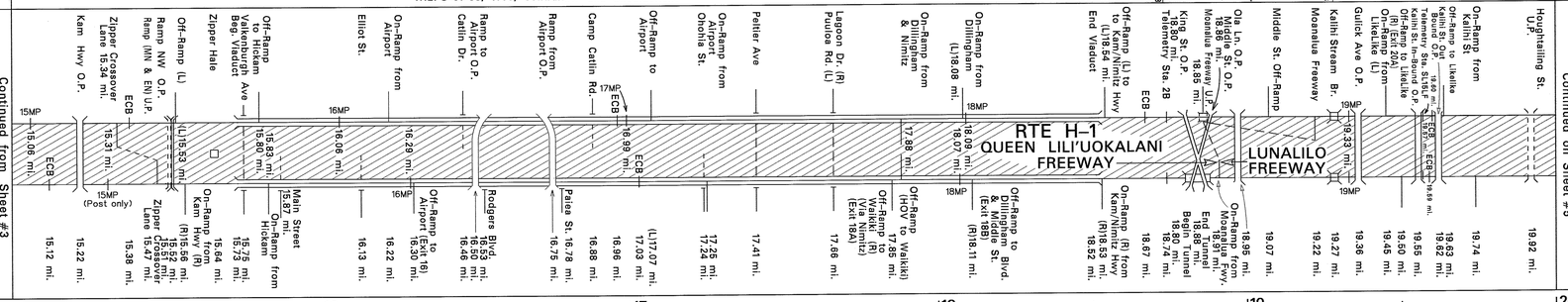
0' Residential | 0' Residential/Commercial (Conc. Retaining Wall) (Chain Link 20'–30' from E.P.) Chain Link 30' from E.P. Chain Link 15'–20' from E.P. Chain Link 30' from E.P. Chain Link 40' from E.P.

Full State

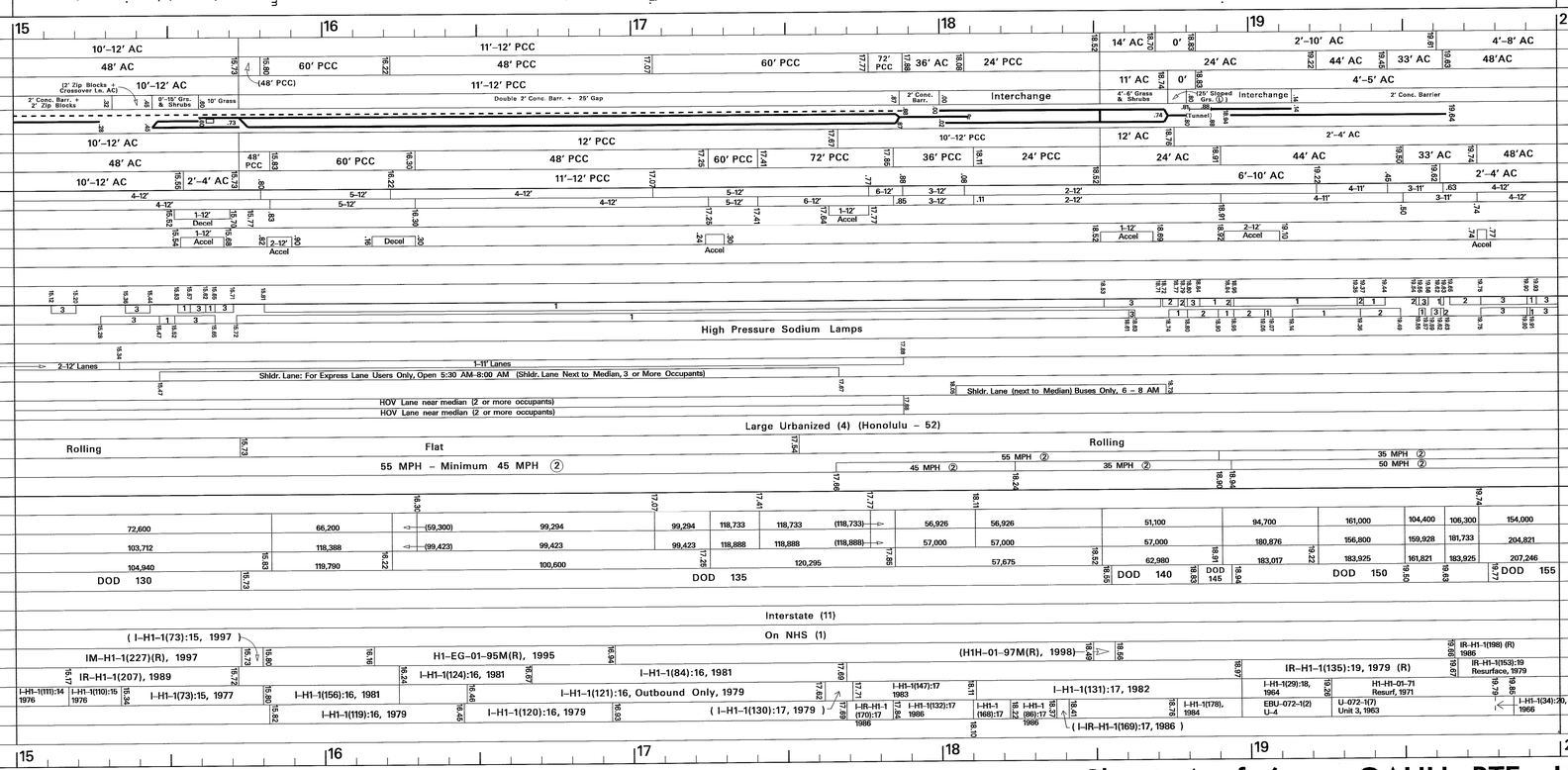
DPI-0203(1) Resurfacing, 2005 | I–H1–1(187), O.B. Impr 1985 | H1H–01–00M Rehab, 2005 | IM–H1–1(220) Pavement Rehab. 1996

NH–H1–1(246), Zipper Lane Extension, 2006 | I–H1–1(187), O.B. Impr 1985

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



Continued on Sheet #5



15 16 17 18 19 20

ROAD INVENTORY

OAHU RTE H–1

LUNALILO FREEWAY

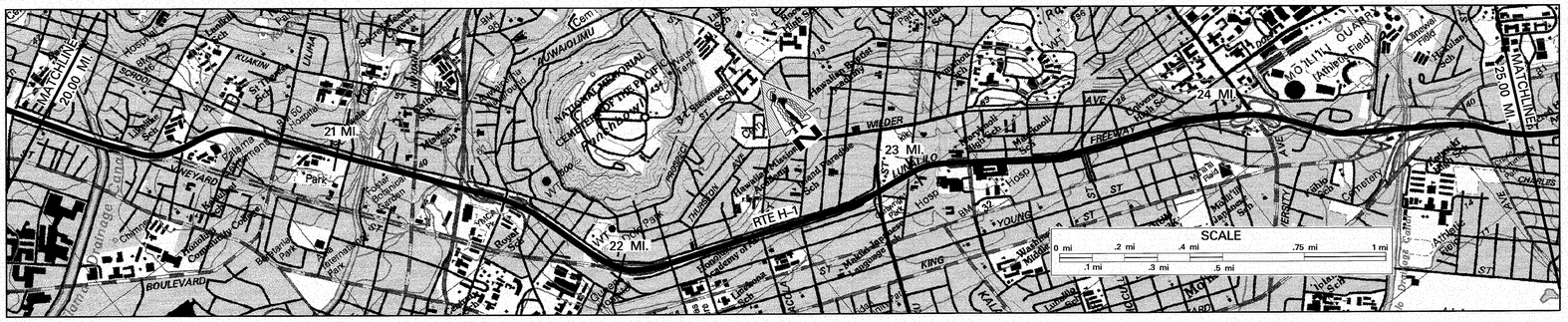
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 _____



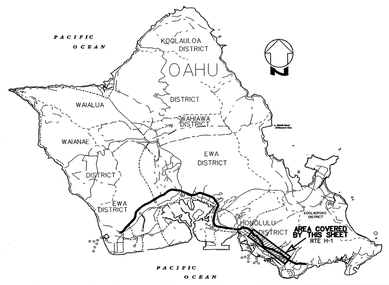
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed — Note: All Structures are HS 20
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

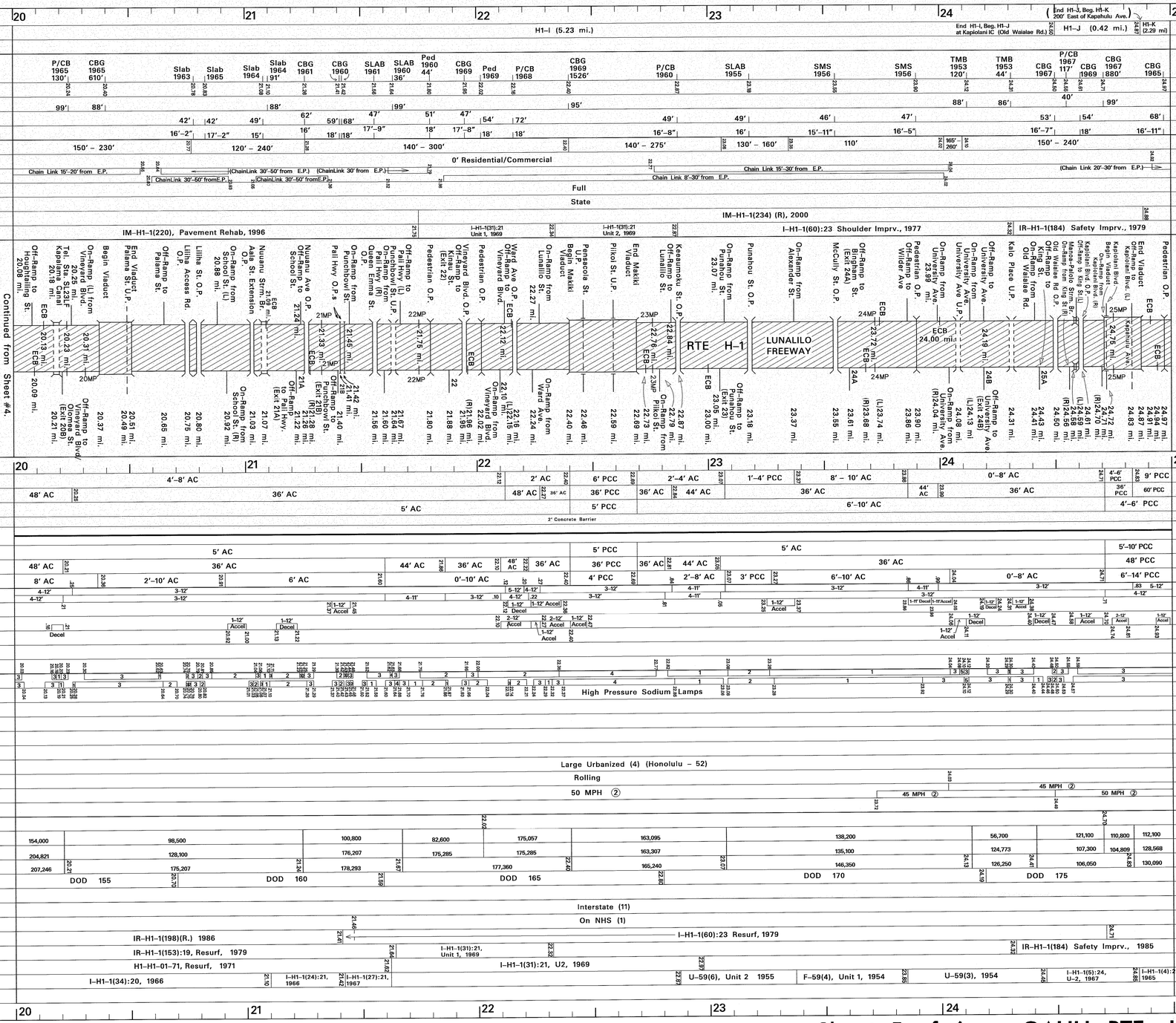
Divided Highway — Undivided
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type
- Median: Width and Type
- Median Barrier — LEGEND: Concrete Barrier ——— Zipper Barrier - - - - - M/M Guard Rails |———|
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width 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 — 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
- Curves: Degree of Curvature (Right and Left)
- Zipper Lane/Express Lane
- Grades: % Grade, Positive or Negative
- HOV Lanes/Contra–Flow Lanes
- 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 2009
- HPMS Sections – AADT 2008
- HPMS Sections – AADT 2007
- 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
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.



ROAD INVENTORY

OAHU RTE H–1

LUNALILO FREEWAY

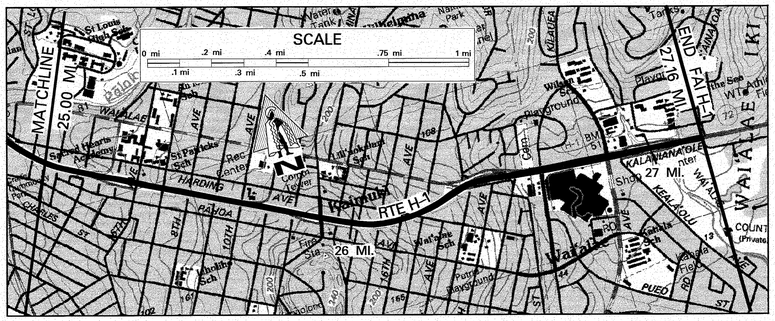
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 25.11 | Slab 1964 25.30 | Slab 1964 25.38 | Slab 1964 65′ 25.56 | Slab 1964 25.90 | Slab 1966 26.10 | CBG 1967 26.20 | P/CB 1968 26.38 | CBG 1967 26.50 | PCTB 1969 2161′ 28.66 | Slab 1968 55′ 28.98 | P/CB 1969 49′ 27.08

Vertical Clearance

99′ | 47′ | 99′ | 99′

Horizontal Clearance

Structure Over Road

Vertical Clearance

60′ | 61′ | 60′ | 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′ | 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. 25.53 | Stone Wall 20' from E.P. 25.80 | Stone Wall 20' from E.P. 25.82 | (Wall 20' from E.P.) 26.32 | (Stone Wall 15' from E.P.) 27.05

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

Full

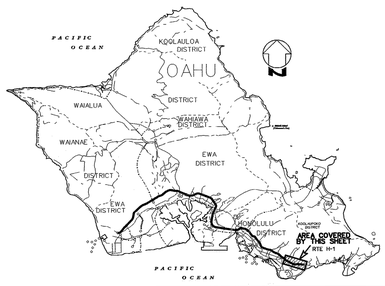
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

State

Project No., Type of Construction, and Year Constructed

IR–H1–1(184), Safety Imprv., 1985 | IR–H1–1(197), Safety Imprv., 1986 | 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 5th Ave. (L) / On-Ramp from Pedestrian O.P. 25.15 mi. 25B | On-Ramp from 6th Ave (R) / Off-Ramp to 5th Ave. (L) 25.30 mi. | 6th Ave O.P. 25.38 mi. | 7th Ave O.P. 25.55 mi. | 10th Ave U.P. 25.65 mi. | On-Ramp from 11th Ave. (R) / Off-Ramp to Koko Head Ave. (R) 25.73 mi. 26A | ECB 26MP 25.76 mi. | ECP 25.90 mi. | Koko Head Ave. O.P. 25.98 mi. | RTE H–1 LUNALILO FREEWAY | Off-Ramp to Harding Ave. (R) / Waialae Ave. (L) 26.24 mi. | 16th Ave O.P. 26.33 mi. | On-Ramp from Waialae Ave. (R) / Pedestrian O.P. 26.38 mi. | Off-Ramp to Waialae Ave. (L) 26.40 mi. 28B | On-Ramp from Waialae Ave. (L) (R)26.49 mi. | Beg Waialae Viaduct (L)26.55 mi. | Hunakai St. 26.57 mi. | 21st Ave. 26.65 mi. | 27MP | Kliuea Ave. 26.74 mi. | End Waialae Viaduct 26.86 mi. | Waialae–Nui Br. 26.93 mi. | Off-Ramp to Waialae Ave. 26.98 mi. | Kapakahi St. 27.05 mi. | On-Ramp from Waialae Ave. 27.08 mi. | End RTE H–1 on Kalanianaole Hwy. at the West edge of Kalanianaole Ave. 27.16 mi. (same as End RTE 72). 27.4 MP

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

60′ PCC 25.13 | 48′ PCC 25.65 | 36′ PCC 26.80 | 36′ AC 27.08

Pavement: Width and Type

5′ PCC 25.80 | 3′ PCC 5′–10′ AC 27.08 | 0′

Shoulder: Width and Type

2′ Concrete Barrier | Double Conc. Barrier w/ Rails + 10′ Gap | Metal Guardrails (4′ Raised AC) 27.07

Median: Width and Type

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

9′ PCC 26.21 | 2′–4′ AC 26.36 | 9′ PCC 26.93 | 2′–6′ AC

4′–6′ PCC 26.89 | 8′ AC 27.07 | 0′

Undivided

Shoulder: Width and Type

48′ PCC 25.73 | 36′ PCC 36′ AC

Pavement: Width and Type

25.15 | 9′ PCC 26.93 | 0′–6′ AC

Shoulder: Width and Type

5–12′ | 4–12′ | 4–12′ | 3–12′ | 3–12′ | 1–12′ Accel 26.40 | 1–12′ Accel 26.66 | 1–12′ Decel 26.24 | 26.32 | 26.57 | 26.65 | 1–12′ Accel

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

LL 25.01 | 25.14 | 25.27 | 25.40 | 25.53 | 25.65 | 25.78 | 25.90 | 26.03 | 26.17 | 26.30 | 26.43 | 26.56 | 26.69 | 26.82 | 26.95 | 27.08 | 27.20

RR 25.14 | 25.27 | 25.40 | 25.53 | 25.65 | 25.78 | 25.90 | 26.03 | 26.17 | 26.30 | 26.43 | 26.56 | 26.69 | 26.82 | 26.95 | 27.08 | 27.20

Illumination: Type, Location and Number

High Pressure Sodium Lamps

Curves: Degree of Curvature (Right and Left)

None

Zipper Lane/Express Lane

Grades: % Grade, Positive or Negative

None

HOV Lanes/Contra–Flow Lanes

Area and Development:

Large Urbanized (4) (Honolulu – 52)

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

Rolling

Speed: 1–Design, 2–Posted

45MPH ② 25.09 | 50 MPH ② 25.84 | 50 MPH ② 27.20 | 35 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2009

112,100 | 104,100 | 55,700 | 67,600

HPMS Sections – AADT 2008

128,568 | 105,709 | 86,545 | 68,923

HPMS Sections – AADT 2007

130,090 | 25.15 | 106,960 | 25.73 | 87,570 | 26.24 | 69,739 | 27.16

DOD Sections

DOD 175

Census Tracts

Functional Classification

Interstate (11)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

IR–H1–1(184) Safety Imprv., 1985

26.60 | I–H1–1(6):25, U–3, 1968 | 26.92

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.

ROAD INVENTORY

OAHU ROUTE H2
VETERANS MEMORIAL FREEWAY

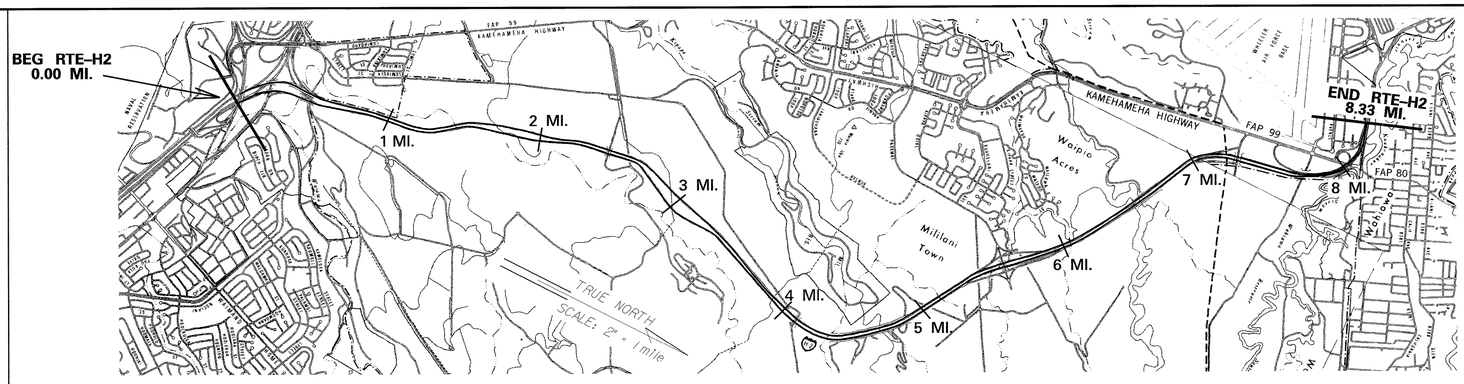
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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' 1976 | 218' 294'

Vertical Clearance

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

Structure Over Road

Horizontal Clearance

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

Vertical Clearance

Horizontal Clearance

225' 330' | 250' - 540' | 200' - 350' | 350' - 550' | 200' - 330' | 200' - 660' | 160' | 400' - 660' | 240' - 460' | 280'-580' | 100' - 450'

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

FULL

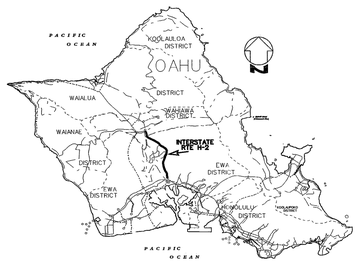
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

STATE

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

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

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 WILIKINA DRIVE AT THE ℄ MON. STA. 42+20 (EDGE OF CONCRETE PAVEMENT). 8.33 MI.

Waiawa I.C. Structure #15 | Waiawa I.C. Structure #15 | Off-ramp to Moanalua 0.95 mi. | Panakauahi Gulch Culvert | Panakauahi Gulch Culvert | Off-ramp to Ka Uka Blvd 2.86 mi. | Off-ramp to Ka Uka Blvd 2.21 mi. | Ka Uka Blvd. | Pineapple Road Separation | Kipapa Stream Bridge | On-ramp from Meheula Pkwy 5.20 mi. | Meheula Prkwy Structure | Off-ramp to Meheula Prkwy 5.93 mi. | Waikakalaua Stream Bridges | On-ramp from Leilehua G.C. Rd 6.92 mi. | Leilehua Golf Course Rd. Separation | Off-ramp to Kam Hwy 7.61 mi. | Bridge #3 7.74 mi. | Bridge #2 7.98 mi. | Off-ramp to Kam Hwy 8.03 mi. | Off-ramp to Kam Hwy 8.30 mi. | On-ramp from Wahiawa 8.24 mi.

Off-ramp from Farrington Hwy 0.06 mi. | On-ramp from Farrington Hwy 0.12 mi. | On-ramp from Waiawa I.C. Structure #8 0.37 mi. | On-ramp from Waiawa I.C. Structure #13 0.63 mi. | On-ramp from H-1 0.83 mi. | Off-ramp to Moanalua (Exit 21) 2.16 mi. | On-ramp from Ka Uka Blvd 2.70 mi. | On-ramp from Ka Uka Blvd 4.02 mi. | Off-ramp to Kipapa Stream 4.63 mi. | Off-ramp to Meheula Prkwy 5.12 mi. | Off-ramp to Mililani Town 5.17 mi. | On-ramp from Meheula Prkwy 5.83 mi. | Off-ramp to Kam Hwy (Exit 22) 6.76 mi. | On-ramp from Kam Hwy 6.69 mi. | Off-ramp to Wahiawa 7.80 mi. | Bridge #4 7.92 mi. | On-ramp from Wahiawa (Exit 7) 8.24 mi. | On-ramp to Kam Hwy 8.30 mi.

1 MP | 2 MP | 3 MP | 4 MP | 5 MP | 6 MP | 7 MP | 8 MP

ECB | LCB

0.06 mi. | 0.37 mi. | 0.63 mi. | 0.83 mi. | 1.26 mi. | 1.20 mi. | 1.47 mi. | 1.70 mi. | 2.16 mi. | 2.46 mi. | 2.70 mi. | 3.15 mi. | 3.32 mi. | 3.50 mi. | 4.02 mi. | 4.14 mi. | 4.48 mi. | 4.50 mi. | 4.86 mi. | 4.95 mi. | 5.17 mi. | 5.46 mi. | 5.52 mi. | 5.83 mi. | 6.29 mi. | 6.45 mi. | 6.50 mi. | 6.69 mi. | 6.76 mi. | 7.04 mi. | 7.25 mi. | 7.50 mi. | 7.80 mi. | 7.92 mi. | 8.03 mi. | 8.24 mi.

SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

3' AC | 4' PCC | 10' PCC | 10' AC | 10' PCC | 10' AC | 10' PCC | 10' AC | 10' PCC | 10' AC | 10' PCC | 10' AC | 10' AC

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

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 | 4' AC | 4' AC | 0' | (5' PCC) | (6' PCC)

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 | 2' Conc Barrier, 13' Conc Gutter | 32' Dirt w/6' Conc Gutter | 32' Dirt w/6' AC Gutter & M/M Guard Rails (25' Conc Barrier) | 15' Grass | DI | CRS | Chainlink Fence/ 16' AC 16' Grass

4' AC | 4'PCC w/ Conc. Barr.) | 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'

24' AC | 24' PCC | 36' PCC | 48' PCC | 50' PCC | 48' PCC | 48' PCC | 50' PCC | 48' PCC | 44' PCC | 44' PCC | 48' PCC | 36' PCC | (TAPER: 36' - 24') | 24' PCC | (6' PCC) | (10' PCC)

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

Number of Traffic Lanes

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

(Right Side)

(3-12', 1-14' HOV) | 3-12' | 4-12' | 4-11' | 3-12', 1-14' HOV | 4-12' | 4-11' | 3-11' | 2-12' | 6.37' | (3-2)-12'

3-12' | 3-12', 1-14' HOV | 4-12' | 1-12' Decel | 1-12' Accel | 2-12' Accel | 1-12' Accel | 2-12'

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

LARGE URBANIZED (4) (Honolulu - 52)

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

ROLLING (2)

Speed: 1–Design, 2–Posted

55 MPH (2)

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

(90,219) | 69,300 | 90,219 | 90,219 | 90,219 | 39,400 | 86,335 | 86,335 | 86,400 | 86,335 | 86,335 | 64,902 | 39,700 | 35,800 | 52,157 | 18,500

100,371 | 90,336 | 90,336 | 90,336 | 92,287 | 86,447 | 86,447 | 86,447 | 86,447 | 86,447 | 64,986 | 59,766 | 52,805 | 52,225 | 23,473

101,559 | (90,336) | 91,405 | 93,380 | 87,470 | 87,470 | 65,755 | 60,474 | 53,430 | 52,843 | 23,751

DOD 435 | DOD 440

HPMS Sections – AADT 2009

HPMS Sections – AADT 2008

HPMS Sections – AADT 2007

DOD Sections

Census Tracts

Functional Classification

INTERSTATE (11)

On NHS (1)

National Highway System (NHS)

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-H2-1(10):6, 1976 WAIKAKAKAUA BR.

TRANSITIONS COVERED BY ADJACENT PROJECTS

I-H1-1(46):8 1975 | STA 429+69 | I-H2-1(12):0 1975 | STA 348+00 STA 346+10 | I-H2-1(9):4 KIPAPA BR. | STA 225+21 | STA 223+00 | I-H2-1(7):4, PH 1, 1976 | STA 141+00 | STA 139+95 | STA 128+95 | I-H2-1(8):6, PH 1 1976 | STA 88+00 | I-H2-1(11):7, PH 1 1976 | STA 42+20

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.

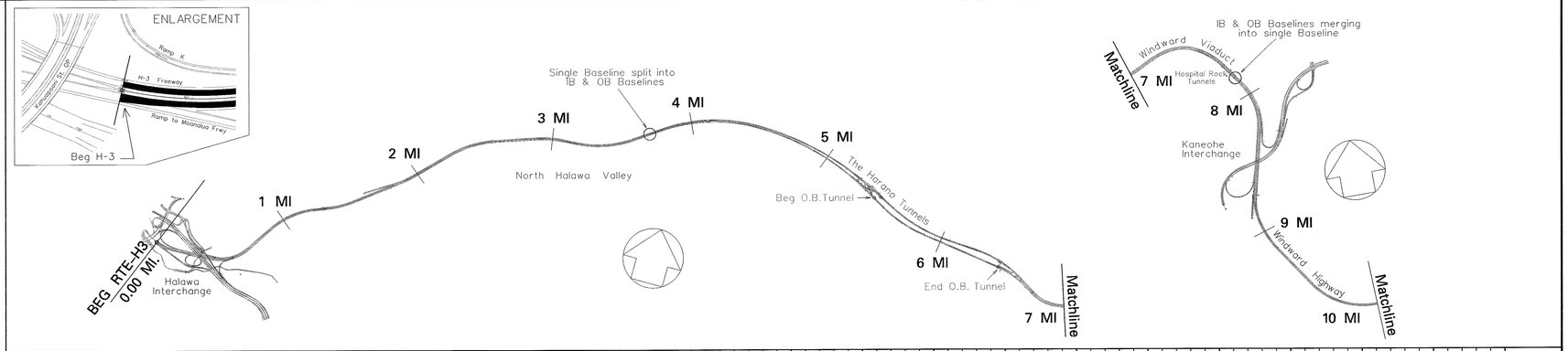
ROAD INVENTORY
OAHU RTE – H3
JOHN A. BURNS FREEWAY

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
*



SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

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
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
Cont prestressed Conc I-Girder, HS-20, 1991
351' 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' 185' 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
State

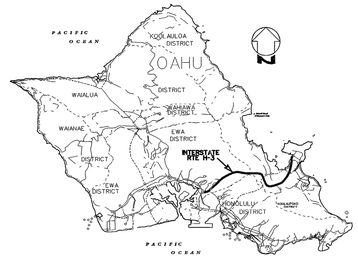
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

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

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

Beg RTE-H3 at the connection with H-1 Fwy @ baseline Sta 252+33.08 (surveyor's pin on median shldr.) 0.00 mi.

RTE H–3 John A. Burns Freeway

Indicates Grass & / or Physical Barrier on Median.

On-Ramp from Halawa Valley & Beg Halawa Viaduct 0.48 mi.
Off-ramp to Moanalua Fwy.
Moanalua Fwy. O.P.
Halawa Lt. Rail Station
Off-Ramp to Red Hill
End Halawa Viaduct
N. Halawa Valley Bridge #2
Old Access Rd.
N. Halawa Valley Bridge #1
"HAR" Station
N. Halawa Valley Bridge #3
Emergency Escape Ramp
N. Halawa Valley Bridge #4
N. Halawa Valley Bridge #5
N. Halawa Valley Bridge #6
N. Halawa Valley Bridge #7
Beg N. Halawa Valley Viaduct
On-ramp 5.28 mi.
End I.B. 5.47 mi.
On-ramp 5.34 mi.
Beg I.B. 5.47 mi.
End Windward Viaduct
Beg Windward Viaduct
Hospital Rock Tunnels
End Windward Viaduct
On-Ramp from Likelike Hwy
Luluku Interchange Bridge 6.28 Mi.
Off-Ramp to Likelike Hwy (EAR 8)
On-Ramp from Likelike Hwy
Emrg. Escape Ramp
Kuioi Stream Bridge
Off-Ramp from Alaa
Off-ramp to Iwilei (Short 16)
Variable message Electronic Signs
End O.B. N. Halawa Valley Viaduct 5.28 Mi.
Beg "The Harano Tunnels" (@ Pav't joint before ceramic tile wall)
Harano Tunnels Emergency Bridge
End "The Harano Tunnels" (@ ceramic tile wall)
End O.B. 6.47 mi.

ROUTE CONTINUED ON SHEET #2

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Divided Highway

Undivided

Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type
Median: Width and Type
Median Barriers:
Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type

10' AC 24' AC 10' AC 4' AC
10' PCC 24' PCC 4' PCC
8' Conc Barrier 2' – 4' Conc Barrier 2' Conc Barrier 6' OPENING 4'–12' Grass OPENING VARIES "The Harano Tunnels" OPENING VARIES M/M guardrail 4'–25' Grass OPENING VARIES
(Median Crossover Guardrail, 1.78 mi.)
10' AC 6' AC 24' AC 10' AC
10' PCC 24' PCC 10' PCC
10' –12' PCC 4' PCC 36' PCC 4'–6" PCC
12' Decel Lanes 12' Accel Lanes 4 – 12' Accel. lanes from Tunnel Com. Cntr. 12' PCC/AC Crossover Lanes 3 – 12' 2 – 12' 12' Decel lane

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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

Speed: 1–Design, 2–Posted

Large Urbanized (4) (Honolulu – 52)
Rural (1) Mountainous
Small Urbanized (3) (Kaneohe/Kailua – 320) Rolling
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 2009

22,700 34,000 46,500 47,254 47,155 47,155 26,300

HPMS Sections – AADT 2008

27,797 48,683 47,316 47,316 47,216 47,216 24,900

HPMS Sections – AADT 2007

26,126 49,259 47,775 26,141

DOD Sections

Census Tracts

Functional Classification

INTERSTATE (11) INTERSTATE (1) INTERSTATE (11)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

(Halawa Approach & Tunnels, I-H3-1(64), 1994) (Haiku Approach & Tunnels) (Haiku Valley Bridges, I-H3-1(52), 1991)
(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) (Hospital Rock Tunnels) (Kaneohe Interchange, I-H3-1(72), 1996)
I-H3-1(61), 1991 I-H3-(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, 58), Windward Viaduct, 1994 I-H3-1(53), 1992 I-H3-1(50), Windward Hwy, 1992

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

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.*

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

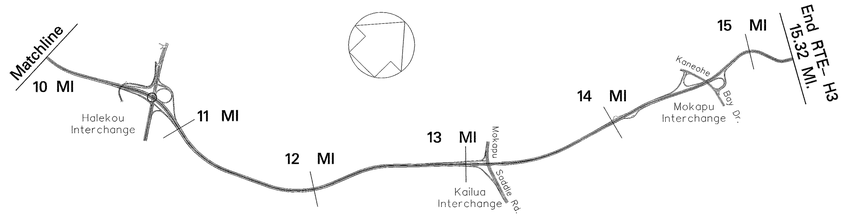
Total Route Length: 15.32 miles

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

10 | 10.46 H3-I (0.55 mi.) 11.01 | H3-J (1.84 mi.) 12.85 | H3-K (0.50) 13.35 | H3-L (0.99 mi.) 14.34 | 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' | 7 Cont. Conc. Box Girder, HS-20, 1967 — 151' — 43' Culvert, HS-20, 1967

Vertical Clearance

52' 8" — 40' 8" | 40' — 41' | 40' | 109' — 22'

Structure Over Road

Horizontal Clearance

16' 6" | 130'

Vertical Clearance

Horizontal Clearance

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

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

Available Right of Way (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)

490+04 State 745+17.05

Project No., Type of Construction, and Year Constructed

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

Telemetry Sta. 41T | Off-ramp to Kam Hwy (10.29 mi.) | On-ramp from Kam Hwy | Service Road O.P. | H-3 Kamehameha Hwy Separation | Culvert | Off-ramp to Kam Hwy (10.29 mi.) | On-ramp "G" from Kam Hwy (11.01 mi.) | Kapaa Quarry Separation #2 | Kapaa Quarry Separation #1 | Off-Ramp K-1 (Exit 14) | On-ramp K-2 | Kailua Separation | Exit ramp Lookout | On-Ramp M-2 | Off-Ramp M-1 Mokapu Separation & On-ramp H-3 (Exit 15) | On-Ramp M-4 | Culvert

RTE H3

JOHN A. BURNS FREEWAY

Indicates Grass & / or Physical Barrier on Median.

Exit to Kaneohe Bay Lookout | Exit from Lookout

End Route – I-H3 @ sta. 745+68.26' Northeast of centerline box culvert 15.32 mi.

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

Median Barriers:

Shoulder: Width and Type

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

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' Accel Lns. | All 12' Accel/Decel 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

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:

Small Urbanized (3) (Kaneohe/Kailua – 320)

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

Rolling | Mountainous | Flat

Speed: 1–Design, 2–Posted

55 MPH | 45 MPH(2) | 45 MPH(2) | 35 MPH (3)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

26,300 | 14,800 | 23,629 | 7,500 | 6,900 | 9,200

HPMS Sections – AADT 2009

24,900 | 23,660 | 23,660 | 11,978 | 11,978 | 12,976

HPMS Sections – AADT 2008

26,141 | 23,940 | 12,120 | 13,130

HPMS Sections – AADT 2007

DOD Sections

Census Tracts

Interstate (11)

Functional Classification

On NHS (1)

National Highway System (NHS)

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 12.12 (I-H3-1(6):12, 1977) | I-H3-1(2&23):11, 1974 13.13 | I-H3-1(8):14 & I-H3-1(2):8, 1975 | (I-H3-1(7):13 & I-H3-1(2):8, 1975)

Previous Projects: Project No., Date and Limits

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.

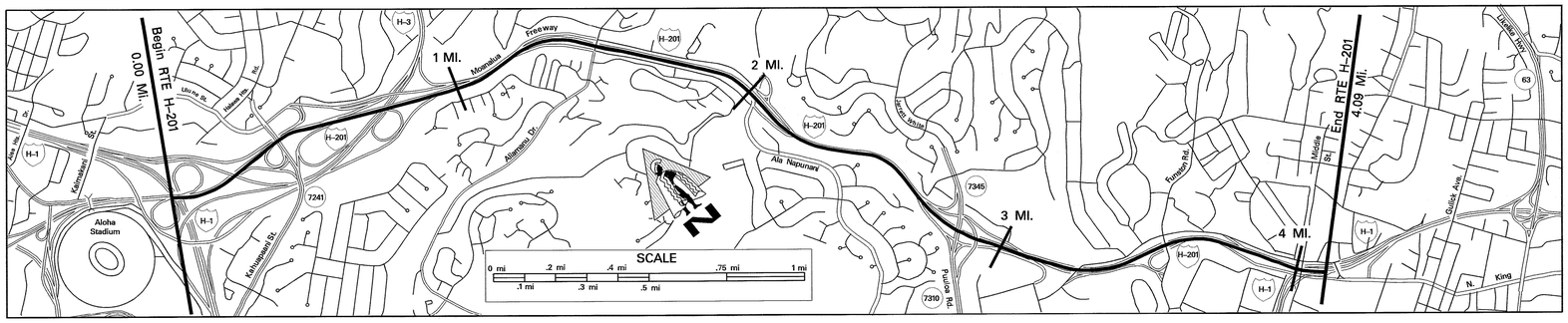
ROAD INVENTORY
OAHU RTE H–201
MOANALUA FREEWAY

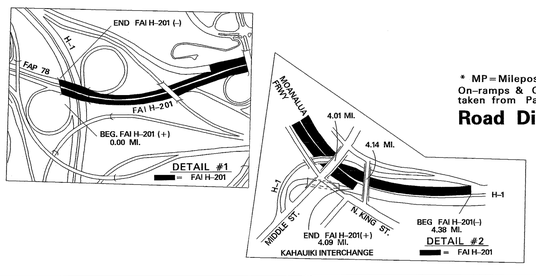
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

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

Divided Highway
- Median: Width and Type
- Median Barriers: —— = Conc. 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 — All Guardrails, Metal Rails on Metal Posts Unless Otherwise Noted.
- Illumination: Type, Location and Number
- Curves: Degree of Curvature (Right and Left)
- ~~Superelevation (Range)~~ HOV Lane
- Grades: % Grade, Positive or Negative
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development:
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- Speed: 1–Design, 2–Posted
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Stations (Current Year)
- HPMS Sections – AADT 2009
- HPMS Sections – AADT 2008
- HPMS Sections – AADT 2007
- DOD Sections
- Census Tracts
- Functional Classification
- National Highway System (NHS)
- Previous Projects: Project No., Date and Limits

Date Released
Feb 2004, D.B.

Revised	
Aug. 04	*D.B.*
6/06	*D.B.*
Aug. 10	*D.B.*

SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY

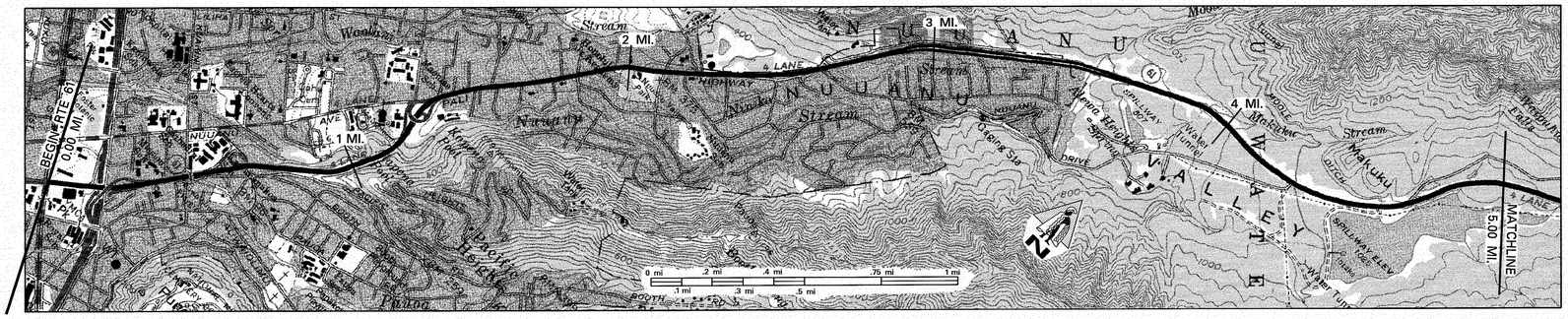
OAHU RTE 61
PALI HIGHWAY

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
Waiawa
Waimalu
Nuuanu
Moanalua
Stream
Makalii Hwy.
4 LANE HIGHWAY
Nimitz Hwy.
Kamehameha Hwy.
Kaonohi St.
Kaahumanu St.
Moanalua Fwy.
Nuuanu Pali Dr.
Nuuanu Pali Lookout
Pali Hwy.
Waiawa Rd.
Waimalu Dr.
Kaonohi Center
Pearlridge Ctr.
Aiea Heights Dr.
Aiea Heights
Halawa Valley St. Park
Makaleha Mts.
Koolau Mts.
Waiawa Stream
Waimalu Stream
Kalauao Stream
Halawa Stream
Makaiwa Stream
Makaiwa Hills
Kalauao Gulch
Waiawa Gulch
Waimalu Gulch
Kalauao Spring
Waiawa Spring
Waimalu Spring
Halawa Spring
Kaonohi Spring
Waiawa Tunnel
Waimalu Tunnel
Halawa Tunnel
Nuuanu Tunnel
Nuuanu Pali Tunnel
Nuuanu Pali Tunnel Exits
Nuuanu Pali Tunnel Entrance
Nuuanu Pali Lookout
Nuuanu Pali Dr.
Nuuanu Pali Dr. Exits
Nuuanu Pali Dr. Entrance
Nuuanu Pali Dr. Tunnel
Nuuanu Pali Dr. Overpass
Nuuanu Pali Dr. Underpass
Nuuanu Pali Dr. Bridge
Nuuanu Pali Dr. Culvert
Nuuanu Pali Dr. Gore
Nuuanu Pali Dr. Ramp
Nuuanu Pali Dr. Interchange
Nuuanu Pali Dr. Intersection
Nuuanu Pali Dr. Junction
Nuuanu Pali Dr. Crossing

ROAD INVENTORY

OAHU RTE 61

PALI HWY. – KALANIANAOLE HWY. – KAILUA RD.

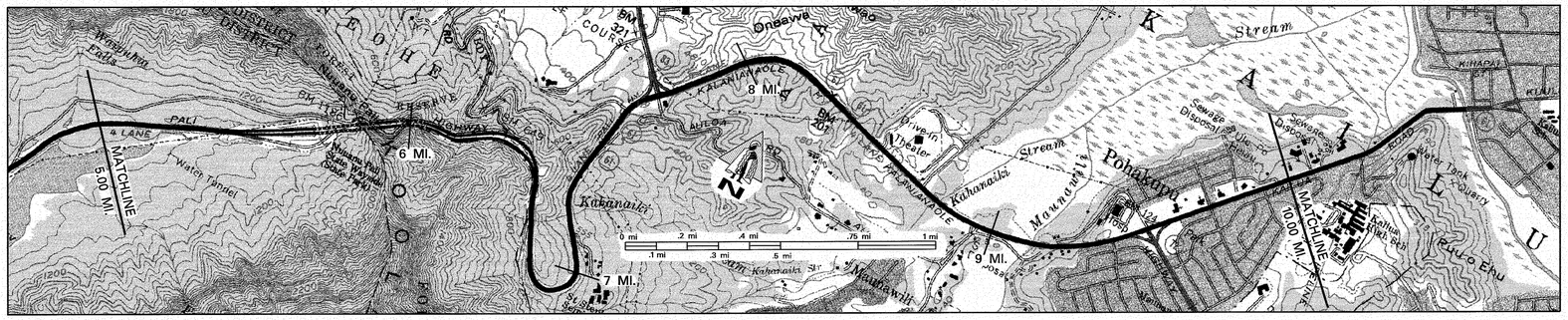
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 _____


MATCHLINE
5.00 MI.
6 MI.
7 MI.
8 MI.
9 MI.
MATCHLINE
10.00 MI.
PALI
4 LANE
KALANIANAOLE
KAILUA
Watch Tunnel
Nuuanu Pali State Wayside
Nuuanu Pali Lookout
Kaneohe Bay Drive
Kaneohe Bay Drive
Kaneohe Marine Corp Base
Kaneohe Marine Corp Air Station
Kaneohe Sewage Treatment Plant
Kaneohe Sewage Disposal
Kaneohe Sewage Disposal
Kaneohe Ranch
Kaneohe Ranch Rd.
Waiahole Ditch
Waiahole Ditch
Waiahole Ditch
Kahanaiki
Kahanaiki
Maunawili
Pohakupu
Pohakupu
Stream
Stream
Stream

ROAD INVENTORY

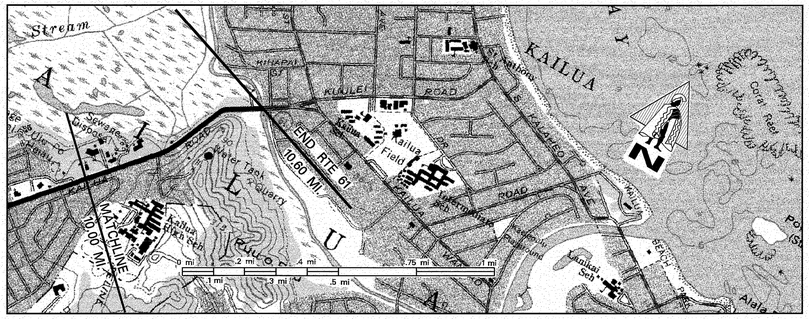
OAHU RTE 61
KAILUA ROAD

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: 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

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: 25' | 25'
- Horizontal Clearance

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 | Partial (Ancored Wire Mesh)
- Control of Access: 1–None, 2–Partial, 3–Full: State
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 344+00 | 363+51.10
- Project No., Type of Construction, and Year Constructed: (61D-02-06, Landslide Mitigation, 2007)
- Project No., Type of Construction, and Year Constructed: 344+95.74 | 362+02.47 (61D-01-06, Temporary Lanes for Landslide, 2006)

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2

Hanale Pl. | Private Rd. | Kawainui Br.

KAILUA RD.
Sta C40C
10.59 mi.
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

Divided Highway – Undivided
- Shoulder: Width and Type 9.50 mi. – 10.60 mi. (5' Bike Lane Included In Shoulder Width).: 7' AC | 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 (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 | 1.5' AC (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
- (Right Side): 36' U-Turn Only
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left): 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.)
- 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: Small Urbanized (3) (Kaneohe/Kailua – 320)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling | Rolling | Mountainous (Rolling)
- Speed: 1–Design, 2–Posted: 35 MPH (2) | 25 MPH (2) (Not Posted)
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Stations (Current Year): B72 0061 00950
- HPMS Section – AADT 2009: 28,100
- HPMS Section – AADT 2008: 32,647
- HPMS Section – AADT 2007: 32,725 | 30,705
- 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 (14)
- National Highway System (NHS): Not on NHS (0)
- Previous Projects: Project No., Date and Limits: 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

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.

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

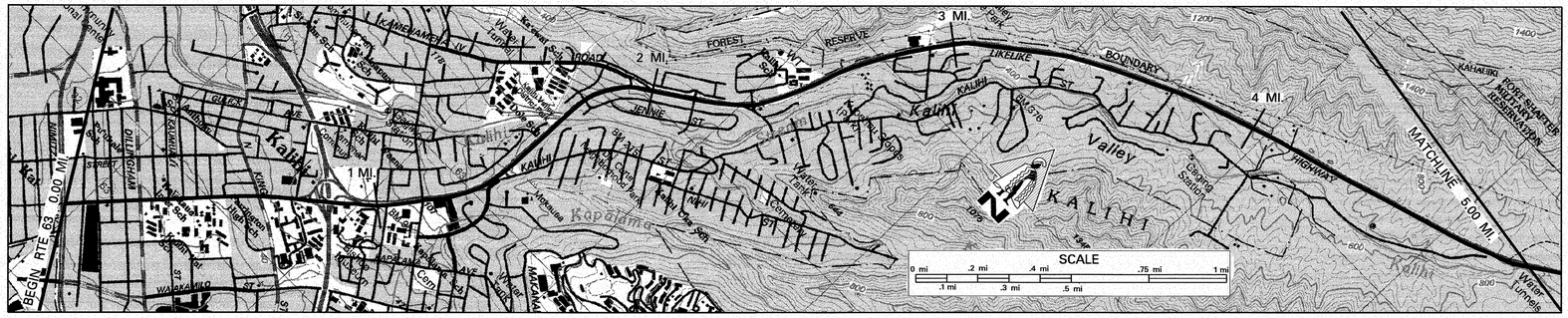
Total Route Length: 8.28 **MILES**

a. Survey Length: 8.28 **MILES**

b. Proposed Length: 0.00 **MILES**

c. Other Length: * 0.00 **MILES**

*



SCALE: (In Miles) 4" = 1 mile

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)

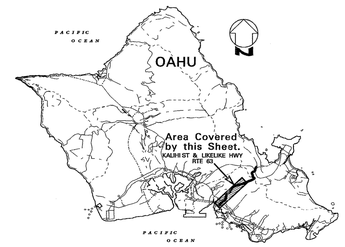
Right of Way Fence: Type – Right and Left (FP=From Pavement) — 5' FP | 8' FP | 20' FP | 8'-10' FP | 25'-50' FP

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 North edge of pavement of Nimitz Highway (Rte 92) 0.00 mi.

Kahekanui St. 0.01 mi. | Hart St. 0.05 mi. | Kalani St. 0.10 mi. | Hau St. 0.15 mi. | Colburn St. 0.19 mi. | Dillingham Blvd. 0.24 mi. | Eluwene St. 0.29 mi. | Kaumuali St. 0.33 mi. | Ahuula St. 0.38 mi. | Kahanu St. 0.42 mi. | Akina St. 0.47 mi. | Ashford St. 0.51 mi. | King St. 0.55 mi. | Rt. to Kamehameha Homes | Day Pl. 0.67 mi. | Ramp to H1 0.75 mi. | Ramp from H1 0.84 mi. | Ramp to H1 0.84 mi. | Ramp from H1 0.95 mi. | Kalihi Interchange 0.92 mi. | Ramp to H1 0.88 mi. | H1 Overpass 0.92 mi. | Begin Divided 0.74 mi. | Fernandez St 0.82 mi. | Rd. to Bishop Museum | School St. 0.99 mi. | Kalihi St. Access 1.03 mi. | Kalihi St. 1.15 mi. | Barrace St. 1.15 mi. | Gulick Ave. 1.28 mi. | Kalihi Str. Br. 1.42 mi. | Kono St. 1.58 mi. | Kam IV Access Rd. 1.66 mi. | Kam IV 1.77 mi. | Alu St. 1.94 mi. | Wilson St. 1.94 mi. | Pedestrian O.P. Kula Kolea Dr. 2.01 mi. | Nalanieha St. 2.14 mi. | Emmeline Pl. 2.34 mi. | Rd. to Testing Lab 2.67 mi. | Runaway Truck Ramp 2.88 mi. | Talamaitu Gulch 2.93 mi. | Valley View Dr. 2.98 mi. | EOB 3.99 mi. | Bannister O.P. (Hwy U.P.) 4.18 mi. | EOB 4.84 mi. | 5.00 mi.

Sta. 201 0.00 mi. — KALIHI STREET — Sta. 223 0.24 mi.

Sta. 207 0.62 mi. — Sta. H1-20B 0.75 mi. — Sta. H1-20A 0.84 mi. — Sta. H1-20E 0.88 mi. — Sta. H1-20F 0.95 mi. — 1 MP 1.01 mi. — Sta. 210 1.15 mi. — Sta. 2105 1.28 mi. — Sta. SL 14 1.66 mi. — 2 MP 1.98 mi. — Sta. 230 2.33 mi. — Sta. 231 1.94 mi. — Sta. 2105 2.38 mi. — Sta. 223 2.98 mi. — 3 MP 2.99 mi. — 4 MP — LIKELIKE HIGHWAY

Continued on Sheet 2

SCALE: (In Miles) 4" = 1 mile

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 | 36' AC | 48' AC | 33' AC | 22' AC | 24' AC

Shoulder: Width and Type — 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 | 2' Steel Barriers | 2' AC Curb | 2' Concrete Barriers

Median Barriers: —x—x—x— =Chain Link |—| =Guardrail ═══ =2' Concrete Barrier w/ Glare Screen — w/o 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 — (1–14' 1–10') | 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' 2–12' | 3–12' | 4–12' | 3–11' | 2–11' 2.38 | 2–11' 2.62 | 2–12' | 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 10' | 12' | 10' | 11' TL

(Right Side) — 10' | 12' | 10' | 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) — 2' Conc. C.&G. | Conc. Curb | 10' Conc. S.W. | 4' Conc. | (2' Conc. G.) | 4' Conc. | 3' B.P. | 6' B.P. | Conc. Curb | 2' Conc. C.&G. | 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: — Large Urbanized (4) (Honolulu – 52)

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

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 | 3 Phase | 2 Phase

Traffic Stations (Current Year) — B72 0063 00000 | B72 0063 00024 | B72 0063 00021 | B72 0063 00074 | B72 0063 00085 | B72 0063 00088 | B72 0063 00095 | B72 0063 00115 | B72 0063 00128 | B72 0063 00142 | B72 0063 00238

HPMS Sections – AADT 2009 — 11,400 | 12,900 | (20,126) (23,100) | (11,877) 10,600 | 46,300 | 56,656 | 39,600 | 36,934 | 33,208 | 26,700

HPMS Sections – AADT 2008 — 11,991 | 14,815 | (20,152) | (11,892) 11,892 | 40,004 | 56,730 | 36,982 | 36,982 | 33,251 | 27,814

HPMS Sections – AADT 2007 — 12,020 | 14,850 | 20,200 | 11,920 | 40,100 | 56,865 | 37,070 | 33,330 | 31,715 | 31,715 | 27,880 | 29,795

DOD Sections — DOD 475 | DOD 480

Census Tracts

Functional Classification — Minor Arterial (16) | Principal Arterial (14) | Freeway & Expressway (Connecting Link) (12)

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–02–68, 1970 | 63A–01–67 (R), 1967 | 63A–03–76M (Resurface) 1976 | 63A–08–70 (Resurface) 1970 | 63A–01–74, 1974 | US–0630(2), 1958 | US–S–0630(1), 1956 | S–0630–(3), 1958

SCALE: (In Miles) 4" = 1 mile

Date Released
Feb 2001, D.B.
Revised
Mar. 04 *D.B.*
6/06 *D.B.*
Aug. 10 *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

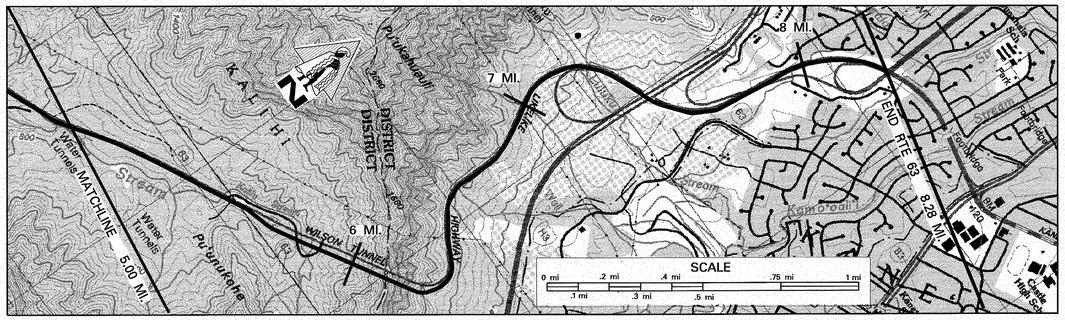
Total Route Length: 8.28 **MILES**

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' (5.33) | 160' (6.28) | 120' (7.23) | 150' – 180'

Available Right of Way Width (Needs Study)
- Mountainous (Banana Patches & Forest Reserve)

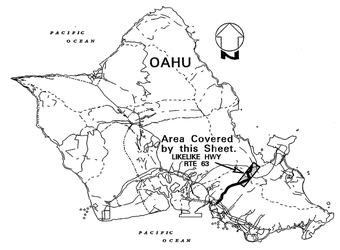
Right of Way Fence: Type – Right and Left
- (7.53) (Chainlink) (7.46) | Chainlink (7.95) (8.27)

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
- 238+00 (5.08) STP-063-1(22), Wilson Tunnel Imp., 2006 (6.28) 1+02 (I.B.) (O.B.) HWY-O-06M, Resurf., 2007 53+70

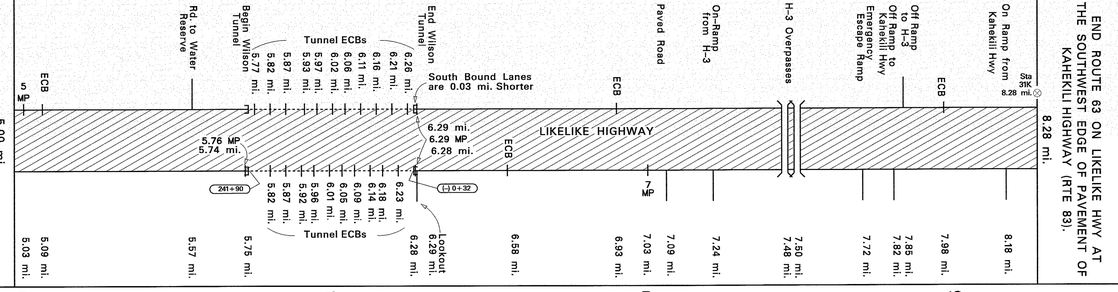
Project No., Type of Construction, and Year Constructed
- CM-STP-063-1(21), Resurf., 2003 (5.75) (6.33) 2+40 63A-01-89M, (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type
- 8'–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 (6.92) | 4'–6' AC (7.33) | 8'–10' AC

Divided Highway – Divided

Median: Width and Type
- 2' Concrete Barriers | 4'–40' Grass | Tunnels (20' Grass) (6.30) (6.35) | 4' Concrete & Steel Barrier

Median Barriers: ⊢⊣ = Guardrail ▬▬ = Concrete Barrier ◆ = Terminal Impact Attenuator

Shoulder: Width and Type
- 4'–6' AC (5.72) | 0 (6.28) | 2'–4' AC (6.88) | 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 (6.38) | 8' Grass (6.53) | 2'–4' AC (7.02) | 8'–10' AC

Number of Traffic Lanes
- 2–11' / 2–12' (5.38) | 4–12' | 2–12' / 3–12' (7.25) (7.37) | 4–12' (8.18) | 2–12' / 3–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- 7.85

(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) — MCC = Mountable Conc. Curb
- MCC | Conc. G. | Conc. Curb (6.28) | MCC | MCC | MCC | Conc. Gutter | AC Gutter | AC Gutter | AC Gutter | AC Gutter | AC Gutter

Protective Devices: Type, Location and Number — Metal on Metal unless otherwise noted
- 5.12 | 5.29 | SHOR-TAC | Conc. (5.75) | (Conc.) (6.28) (6.35) | (Conc.) (7.10) (7.27) | (Conc.) (7.72) (7.77) | (8.13) (8.21)

Illumination: Type, Location and Number
- from 2.93 mi. 148 HPS (5.39) | M.V. | S.V. (6.28) | Sodium Vapor (L) &(R)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Large Urbanized (4) (Honolulu – 52) (6.29) | Small Urbanized (3) (Kaneohe/Kailua – 320)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- (2) Rolling (5.50) | (3) Mountainous | (2) Rolling (7.70)

Speed: 1–Design, 2–Posted
- 45 MPH (2) | 35 MPH (2) (6.43) | 45 MPH (2) (7.23)

Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Lights (7.94) (B72 0063 00818)

Traffic Stations (Current Year)
- B72 0063 00238 | B72 0063 00575 | B72 0063 00628 | B72 0063 00723 | B72 0063 00782

HPMS Sections – AADT 2009
- 26,700 | 29,685 | 29,685 | 38,443 | 30,443 | 27,900

HPMS Sections – AADT 2008
- 27,814 | 29,724 | 29,724 | 38,493 | 38,493 | 42,319 (8.28)

HPMS Sections – AADT 2007
- 29,795 | 38,585 | 42,420

DOD Sections
- (5.75) (6.28) DOD 480 (7.24) (7.92) (8.18)

Census Tracts

Functional Classification
- Freeway & Expressway (Conn. Link) (12)

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-03-76M (Resurface) 1976 (6.34) | FR-0300(11) (Resurface) 1981 (7.33)
- 63A-08-70, (R) 1970 (5.21) | 630A-03-68, 1968 (6.32) (6.35) | U.S.-3-0630(4), 1955 (7.30)
- S-0630-1(3), 1958 (5.35) | County Job #26-53

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.

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

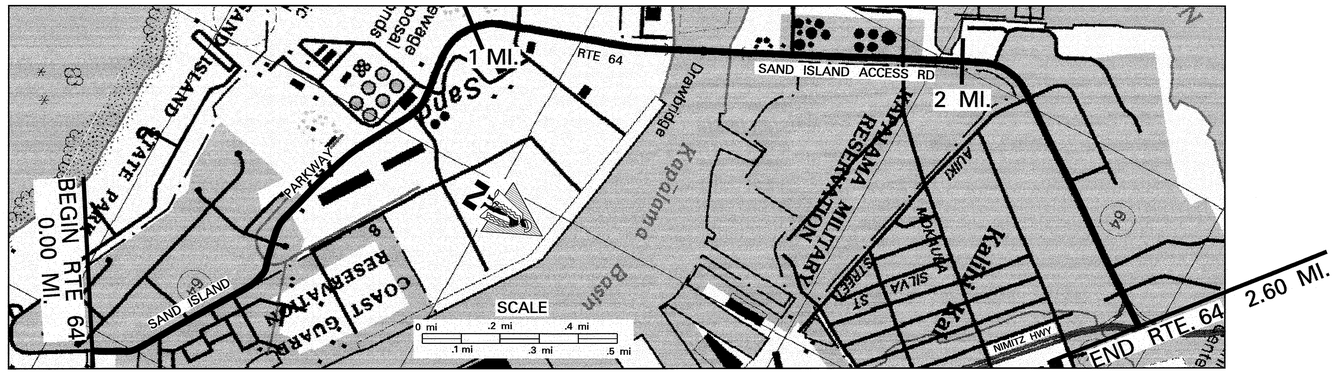
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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 Phase

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study): Industrial Area

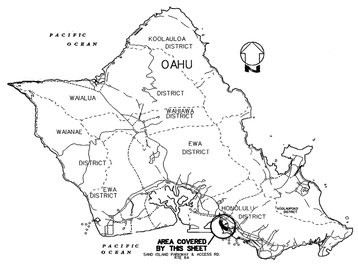
Right of Way Fence: Type – Right and Left (Footage is the Distance of Fence from Pavement.)
Hollow Tile 8' | Chain Link 8' | Chain Link 15'–20' | Chain Link 15'–20' | (Chain Link 20')
C.L. 8' | Chain Link 6' | Chain Link 8' | Chain Link 10' | Chain Link 4' | Chain Link 15'–20' | Chain Link 15'–20'

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 | STA 52+98 | NH-064-1(8), 2005 Bascule Br. Deck Replacement | (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

0.00 mi. BEGIN RTE 64 ON SAND ISLAND PARKWAY 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) 0.68 mi. | Begin Divided Hwy 0.74 mi. | Sewage Treatment Plant Ent. 0.82 mi. | Gate (#1) Piers 51B, 52, 53 0.87 mi. | Road (R) 1.10 mi. | Road "A" (Marine Ed Cntr (Pier 51A)) (L) 1.21 mi. | Truck Off-load Area (Gated Rd.) 1.23 mi. | Access to T.W.S. 1.26 mi. | Access from T.W.S. 1.32 mi. | Begin Bascule Bridge 1.36 mi. | Paved Road (R) 1.40 mi. | End Bascule Bridge 1.53 mi. | Keehi Boat Harbor Access Rd. (L) 1.64 mi. | Ent. to "One Sand Island Rd." (UH Marine Ctr.) (R) 1.66 mi. | Road #2 1.86 mi. | End Divided Hwy 1.96 mi. | Begin Divided Hwy & Paved Road 2.02 mi. | Pahounui Dr. (L) Auiki St. (R) 2.12 mi. | Kailawa St. 2.24 mi. | Pahounui Dr. 2.31 mi. | Hoonee Pl. 2.49 mi. | Spurs (L)&(R) Alaheo 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

Divided Highway – Undivided

Shoulder: Width and Type: 0 (12' AC) | 2' AC | 2' PCC | 2' AC | 0 | 0'–10' AC | 15' Gravel | 15' AC | 2' AC

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

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

Divided Highway

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

Shoulder: Width and Type: 0 | 0

Pavement: Width and Type: 12' AC | 26' AC | 24' AC | 24' PCC | 24' PCC | 24' Steel | 26' PCC | 26' AC | 10'–15' Grs. | 15'–20' AC | 36' AC | 36' PCC

Shoulder: Width and Type: 0 | 2' AC | 0 | 2' PCC | 2' PCC | 2' Steel | 2' PCC | 2' AC | 0 | 6' Bike Lane (AC)

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 8' Bike Lane | 5' Bike Lane | 5' Bike Route | 6' Bike Lane

(Right Side): 8' Bike Lane | (1–11' Accel. Lane) | (Truck Pullover Lane) | (1–12' T.L.) | (1–18') | (1–12' T.L.) | (1–12' T.L.)

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

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

Curb and/or Gutter: Type (Right and Left): 6' Conc. 2' Conc. Curb & Gutter | 4' AC | 10' AC | Conc. Curb | Conc. Curb | Conc. Curb | Conc. Curb | Conc. Curb | (Conc. Curb)

Protective Devices: Type, Location and Number (Note: Metal Rails on Metal Posts Unless Otherwise Noted.): Conc. Curb | Conc. w/ Metal Rail | Conc.

Illumination: Type, Location and Number: 24 HPS Lamps | 12 HPS 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: Large Urbanized (4) (Honolulu – 52)

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

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

Intersection Control Devices: Type, Location and Cycle Timing: Truck U-Turn Traffic Signal | Drawbridge Signal Lights | 3 Phase | 3 Phase Traffic Light | 3 Phase Traffic Light

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 2009: 840 | 4,000 | 8,454 | 9,800 | 12,500 | 16,000 | 23,349

HPMS Sections – AADT 2008: 1,008 | 8,465 | 8,465 | 13,203 | 17,234 | 21,464 | 23,379

HPMS Sections – AADT 2007: 1,010 | 8,485 | 13,235 | 17,275 | 15,760 | 21,515 | 23,435

DOD Sections: DOD 280

Census Tracts: CT 57 | CT 57.99 | CT 59.99 | CT 59

Functional Classification: Principal Arterial (14)

National Highway System (NHS): Not on NHS (0) | 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 1.41 1.54 (64A-01-87M (Rehab) 1988) 2.16 640A-01-74 1974
- Department of Land and Natural Resources
- DAWR 5(1) 1945

SCALE: (In Miles) 4" = 1 mile

Date Released
Feb 2004 D.B.

Revised	
Apr. 04	D.B.
Oct. 04	D.B.
6/06	D.B.
Aug. 10	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

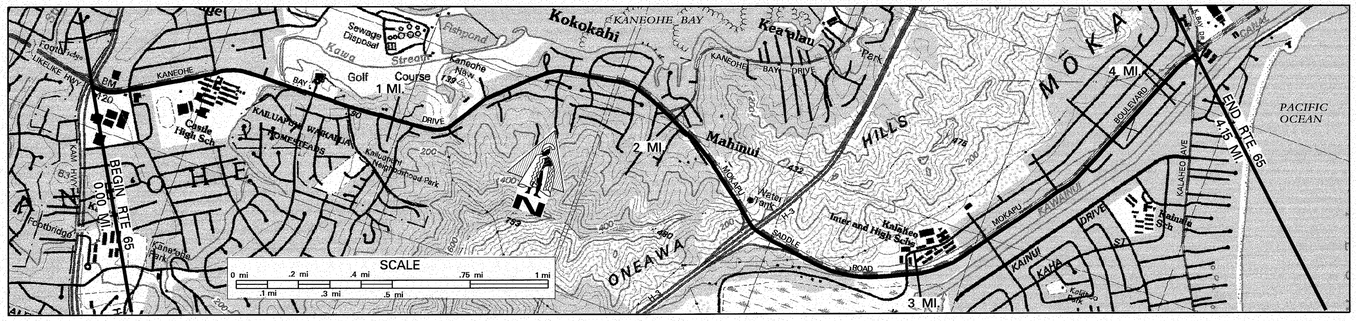
Total Route Length: 4.15 miles

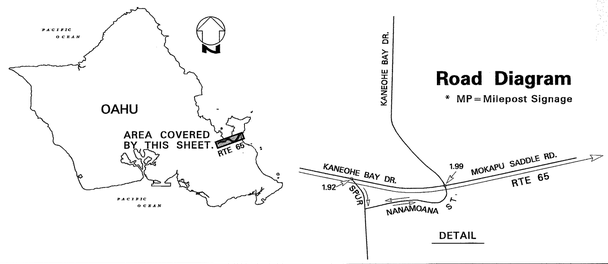
a. Survey Length: 4.15 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

0.00 Beg. 65A – on Kaneohe Bay Dr. 62' NE of NE Edge of Pavement of Kam. Hwy.

65A (1.98 mi.)

1.99 End 65A – Begin 65B on Kaneohe Bay Drive at Nanamoana St. (East Spur).

65B (2.13 mi.)

4.12 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

- 0.05 Slab 1939 – H15 | 23′
- 1.35 Slab 1952 Ped. O.P. | 42′
- 2.45 CBG 1971 Both InB. & OutB. | 169′

Vertical Clearance

- 0.05 39′
- 1.35 16′
- 2.45 18′ (L) & (R) | 53′ (L) | 52′ (R)

Horizontal Clearance

- 0.05 34′
- 1.73 100′ – 155′
- 3.15 145′ – 420′
- 4.12 110′

Streets Over Road

Vertical Clearance

Horizontal Clearance

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

- 0.39 Residential Area
- 2.00 Mountainous
- 2.88 Residential Area

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

- 0.39 0.50 ChainLink 10' from Edge of Pavement
- 2.88 3.16 ChainLink 15'–25' from Edge of Pavement

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

- 0.00 STA 20+00
- 0.65 STA 35+27.70
- 1.83 Partial
- 2.18 State

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

Project No., Type of Construction, and Year Constructed

- 0.34 STP-065-1(9) Improve, 2005
- 0.65 (65A-02-90, 1993 Inter. Impr.) (65A-03-90, 1993 Inter. Impr.)
- 1.10 1.28 65A–01–90M (R) 1991
- 1.50 (65A–01–90M,1991)
- 1.78 65A–01–89 1991
- 1.91 65B–01–01M Shldr., 2002
- 2.18 STP-065-1(7) 2000
- 2.39 H3M–01–90M Resurf., 1992
- 2.87 (STP–065–1(4) Traffic Light 1996)
- 3.02 4.12 65B–01–87M (R) 1987
- (630C–01–74, 1974 (R))

Project No., Type of Construction, and Year Constructed

Begin Rte 65 on Kaneohe Bay Drive at the Northeast edge of pavement of Kam. Hwy (Rte 83).

0.11 mi. Makaleinl St. (L)
0.34 mi. Aumoku St. (R)
0.39 mi. Enr.to Castle High School
0.50 mi. Puohala St.
0.55 mi. Beg Divided Entrance
0.65 mi. End Divided Entrance
0.67 mi. Nohea Pl & Beg Divided
0.73 mi. Kawa St./End Divided
0.83 mi. Begin Divided Hwy
0.84 mi. Makuiele Dr.
0.94 mi. End Divided Hwy
1.06 mi. Keana Rd.
1.12 mi. End Divided Hwy
1.17 mi. Nohonani Pl.
1.28 mi. Namoku St.
1.30 mi. Moakaka Pl.
1.40 mi. Begin Divided Hwy
1.51 mi. End Divided Hwy
1.57 mi. Mihe St.
1.60 mi. Begin Divided Hwy
1.68 mi. End Divided Hwy
1.83 mi. Mikiola Dr. East Inter.
1.92 mi. Mikiola Dr. West Inter
1.99 mi. Kaneohe Bay Dr. (L) Nanamoana St. Spur
2.10 mi. Kahanani Pl. (R)
2.34 mi. Kaneohe Bay Dr. (L) Nanamoana St. Spur
2.45 mi. Ramp to H-3 S.B.
2.55 mi. Ramp from H-3 N.B.
2.65 mi. H-3 Overpasses (Kaneohe/Kailua Bypass Bourdry)
2.96 mi. Ramp from H-3 N.B.
3.24 mi. Kapaa Quarry Rd (R) Kalaheo High School (L)
3.52 mi. Olomana Loop (R) Iliiopio St. (L)
3.64 mi. Iliiopono St.
3.76 mi. Iliikala Pl.
4.01 mi. Ilimaila Lp. (R) Iliiliani St. (L)
Ilimaila Lp. (R) Iliiwahi Lp. (L)

STA 22+77 KANEOHE BAY DRIVE
STA 35+27.70
1.73 mi.
2.05 mi.
2.12 mi.
2.20 mi.
See Detail
N.B.
S.B.
MOKAPU SADDLE RD.
MOKAPU BLVD.

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.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

- 0.39 0′
- 0.80 6′ AC
- 1.22 2′ AC / 2′ Grass
- 1.84 4′–6′ AC
- 2.86 10′ AC
- 4.15 0′

Pavement: Width and Type

- 0.39 24′ AC | 12′ AC | 2.4′ AC | 12′ AC
- 0.80 (24′ AC) 12′ AC | 24′ AC
- 1.22 12′ AC | (24′ AC) 4′ Grs.)
- 1.84 12′ AC | (22′ AC) 4′ Grs.)
- 2.05 11′ AC | 12′ AC
- 2.86 24′ AC
- 3.13 30′ AC

Shoulder: Width and Type

- 0.39 0′ | 5′ Shared Bike Lane
- 0.65 0′ | 5′ Shared Bike Lane
- 0.80 (8′–10′ AC) 0′ | 4′ AC/4′ Grass
- 1.22 0′ (4′ AC 4′ Grs.)
- 1.84 0′ (4′ AC 4′ Grs.)
- 2.05 0′
- 2.20 2′–4′ AC
- 2.86 0′
- 3.13 10′ AC
- 4.15 2′ AC

Median: Width and Type

- 0.39 18′ Grass Raised | 12′ Grass Raised
- 0.65 (10′ Painted AC)
- 0.80 10′ Painted AC
- 1.12 11′ Painted AC
- 1.30 11′ Painted AC
- 1.57 10′ Painted AC
- 1.73 24′ Raised Grass (24′ Painted AC)
- 2.20 4′ Barrier (24′ AC Raised)
- 3.17 28′ Grass Raised

Median Barriers: ⊢ = Guardrail ▬ = Conc. Barrier

Shoulder: Width and Type

- 0.39 0′
- 0.80 0′
- 1.22 0′
- 1.84 0′
- 2.36 2′ AC
- 2.42 10′ AC
- 4.15 2′ AC

Pavement: Width and Type

- 0.39 24′ AC | 8′–10′ AC | 12′ AC | 12′ AC
- 0.80 12′ AC
- 1.22 12′ AC
- 1.84 12′ AC
- 2.05 11′ AC
- 2.86 24′ AC
- 3.13 30′ AC

Shoulder: Width and Type

- 0.39 0′ | 5′ Shared Bike Lane
- 0.80 8′–10′ AC
- 1.22 4′ AC/ 4′ Grs.
- 1.84 4′ AC/ 4′ Grs.
- 2.05 10′ AC
- 2.86 0′
- 3.13 10′ AC
- 4.15 0′

Number of Traffic Lanes

- 0.07 4–12′
- 1.22 2–11′
- 2.05 2–11′
- 2.86 4–12′
- 3.13 (L) 1–12′ (R) 2–12′
- 3.13 (L) 1–13′, 1–17′ (R) 1–13′, 1–17′

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

- 0.07 10′ Conc. Curb Lanes
- 0.80 9′ TL's
- 1.22 11′ AC TL's
- 1.84 8′ AC TL's
- 2.05 10′ AC T.L.'s
- 3.13 12′ AC T.L.'s
- 3.34 10′ AC T.L.'s

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

- 0.39 10′ Conc. SW
- 0.40 8′ Conc. SW
- 0.74 3′ AC
- 1.22 8′–10′ Conc.
- 2.86 8′ Conc.
- 3.17 Conc. Curb

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

- 0.39 8′ Conc. Curb
- 0.42 Curb
- 0.74 Curb
- 1.22 Curb
- 1.79 Curb
- 1.83 Conc. C/G
- 2.86 Conc. Curb
- 3.17 Conc. Curb

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

Illumination: Type, Location and Number

- 0.39 17 HPS
- 0.60 0.83 0.86 0.90 Mercury Vapor
- 1.34 1.52 1.57 1.92 1.98 2.05 2.10 Mercury Vapor
- 2.65 None
- 3.15 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:

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

- 0.22 (1) Flat
- 2.00 (2) Rolling
- 2.50 (3) Mountainous
- 2.65 Small Urbanized (3)
- 2.87 (3) Mountainous (1) Flat
- 3.24 (1) Flat

Speed: 1–Design, 2–Posted

- 1.99 35 MPH (2)
- 2.87 30 MPH (2) 35 MPH (2)
- 3.17 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

- 0.00 0.11 0.39 3 Ph.
- 1.99 3 Ph.
- 2.43 3 Ph.
- 2.87 2.96 3 Ph.
- 3.24 4.15

Traffic Stations (Current Year)

- 0.46 B72 0065 00000
- 1.72 B72 0065 00045
- 1.99 B72 0065 00172
- 2.43 B72 0065 00199
- 2.85 B72 0065 00234
- 3.17 B72 0065 00265
- 4.15 B72 0065 00324

HPMS Sections – AADT 2009

- 0.46 15,700
- 1.72 19,622
- 1.99 15,500
- 2.43 22,000
- 2.85 25,262
- 4.15 9,100

HPMS Sections – AADT 2008

- 0.46 28,317
- 1.72 19,648
- 1.99 16,326
- 2.43 23,883
- 2.85 25,295
- 4.15 10,181

HPMS Sections – AADT 2007

- 0.40 28,385 (23,625)
- 0.48 22,325
- 0.65 22,020
- 0.73 (19,900) 19,695
- 0.85 (20,100) 20,000
- 0.90 19,695
- 1.55 19,800
- 1.68 16,365
- 1.84 16,565
- 1.99 23,940
- 2.34 (25,355)
- 3.17 3.24 10,205

DOD Sections

- 0.40 106.01
- 0.48 106.02
- 0.65 107.02
- 1.15 DOD 510
- 1.51 107.01
- 2.42 110
- 3.33 109.01
- 4.15 DOD 515

Census Tracts

Functional Classification

- 0.46 Principal Arterial (14) (Kaneohe/Kailua – 320)
- 1.72 Not on NHS (0)

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

- 0.46 6300A–01–80M (R) 1981,80 S–230(1) 1950
- 1.72 1.78 65A–01–90M 1991 2.12 1.71 1.73 (-)14 + 98.05 S–0630(10) 1970 90 + 72
- 2.35 S–0630(11) 1971 2.59 2.40 31 + 75 S–0630(11) 1968
- 3.18 65B–01–87M (R) 1987 73 + 04.30 51 + 93.17 S–0630(6) 1958
- 4.12 (-)0 + 36

SCALE: (In Miles) 4" = 1 mile

Date Released
Dec. 2003, D.B.

Revised	
Aug. 04	*D.B.*
6/06	*D.B.*
Aug. 10	*D.B.*

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

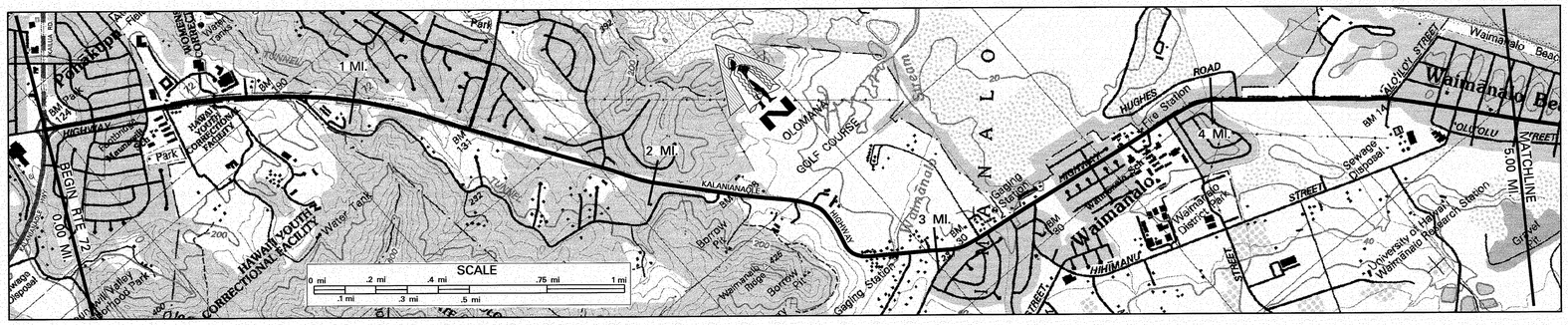
Total Route Length: 18.44 miles

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

0 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' 2.85 — 33' 3.23 — 23' — 23'

BOX CULVERT 1986, HS–20–44 — 16' 3.99 — 46'

Vertical Clearance

16'–7"

Horizontal Clearance

42'

Structure over Road

Vertical Clearance

Horizontal Clearance

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

120'–340' 1.32 — 120'–280' 2.48 — 50'–170' 2.85 — 50' — 100' 4.58

Available Right of Way Width (Needs Study)

RESIDENTIAL 0.80 — TREES AND BUSHES & CUT SLOPES — TILE WALL 3.95 — TREES BUSHES AND PASTURE

Right of Way Fence: Type – Right and Left (CL = CHAINLINK, FP = FROM PAVEMENT)

WOOD ON ROCK WALL C.L. 0.80 — WIRE ON WOOD 30' F.P. — 23' F.P. — C.L. 2.31 — 30' F.P. C.L. 2.50 — CHAIN LINK 4.08 — WOOD ON WOOD 4.14 — 4.58

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

PARTIAL — STATE — NONE

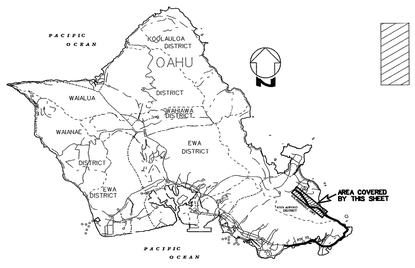
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

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

Project No., Type of Construction, and Year Constructed



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 0.00 MI. — KEOLU DRIVE — KANAPUU DR. — OLD KALANIANAOLE HWY — END DIVIDED HWY — FLAMINGO ST. — KUMUHAU ST. — HUMUNIKI ST. — END DIVIDED HWY — MOOLE ST. — WAIKALOA ST. — INOAOLE ST. — END DIVIDED HWY — END DIVIDED HWY — ALOLOI ST. — HILU ST. — KAULU ST. — HINALEA ST. — HIHIMANU ST. — EHUKAI ST.

ULUPUNI ST. — PEDESTRIAN OVERPASS — FIRE STATION ROAD — ACCESS RDS. TO GIRL'S HOME — ACCESS RD. TO BOY'S HOME — OLD KALANIANAOLE HWY — 1 MP — 1.17 MI. — OLOMANA GOLF LINKS — NEW TOWN & COUNTRY STABLES — 2 MP — WAIMANALO BR. — SADDLE CITY DR. — KAHAWAI STR. BRIDGE — POALIMA ST. — WAIMANALO BAY RECREATION AREA BEG. DIVIDED HWY — WAIMANALO PUBLIC SCHOOL — ENTRANCE — EXIT — ACCESS RD. — 4 MP — ROAD TO BELLOWS AIRFIELD BEG. DIVIDED HWY — WAIMANALO BEACH ROAD BEG. DIVIDED HWY — KALANIANAOLE HWY — ROAD TO BELLOWS AIRFIELD

KALANIANAOLE HWY

0.00 MI. 0.03 MI. 0.06 MI. 0.15 MI. 0.30 MI. 0.32 MI. 0.39 MI. 0.42 MI. 0.54 MI. 0.65 MI. 0.84 MI. 0.96 MI. 1.38 MI. 1.82 MI. 1.97 MI. 2.21 MI. 2.45 MI. 2.51 MI. 2.68 MI. 2.85 MI. 2.91 MI. 3.05 MI. 3.13 MI. 3.16 MI. 3.23 MI. 3.28 MI. 3.30 MI. 3.35 MI. 3.40 MI. 3.56 MI. 3.66 MI. 3.70 MI. 3.77 MI. 3.85 MI. 3.88 MI. 3.92 MI. 3.99 MI. 4.01 MI. 4.08 MI. 4.13 MI. 4.25 MI. 4.29 MI. 4.34 MI. 4.39 MI. 4.58 MI. 4.72 MI. 4.79 MI. 4.86 MI. 4.93 MI. 4.99 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

Pavement: Width and Type — 24' AC — 8'–10' AC — 12' AC — 24' AC — 20' AC 3.08 — 24' AC — 10' AC 3.35 — 11' AC 3.40 — 21' AC — 11' AC — 21' AC — 10.5' AC — 21' AC

Shoulder: Width and Type — 0 — 8'–10' AC — 0 — 0 — 6' GRAVEL 3.47 — 14' GRV. 3.90 — 10' GRS. 3.88 — 0 — 0 — 5' GRV. — 0 — 5' GRV. 4.63 — 0

Median: Width and Type — 24' GRASS 1.17 — 24' AC 2.37 — 12' AC 2.58 — 10' PAINT 3.30 — 3.40 — (6' AC) 4.01 — 10' PAINT 4.13 — 4.25 — 10' PAINT 4.39

Shoulder: Width and Type — 0 — (TAPER 24'–14') — (14' AC) — 0 — 0 — 0

Pavement: Width and Type — 24' AC — 8'–10' AC — 12' AC — 10' AC 3.35 — 11' AC 3.40 — 11' AC — 10.5' AC

Shoulder: Width and Type — 7' AC 0.15 — 7'–10' BST 0.84 — 2.23 — 2.33 — 2.41 — 0 3.39 — 3.48 — 0 4.10 — (6' GRV.) — 5' GRV.

Number of Traffic Lanes — 2–12' — 2–12' — 1–20' — 1–12' — 2–12' — 2–10' — 2–12' — 2–10.5' — 2–11' — 2–10.5'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — (1–14') — (2–10') — (2–11') — 10' T.L.s

(Right Side)

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

Sidewalk: Width and Type (Right and Left) — METAL ON CONC. — 3' AC — 3' AC — 3' CONC. — 3' AC — 3' AC

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

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

Illumination: Type, Location and Number — 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: — SMALL URBANIZED (3) (Kaneohe/Kailua – 320)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — FLAT — ROLLING — SCHOOL ZONE 25 MPH (2) — FLAT

Speed: 1–Design, 2–Posted — 35 MPH (2) — 45 MPH (2) — 35 MPH (2) — 25 MPH (2) — 25 MPH (2) — 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing — PEDESTRIAN WALK LIGHT

Traffic Stations (Current Year) — B72 0072 00000 — B72 0072 00030 — B72 0072 00084 — B72 0072 00138 — B72 0072 00233 — B72 0072 00258 — B72 0072 00281 — B72 0072 00308 — B72 0072 00408 — B72 0072 00439

HPMS Sections – AADT 2009 — 26,200 — 21,300 — 26,500 — 21,900 — 22,845 — 22,845 — 22,845 — 17,610 — 15,200 — 16,603

HPMS Sections – AADT 2008 — 32,951 — 32,951 — 29,425 — 23,983 — 22,875 — 22,875 — 22,875 — 17,633 — 17,029 — 16,625

HPMS Sections – AADT 2007 — 33,030 — 33,030 — 29,495 — 24,040 — 22,930 — 17,675 — 17,070 — 16,665

DOD Sections — DOD 310 — DOD 311

Census Tracts

Functional Classification — PRINCIPAL ARTERIAL (14) — PRINCIPAL ARTERIAL (CONN. LINK) (14)

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

Previous Projects: Project No., Date and Limits — F–072–1(28), RESURFACE 1985 — (72AB–01–88M (R), 1988) — 4.99 — 72A–01–88M (R), 1988 — 72A–01–79M (R) 1979 — F–072–1(13) 1963 — F–072–1(15) 1966 — 72A–01–71, 1976 — (F–072–1(15), 1976) — F–072–1(15), 1976 — WDRC 1(7) 1946 — F–072–1(24) 1969 — WDRC 1(7), 1946 — 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

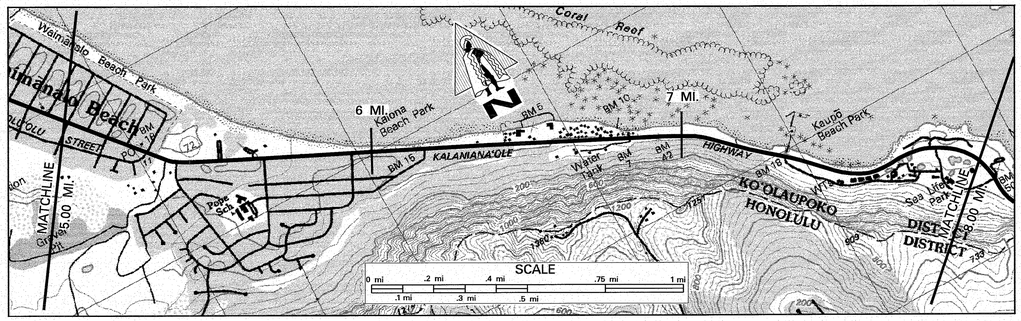
ROAD INVENTORY
OAHU RTE 72
KALANIANAOLE HWY

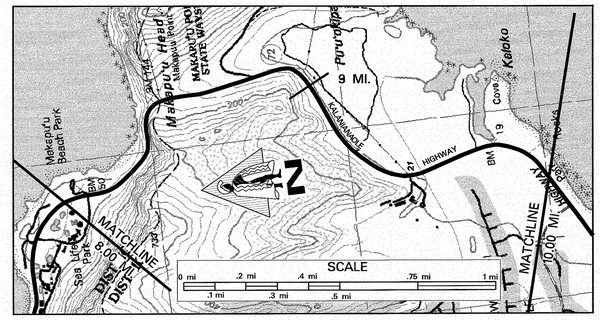
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

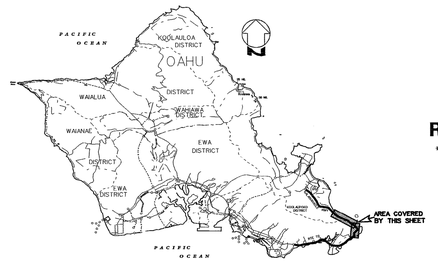
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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
*







Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

5 | (72 A (5.25 MI.)) | 6 | 7 | 8 | 9 | 10

5.38 END 72 A – BEGIN 72 B AT CENTERLINE WAILEA ST.

72 B (8.00 MI.)

Structure Carrying Road

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

PRESTRESSED CONCRETE GIRDER, 1972, HS-20 | TEE BEAM, 1947 H-20

62′ | 70′ | 48′ | 39′

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

100′ | 80′ | 50′–165′ | 60′–100′

Available Right of Way Width (Needs Study)

TREES BUSHES & PASTURE | BEACH (L), TREES & BUSHES (R) | RESIDENTIAL

Right of Way Fence: Type – Right and Left

(ROCK WALL) | CHAINLINK FENCE | (Boulder Barrier) | CHAINLINK

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

NONE

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

STATE

Project No., Type of Construction, and Year Constructed

72B-01-99, 2006 Realignment | (72B-02-02, ROCK SCALING & PROTECTION 2003) | STP-072-1(46), Ph 1, Improvements, 2006

Project No., Type of Construction, and Year Constructed

72 AB-01-88M, RESURFACE 1988 | STP-072-1(45), SHOULDER IMPROVEMENTS 2000

5.00 mi. CONTINUED FROM SHEET #1

MANANA ST. 5.07 Mi. | ALAHI ST. 5.12 Mi. | PUUONE ST. 5.19 Mi. | NAKANI ST. BEGIN DIVIDED OLUOLU ST (R) WAILEA ST (L) 5.26 Mi. | ALAKOA ST. 5.30 Mi. | ROADS TO WAIMANALO PARK 5.35 Mi. | HULI ST. 5.43 Mi. | END DIVIDED HWY 5.51 Mi. | CULVERT 5.61 Mi. | NALU ST. 5.70 Mi. | BELL ST. 5.74 Mi. | KAIONA BEACH PARK 5.92 Mi. | CULVERT 6.16 Mi. | KALANIANAOLE 6.38 Mi. | BEGIN DIVIDED 6.63 Mi. | MAKAI RESEARCH PIER (L) 7.20 Mi. | END DIVIDED HWY 7.32 Mi. | OCEANIC INSTITUTE RD. (R) 7.43 Mi. | CULVERT 7.72 Mi. | MAKAPUU ROAD 7.82 Mi. | ENTRANCES TO SEA LIFE PARK 7.84 Mi. | BEGIN DIVIDED 8.02 Mi. | END DIVIDED HWY 8.04 Mi. | RD. TO BEACH (L) 8.10 Mi. | CULVERT 8.30 Mi. | BEGIN DIVIDED 8.46 Mi. | MAKAPUU LOOKOUT Ent. 8.47 Mi. Exit 8.54 Mi. | END DIVIDED 8.54 Mi. | MAKAPUU LIGHT HOUSE ROAD 8.57 Mi. | SUBSTATION 8.65 Mi. | HALONA ST. 8.73 Mi. | HIGHWAY | WAWAMALU STREAM BRIDGE 9.46 Mi. | HAWAII KAI GOLF COURSE RD. 9.50 Mi. | WAWAMALU CANAL BRIDGE 9.75 Mi. | BEGIN DIVIDED SANDY BEACH PARK WAY 9.98 Mi. | 10.00 MI. MP

CONTINUED ON SHEET #3.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

(SHARED BIKELANE/SHOULDER)

12′ GRASS | 2′ AC | 6′ GRASS | 6′ AC | 2′ AC | 5′ AC | 7′–10′ GRAVEL | 0 | 5′ AC | (4′ AC)
21′ AC | 22′ AC | 22′ AC | 12′ AC | 22′ AC | 22′ AC | 11′ AC | (5′ AC BIKELANE) | 24′ AC | 28′ AC | (14′ AC)
0 | 0 | 8′–16′ GRAVEL | 14′–16′ GRAVEL | 12′ GRASS | 0 | 2′ AC / 10′ GRASS | 0 | 2′ CONC. GUTTER | 0 | 5′ AC | (0)
10′ PAINT | 0 | 12′ PAINT | 10′ PAINT | 4′–15′ PAINT | (0′–12′ PAINT)
0 | 0 | 0
12′ AC | 12′ AC | 22′ AC | 11′ AC | (14′ AC)
4′ AC | 2′ AC | 2′ AC/ 12′ GRASS | 2′ AC/10′ GRASS | 5′ AC | 5′–8′ AC | (4′ AC)

Number of Traffic Lanes

2–10.5′ | 2–12′ | 2–11′ | 2–12′ | 2–11′ | 2–11′ | 2–12′ | 2–14′

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

12′ T.Ls. | 11′ 2-WAY (L) T.Ls. | 10′ T.Ls. | ALL TLS 11′ | 10′ T.Ls.

(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 | STONE 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:

SMALL URBANIZED (3) (KANEOHE/KAILUA – 320) | LARGE URBANIZED (4) (HONOLULU – 52)

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

FLAT | ROLLING | MOUNTAINOUS | FLAT | FLAT

Speed: 1–Design, 2–Posted

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

(B72 0072 00529) | B72 0072 00439 | B72 0072 00535 | B72 0072 00732 | B72 0072 00782 | B72 0072 00804 | B72 0072 00855 | B72 0072 00946

HPMS Sections – AADT 2009

16,663 | 10,700 | 9,400 | 10,770 | 6,600 | 10,970 | 9,600 | 11,975

HPMS Sections – AADT 2008

16,625 | 17,234 | 10,784 | 10,784 | 10,884 | 10,984 | 10,984 | 11,991

HPMS Sections – AADT 2007

16,665 | 17,276 | 10,810 | 10,910 | 11,010 | 12,020

DOD Sections

DOD 311 | DOD 312

Census Tracts

Functional Classification

PRINCIPAL ARTERIAL (CONN. LINK) (14)

National Highway System (NHS)

ON NHS (1)

Previous Projects: Project No., Date and Limits

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

SCALE: (In Miles) 4" = 1 mile

Date Released
JAN 05, D.B.
Revised
G.N. 5/06
D.B. 3/07
D.B. 8/10

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

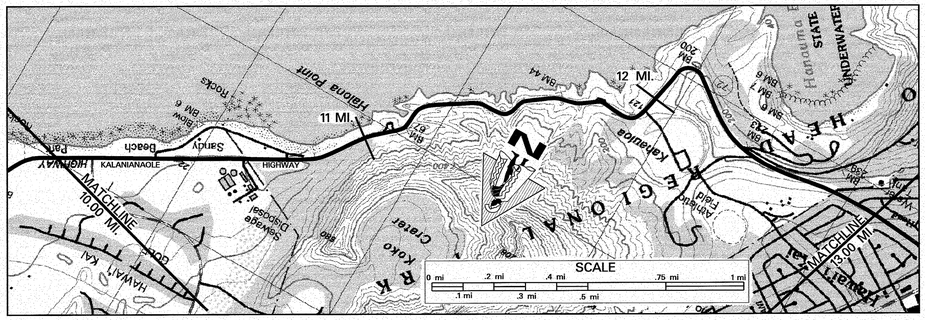
Total Route Length: 18.44 miles

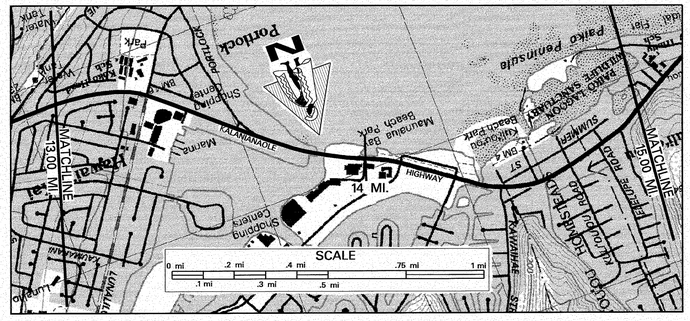
a. Survey Length: 18.44 miles

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 13.29

72 C (5.20 MI.)

Structure Carrying Road

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

	TEE BEAM 1931, H–15	CONC. MASONRY ARCH 1931, H–20	PED O.P. 1968	SLAB 1969, HS–20	SLAB, 1971, H–15	TEE BEAM, 1964 H10
	100' (11.48)	70' (11.66)		250' (13.82)	109' (14.33)	58' (14.59)

Vertical Clearance

	27'	25'	13.24	44'	64'	60'

Horizontal Clearance

Structure over Road

Vertical Clearance

	17' 10"

Horizontal Clearance

	60'

| | | | | | |

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

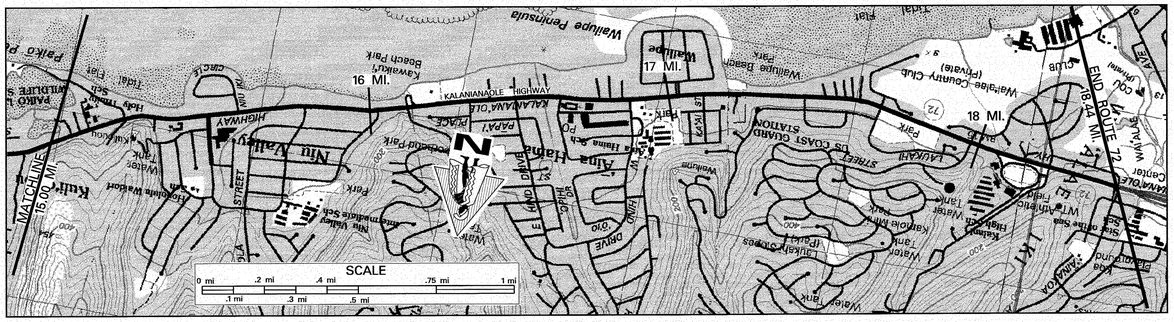
Total Route Length: 18.44 miles

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 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 | 28' (OUTBOUND) 36' (INBOUND)

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

50'–165' | 120' | 120'–135'

Available Right of Way Width (Needs Study)

RESIDENTIAL AREA | TILE WALL | CHAINLINK FENCE

Right of Way Fence: Type – Right and Left

(CHAINLINK FENCE) | (CHAINLINK FENCE) | CHAINLINK FENCE | TILE WALL | CHAINLINK FENCE

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–072–1(47), RESURF., 2002

Project No., Type of Construction, and Year Constructed

NH-STP-072-1(35), WIDENING, 1995 | F–072–1(34)B, WIDEN & REALIGN, 1993 | 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 | EAST HALEMAUMAU ST. | WEST HALEMAUMAU ST. | NIU STREAM BRIDGE | HAWAII LOA ST. | PARK ENTRANCE PUU IKENA DR. | KIRKWOOD ST. | EAST HIND DR. | WAILUPE BR. | NENUE ST. | WAILUPE PUNAHELE PL. | WAILUPE CIR. | US COAST GUARD WAILUPE BEACH PARK | KAAI ST. | WAA ST. | KAIMOKU PL. (L) | ANALII ST. (R) | LAUKAHI ST. (R) | WAIHOLO ST. (L) | KALANI HIGH SCHOOL ENTR. | IKI PLACE | WAIELI ST. (L) | TELEMETRY COUNTING STA. 045

KALANIANAOLE HIGHWAY

WEST HIND DR. (R) | KALANIKI PL. (R)

15.22 Mi. | 15.49 Mi. | 15.66 Mi. | 15.78 Mi. | 16.04 Mi. | 16.11 Mi. | 16.16 Mi. | 16.31 Mi. | 16.46 Mi. | 16.53 Mi. | 16.62 Mi. | 16.79 Mi. | 16.82 Mi. | 16.87 Mi. | 17.08 Mi. | 17.17 Mi. 17.15 Mi. | 17.38 Mi. | 17.62 Mi. | 17.93 Mi. | 18.01 Mi. | 18.12 Mi. | 18.20 Mi. | 18.32 Mi.

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

Divided Highway – Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Divided Highway

Median: Width and Type

Median Barriers: ═══ = CONC. BARRIER ┼──┼ = M/M GUARDRAILS

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

5' PCC BIKEWAY | 5' PCC BIKELANE | 6'–8' BIKEWAY

(6'–23' RAISED SHRUBS) 33' AC

2' AC | (6' SHRUBS) (6'–15' SHRUBS) | 0 (1'–12' GRASS) | 6' AC | (0)

2'–14' RAISED MEDIAN (GRASS & TREES) | 6'–17' RAISED SHRUBS | 25' GRASS & TREES | 11' GRASS & TREES | (11' RAISED CONC.)

2' AC | (6'–12' RAISED SHRUBS) | 0 | 6' GRAVEL | (0)

33' AC

5' PCC BIKEWAY | 5' PCC BIKELANE | 6' AC BIKELANE | 6' AC | 5' AC BIKELANE

Number of Traffic Lanes

6–11'

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)

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

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

Illumination: Type, Location and Number

HIGH PRESSURE SODIUM | SODIUM VAPOR | MERCURY VAPOR

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

CONTRA–FLOW HOV, MORNING 5:00–8:30 AM

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

LARGE URBANIZED (4) (HONOLULU – 52)

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

FLAT
ROLLING

Speed: 1–Design, 2–Posted

35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

3 PHASE | 3 PHASE

Traffic Stations – (Current Year)

B72 0072 01444 | B72 0072 01549 | B72 0072 01682

HPMS Sections – ADDT 2009

40,300 | 62,300 | 109,000

HPMS Sections – ADDT 2008

70,133 | 65,194 | 75,500

HPMS Sections – ADDT 2007

70,300 | 65,350 | 78,480

DOD Sections

Census Tracts

2 | 3 | 5 | 4.01 | 4.02

Functional Classification

FREEWAY & EXPRESSWAY (12)

National Highway System (NHS)

ON NHS (1)

Previous Projects: Project No., Date and Limits

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

SCALE: (In Miles) 4" = 1 mile

Date Released
JAN. 05, D.B.
Revised
G.N. 5/06
G.N. 8/10

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

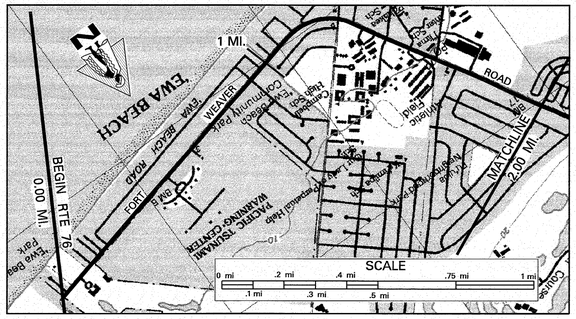
Total Route Length: 6.64 miles

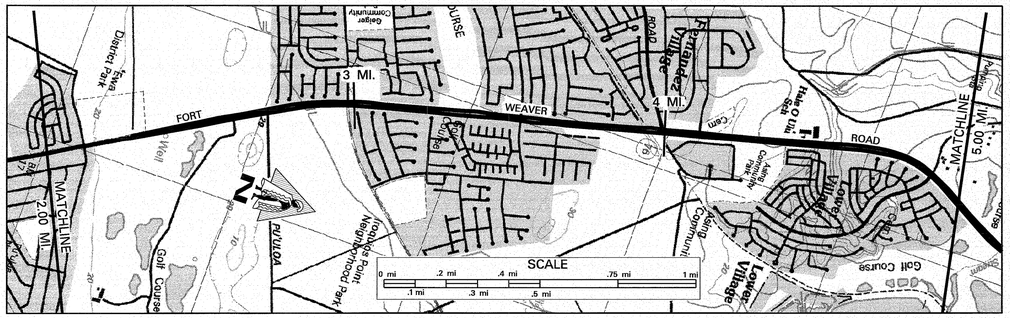
a. Survey Length: 6.64 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

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) 0.99 | CULVERT (STR) 1936 E9–H–15 1.84 | PRESTRESSED CONCRETE HS 20–44 4.38

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′ (2.15) 160′ (3.82) 170′

Available Right of Way Width (Needs Study): RESIDENTIAL | RES (R), SUGAR (L) 1.83 | CLEAR 1000′ SUGAR CANE 40′ FP

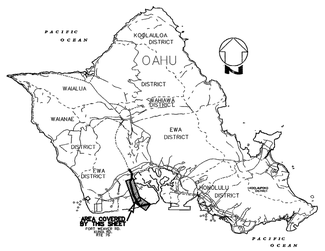
Right of Way Fence: Type – Right and Left (CL = CHAIN LINK, FP = FROM PAVEMENT): 0.80 (CL 15′ FP) 0.99 | 1.25 CL 18′–20′ FP 2.15

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: 76A–01–91, IMPRV., 1991 (0.80) | F–076–1(2), WIDEN & REALIGN., 1992 (2.15) | STP–076–1(5), RESURF., 2000

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

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

NEW EWA BEACH GOLF CLUB | EWA BEACH RD. END DIV. | ALA KAPUNA PAVED ROAD | PARK ENTR. | PARK EXIT | BEGIN DIV. | POPOI PL. 0.01 MI | NATIONAL OCEANOGRAPHIC ATMOSPHERIC ADMIN. | BEGIN DIV. | EWA BEACH RD. (L) | PARISH DR. & ALA KAPUNA & AEKA PL. | HAPALUA ST. | PARISH DR. | POHAKUPUNA PL. | KIHOPELEKANE (L) | MONEHA PL. | AIKANAKA RD. | EXIT FROM SCHOOL | EXIT TO SCHOOL ROAD (L) | PAPIPI RD. | DRIVEWAY TO MALL | KUHINA ST. | KAIMALIE ST. | BRIDGE #101 | KE ONEULA BLVD. (L) | ECB | HAWAII PRINCE GOLF CLUB | ECB | IROQUOIS RD.(R) (RTE 7141) GEGER RD. (L) | ECB | KOLOWAKA DR. | ECB | ARIZONA RD. (R) RENTON RD. (L) RAILROAD TRACKS | KARAYAN ST. | ECB | EWA FAMILY CNTR. EWA PLANE HAUL RD. UNDERPASS | A'AWA DR. (R) OLD FORT 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.

0.50 Mi. | 0.75 Mi. | 0.92 Mi. | 0.99 Mi. | 0.96 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. | 2.00 Mi. | 1.98 Mi. | 1.94 Mi. | 2.11 Mi. | 2.19 Mi. | 2.58 Mi. | 2.66 Mi. | 2.97 Mi. | 3.34 Mi. | 3.53 Mi. | 3.94 Mi. | 3.99 Mi. | 4.10 Mi. | 4.30 Mi. | 4.36 Mi. | 4.45 Mi. | 4.87 Mi. | 4.95 Mi.

0.19 Mi. | 0.19 Mi. | 0.10 Mi. | 0.10 Mi. | 0.04 Mi. | 0.03 Mi.

CONTINUED ON SHEET #2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

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

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

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

Median: Width and Type: 11′ PAINT | 11′ PAINT (FLUSH) | 28′ TREES AND SHRUBS

Median Barriers: 0.19 | 0.75 | 2.15

Shoulder: Width and Type: 0 | 0 | 4′ AC

Pavement: Width and Type: 11′ AC | TAPER 11′–22′ 0.92 | 22′ AC | 24′ AC

Shoulder: Width and Type: (4′ AC BIKE ROUTE) | (10′ CORAL & GRASS) | 10′ AC 0.67 | 6′ AC BIKE ROUTE, 8′ AC | 10′ AC

Number of Traffic Lanes: 0.09 | 2–11′ | 0.92 | 4–11′ | 2.25 | 4–12′ | 3.67 | 4.04 | 4.17 | 4.74 | 4.83 | 4.97 | 4.99

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) / (Right Side) — ALL AUX. LANES ARE 12′ UNLESS OTHERWISE INDICATED: 2.11 | 2.25 | 2.77 | 2.97 | 3.12 | 3.18 | 3.40 | 3.43 | 3.53 | 3.65 | 3.82 | 3.87 | 3.89 | 3.99 | 4.04 | 4.10 | 4.17 | 4.38 | 4.41 | 4.45 | 4.46 | 4.75 | 4.91 | 10′ AC

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

Sidewalk: Width and Type (Right and Left): 2.26 | 8′ AC BIKEWAY (R) | 1.30 | 4′ RAISED AC | 1.69 | 4.38 | 4.39

Curb and/or Gutter: Type (Right and Left): 3.42 | 4′ CONC. GUTTER, 8′ CONC. GUTTER M/M | 4′ CONC. GUTTER, 8′ CONC. GUTTER M/M

Protective Devices: Type, Location and Number

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: LARGE URBANIZED (4) (HONOLULU – 52)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: 2.29 | (1) FLAT

Speed: 1–Design, 2–Posted: 35 MPH (2) | 1.07 | 1.08 | 25 MPH (2) | 35 MPH (2) 2.54 | 45 MPH (2) | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 0.92 | TRAFFIC LIGHT 1.28 | TRAFFIC LIGHT 1.45 | TRAFFIC LIGHT 1.63 | TRAFFIC LIGHT 1.76 | 2.11 | 2.27 | TRAFFIC LIGHT 2.97 | 3.53 | TRAFFIC LIGHT 3 PHASE 3.89 | TRAFFIC LIGHT 3 PHASE

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 2009: 1,500 | 6,645 | 19,300 | 21,000 | 43,574 | 61,488 | 65,613

HPMS Sections – AADT 2008: 2,619 | 6,654 | 25,090 | 38,997 | 43,631 | 61,568 | 65,698 | 5.00

HPMS Sections – AADT 2007: 2,525 | 6,670 | 25,150 | 39,090 | 39,090 | 43,735 | 61,715 | 65,855 | 56,360

DOD Sections: 0.82 | 1.28 | DOD 395 | 2.11 | 2.19 | 2.97 | 3.53 | DOD 400 | 3.90 | 4.75

Census Tracts: 83 | 1.63 | 84 | 3.84 | 86.02

Functional Classification: MINOR ARTERIAL (16) | 2.11 | PRINCIPLE ARTERIAL (14) | 3.99 | FREEWAY & EXPRESSWAY (12)

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 | 2.78 | 760AB–02–72, 1972 | 3.17 | 3.81 | 7600B–01–82, 1983, (CONST.) | 4.61

760B–02–71 1971 | 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

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

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

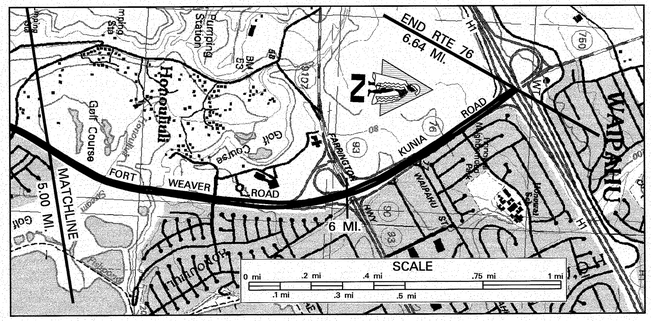
Total Route Length: 6.64 miles

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' | 42' INBOUND 42' OUTBOUND

PRESTRESSED CONC. HS 20–44 | 270' | 42' INBOUND 54' OUTBOUND

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

(170') | 170'–340' | 200'–1000' | 170'–1500' | 170'

Available Right of Way Width (Needs Study)

CLEAR 1000' SUGAR CANE 40' FROM PAVEMENT | 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

STA 123+95 | CMAQ-076-1(8) Widening, 2005 | STA 94+45 | STA 76+50 | HWY-0-01-04 Improv 2005

Project No., Type of Construction, and Year Constructed

STP-076-1(5), (RESURF.), 2000 | STP-076-1(13), (RESURF.), 2000 | IM-H1-1(219), (IMPRV.) SEE ALSO H-1 & RTE 750, 2000

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #1 5.00 MI.

HONOLULUUU STREAM BR. | LAULAUNUI ST. | RAMP A TO WAIPAHU RAMP C | ECB | RAMP B BEAVER RD. SEPERATION | FARRINGTON HWY (ROUTE 7101) | LEOLUA ST. | RAMP E WAIPAHU ST. (R) RAMP D (L) | HONOWAI ST. | RAMP KE RAMP KA | RAMP KE-1 RAMP KA-1

STA 94+45 | 6 MP | STA 67+50

FORT WEAVER ROAD — KUNIA ROAD

5.18 MI. | 5.56 MI. | 5.72 MI. | 5.78 MI. | 5.84 MI. | 5.95 MI. | 6.01 MI. | 6.13 MI. | 6.23 MI. | 6.24 MI. | 6.30 MI. | 6.42 MI. | 6.51 MI. | 6.54 MI. | 6.60 MI. | 6.61 MI.

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

10' AC | 12' CONC. | 10' AC

Pavement: Width and Type

24' AC | 36' AC | 24' AC | 24' CONC. | 24' AC | 36' AC

Shoulder: Width and Type

4' AC | 6' CONC. | 12' AC | 6' AC

Divided Highway – Median

Median: Width and Type

28' TREES & SHRUBS (2' CONC. BARRIER) | CONC. BARRIER

Median Barriers:

Shoulder: Width and Type

4' AC | 6' CONC. | 10' AC

Pavement: Width and Type

24' AC | 36' AC | 24' AC | 24' CONC. | 24' AC | 36' AC | 24' AC

Shoulder: Width and Type

10' AC | 12' CONC. | 10' AC | 20' AC

Number of Traffic Lanes

4–12' | 3 – 12' | A | D | 2 – 12' | 2 TL's 1-12' TL

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (ALL AUX. LANES ARE 12' UNLESS OTHERWISE INDICATED. A = ACCEL. D = DECEL.)

(Right Side)

A–D

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

5' BIKE LANE | 5' BIKE LANE

Sidewalk: Width and Type (Right and Left)

8' AC BIKEWAY (R) | 8' AC BIKEWAY (R) | 10' CONC.SW

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

(4' CONC. GUTTER) | 4' CONC. GUTTER | 4' CONC. GUTTER

(8' CONC. GUTTER) | 8' CONC. GUTTER | 8' CONC. GUTTER

Protective Devices: Type, Location and Number

M/M | M/M

Illumination: Type, Location and Number

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:

LARGE URBANIZED (4) (HONOLULU – 52)

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

(1) FLAT

Speed: 1–Design, 2–Posted

45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

5 TRAFFIC LIGHTS 3 PHASE | 2 PHASE

Traffic Stations (Current Year)

B72 0076 00399	B72 0076 00534	B72 0076 00578	B72 0076 00601	B72 0076 00642
65,613	61,787	50,818	55,800	34,418
65,698	61,867	50,884	50,884	34,463
56,360	62,015	51,005	81,510	(34,545)

HPMS Sections – AADT 2009

DOD 400 | DOD 180

HPMS Sections – AADT 2008

86.02

HPMS Sections – AADT 2007

DOD Sections

FREEWAY & EXPRESSWAY (12)

Census Tracts

NOT ON NHS (0)

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

STP-076-1(3), (RESURF), 1994 | M-7600(2), (CONST.), 1982 | 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

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

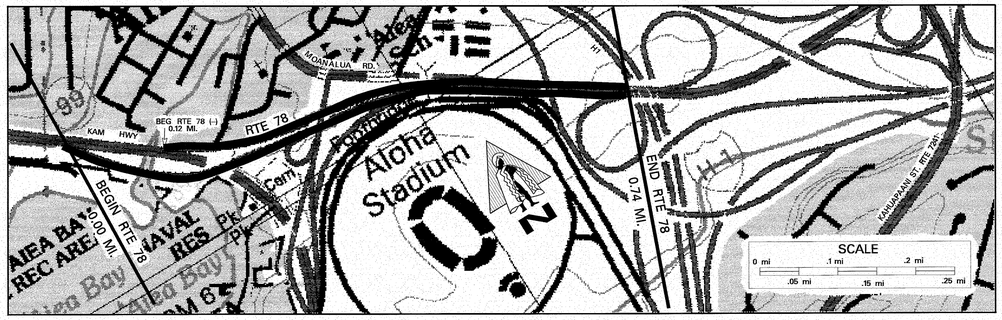
Total Route Length: 0.74 miles

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′ (0.65)

Vertical Clearance

44′

Horizontal Clearance

Structure and 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

0.19 CHAINLINK 30′ FROM PAVEMENT 0.38 | 0.45 CHAINLINK 20′ FROM PAVEMENT 0.58

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

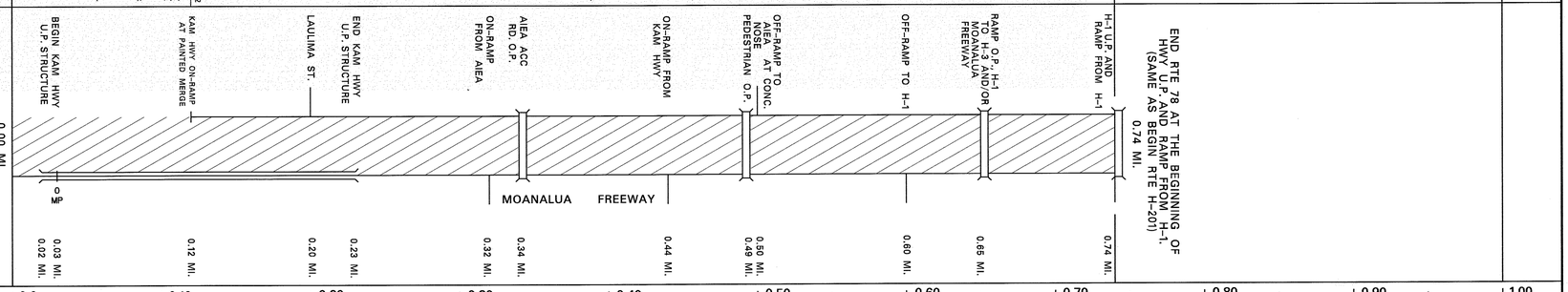
HWY-0-01-88M (INB. LN's), 1988, (R) 0.12 | 78A-01-91M (OUTBOUND LANES) 1993 (RESURFACE)

Project No., Type of Construction, and Year Constructed

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′ (0.12) 24′ AC 36′ AC

Shoulder: Width and Type

NONE (2′ CONC. GUTTER) 8′ AC

Median: Width and Type

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

Median Barriers:

2′ CONC. GUTTER

Shoulder: Width and Type

NONE 8′ AC

Pavement: Width and Type

24′ AC (0.32) 36′ AC 24′ AC

Shoulder: Width and Type

NONE 2′ CONC. GUTTER 7′ AC

Number of Traffic Lanes

0′ (0.12) 2-12′ | 2-12′ (0.32) 3-12′ (0.58) | 3-12′ (0.61) 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)

5′ CONC. (0.23) 5′ AC (0.38)

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

0.01 | 0.11 | 0.31 | 0.36

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:

LARGE URBANIZED (4) (HONOLULU – 52)

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

(2) ROLLING

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 2009

28,500 | 31,700 | 32,700

HPMS Sections – AADT 2008

37,486 | 52,599 | 37,081 (0.74)

HPMS Sections – AADT 2007

37,575 | 52,725 | (0.61) 37,170

DOD Sections

DOD 220 (0.32) | (0.60) DOD 225

Census Tracts

77.01 (0.34) 76

Functional Classification

FREEWAY & EXPRESSWAY (12)

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)::3, 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

ROAD INVENTORY

OAHU ROUTE 80
KAMEHAMEHA HWY.

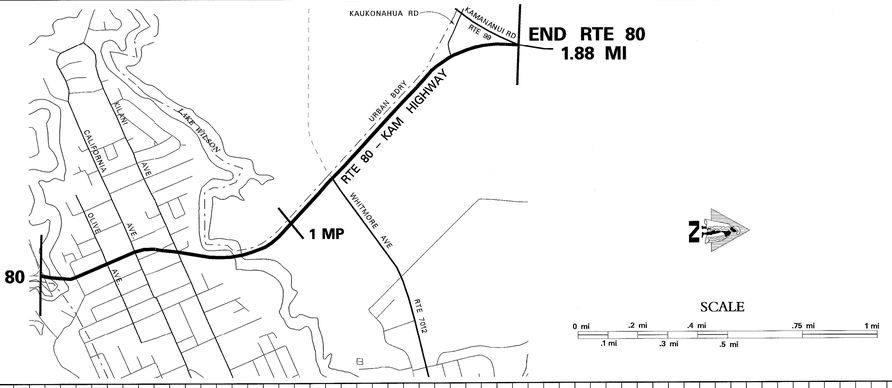
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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' | 0.80 | 50' – 90' | 1.58 | 65' – 70' | 1.77 | 60'

Available Right of Way Width (Needs Study)

RESIDENTIAL/COMM. | 0.85 | 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 | 0.95 | 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 WILKINA DR. (RTE 99) 0.00 MI.

Wilson Bridge | 81+12.24 | Ohai St. Ⓛ | Avocado St. Ⓡ | Olive Ave. | California Ave. | 87+45 | Maalo St. | Kilani Ave. | Hiwi Place | End Divided Hwy. | Kaukonahua Br. (Karsten Thot Br.) | KAMEHAMEHA HWY | Beg. Div. Hwy. | 1 MP (post only) | Whitmore Ave. (Rte 7012) | End Div. Hwy | Culvert | Beg. Div. Hwy. | Kaukonahua Rd. | 1.60 mi. | 1.74 mi. | End Div. Hwy. | Kamananui Rd.

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. 1.02 mi. 1.10 mi. 1.29 mi. 1.37 mi. 1.57 mi. 1.65 mi. 1.76 mi. 1.88 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 | 22' AC | 0.70 | 20' AC | 11' AC | 20' AC | 10' AC | 1.78 | 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 | 2.60 | 12' PAINT | 0.55 | 0.89 | 0'–12' AC PAINTED MEDIAN | 1.29 | (2'-6" AC (PAINTED) FLUSH w/ AC ROLL CURB | 1.57 | 1'-6" AC | 1.86 | 4'-7" AC | 1.74 | (2'-6" AC (PAINTED) FLUSH w/ AC ROLL CURB)

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

Shoulder: Width and Type

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

Pavement: Width and Type

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

Shoulder: Width and Type

Number of Traffic Lanes

0.16 | 4–12' | 0.27 | 0.29 | 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

(Right Side)

2-WAY LEFT TURN LN. | 0.14 | 0.17 | 22' | 0.41 | 0.48 | 0.49 | 0.52 | 1.04 | 1.08 | 1.15 | 12' | 1.34 | 1.50 | 1.69 | 11' | 1.85

8' PARK

(PARKING DURING OFF-PEAK HRS. ONLY.)

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

Sidewalk: Width and Type (Right and Left)

2' CONC. SW | 0.12 | 6' CONC. | 0.47 | 0.69 | 8' CONC.

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

1' GUTTER | CURB & GUTTER | 0.51 | CONC. Ⓡ CURB | 0.70 | 0.74 | ROCK CURB (L) & (R)

Protective Devices: Type, Location and Number

NONE

Illumination: Type, Location and Number

HPS LAMPS | 0.59 | 0.61 | 0.69 | 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:

LARGE URBANIZED (4) (HONOLULU – 52)

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

② ROLLING | 1.08 | 1.15 | ① FLAT

Speed: 1–Design, 2–Posted

25 MPH ② | 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 2009

33,400 | 22,400 | 23,448 | 15,094 | 14,088

HPMS Sections – AADT 2008

43,631 | 23,379 | 0.51 | 23,479 | 15,114 | 1.65 | 14,106 | 1.88

HPMS Sections – AADT 2007

43,735 | 37,475 | 23,435 | 23,535 | 15,150 | 1.10 | 14,140

DOD Sections

0.08 | 0.32 | 0.47 | DOD 385 | 1.10 | 1.35 | DOD 390 | 1.57

Census Tracts

CT 94 | 0.65 | CT 91

80 | CT 93

Functional Classification

0.02 | PRINCIPAL ART. (CONN. LINK) (14) | 1.10 | PRINCIPAL ARTERIAL (14)

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

HWY-0-01-89M (R), 1990 | 0.65 | HWY-0-01-82 M RESURF., 1982

(BR-F-080-1(3) BR. CONST., 1982) | 0.11 | F-F-080-1(5), 1982 (WIDENING) | 0.58 | 109+46.85 | 115+39 | 116+00 | 127+05 | 136+39 | 1.25

70+93 | 0.06 | (DA-WR-8(3), 1949) | FAP 7-D, 1933 | 0.33 | 8-80-01-65, 1966 | 99+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 7-0, 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

ROAD INVENTORY

OAHU RTE 83

JOSEPH P. LEONG HWY., KAMEHAMEHA HWY.

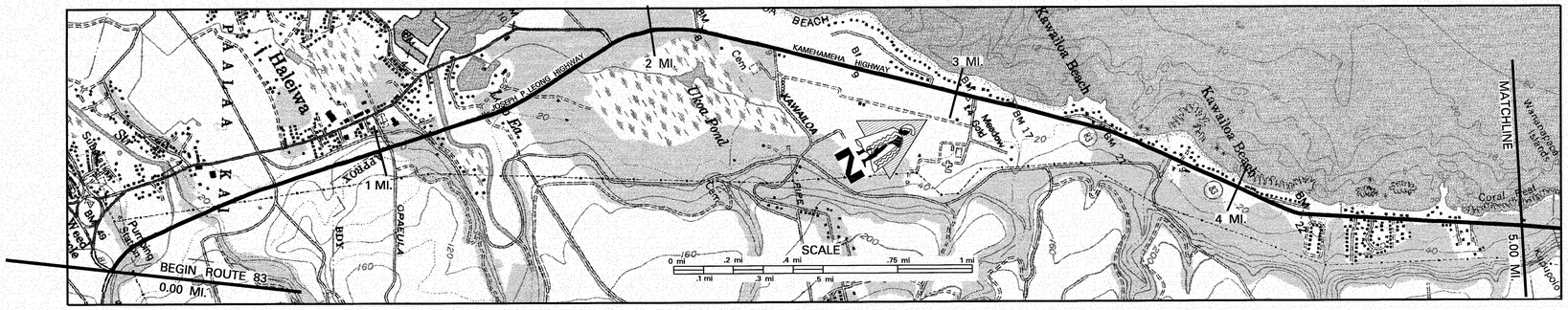
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 _____



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

83A (2.11 mi.) | 83B (11.97 mi.)

Structure Carrying Road

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

1995 1195' 0.08 | 1995 126' 0.36 | Prestressed Concrete Girder 1995, HS29 134' 0.75 | 1995, HS29 230' 1.21 | 1995, HS29 244' 1.88 | Slab, 1937 H15 70' 3.23 | 3.77 | TBM 1929, HS–20–44 25' 4.48

Vertical Clearance

44' | 44' | 44' | 44' | 44' | 24' | 33'–8"

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

120' – 250' | 60' 4.35 | 50'

Available Right of Way Width (Needs Study)

Pasture | Trees 2.21 | 2.84 | Residential 3.39 | Bushes & Trees – Houses (L) 4.30 | Residential 4.84 | Bushes & Trees

Right of Way Fence: Type – Right and Left FP=From Edge of Pavement W/W=Wire on Wood

2.26 20' FP W/W 2.40 | 3.0 20' FP W/W 3.21 | 4.21 15' FP W/W 4.29

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

None

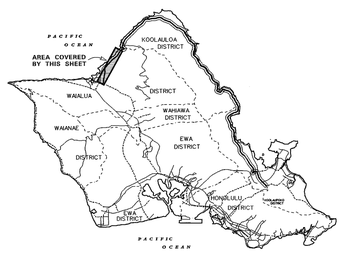
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

State

Project No., Type of Construction, and Year Constructed

F–083–1(24) & 83A–01–92 (Haleiwa Bypass), 1994 | 2.09 | 83B–01–97M Resurface, 1997

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP=Milepost Signage

Begin Route 83 at the Centerline Intersection of Kamehameha Highway, Kaunanua Road and the Joseph P. Leong Highway. 0.00 mi.

End Divided Hwy. Begin Helemano Stream Viaduct 0.08 mi. | End Viaduct 0.16 mi. | Opaeiua Uka Str. Br. 0.31 mi. | Paved Road 0.36 mi. | Beg. Divided Hwy. Wahiawa Cane Haul Rd. O.P. 0.62 mi. | Emerson Rd. 0.75 mi. | End Divided Hwy. Anahulu Uka River Br. 0.81 mi. | Rd. to Gov't. Property 1.00 mi. | Paved Rd. 1.17 mi. | Ukoa Pond Br. 1.21 mi. | Beg. Divided Hwy. Kamehameha Hwy. 1.36 mi. | End Divided Hwy. 1.57 mi. | Paved Rd. 1.68 mi. | Kawailoa Drive 1.79 mi. | Papailoa Dr. 1.86 mi. | Aluvion Inc. 1.94 mi. | Lashuilu Br. 2.14 mi. | Pohakuloa Way 2.41 mi. | Pohakuloa Way 3.86 mi. | Bridge 2.95 mi. | Paved Rd. 3.09 mi. | Kawailoa Br. 3.23 mi. | Ikuwai Place 3.38 mi. | Punailau Place 3.58 mi. | JOSEPH P. LEONG HWY. | KAMEHAMEHA HIGHWAY | 3 MP | 3.77 mi. | 4.15 mi. | 4.40 mi. | 4.45 mi. | 4.50 mi. | 5.00 mi.

CONTINUED ON SHEET #2.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway

Undivided

Shoulder: Width and Type

8' AC | 10' AC | 4' AC 3.24 | 2' AC 3.34 | 4' AC | 0 4.68 | 4' GRS. 4.85 | 5' AC

Pavement: Width and Type

12' AC | 12' PCC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC 2.11 | 22' AC | 5' AC 4.98

Shoulder: Width and Type

0 | 10' AC | 0 | 10' AC | 0 | 10' AC | 4' AC

Divided

Median: Width and Type

12' AC | (12' PCC) .08 | .16 | .61 | 16' AC Paint 1.00 | 6' AC Paint 1.17 | 1.79 | 10' AC Paint 1.84

Median Barriers:

Shoulder: Width and Type

0 | 0 | 0

Pavement: Width and Type

12' AC | 12' PCC | 12' AC | 12' AC

Shoulder: Width and Type

10' AC | 10' AC

Number of Traffic Lanes

2–12' | 2–11'

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

.13 12' T.Ls. .16 | 1.00 1.17 1.19 10' T.Ls. .81 1.00 | 1.86 1.72 12' T.Ls. 2.00 2.34 | 2.11

(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

4.59 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:

Rural (1)

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

Flat

Speed: 1–Design, 2–Posted

35 MPH (1) .23 .28 | 45 MPH (1) .57 .83 | 35 MPH (1) 1.70 | 2.11 | 45 MPH (1) 3.11 | 35 MPH (2) 4.00 3.97 | (Mountainous) 4.59 | 35 MPH (2) 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

1.86 3 Phase

Traffic Stations (Current Year)

B72 0083 00000 | B72 0083 00186

HPMS Sections – AADT 2009

10,367 | 17,610

HPMS Sections – AADT 2008

10,380 | 17,633

HPMS Sections – AADT 2007

10,405 | 17,675

DOD Sections

1.86 | 2.21 DOD 340

Census Tracts

Functional Classification

Principal Arterial (2)

National Highway System (NHS)

ON NHS (1)

Previous Projects: Project No., Date and Limits

F–083–1(19) Unit 1, (R) 1985 3.64 | F–083–1(20) Unit 2, (R) 1985 4.55 | 4.84 83B–01–87M, (R) 1987

WDR 3(1) 1949

F–083–1(24) (Structures) & 83A–01–92 (Roadway), (Haleiwa Bypass) 1994 2.10 | FAP 3–D, (Part of project on old alignment) 1937 4.33 212+98 ^61+00 | FAP 3–A, 1928

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Jan 2003, DB

Revised	
Apr 04	D.B.
Aug. 04	D.B.
5/06	G.N.
9/10	D.B.

ROAD INVENTORY

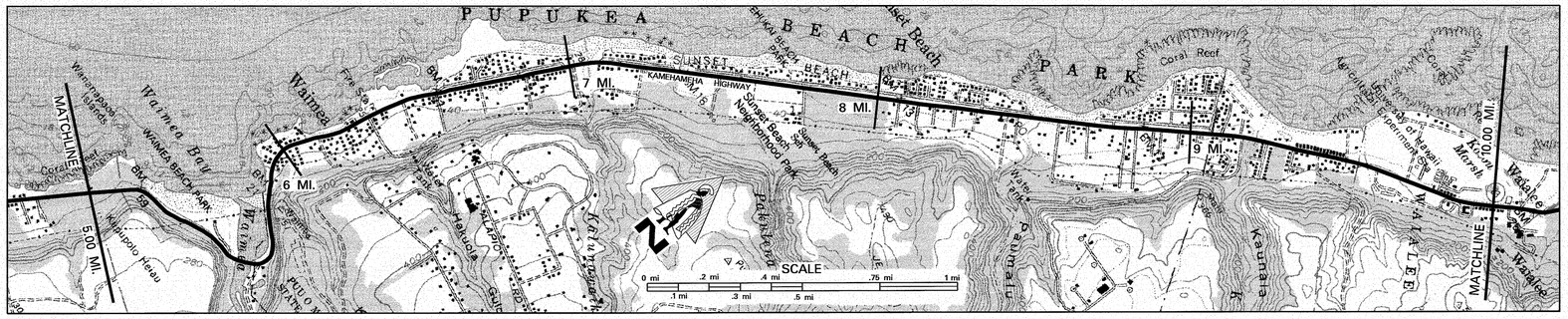
OAHU RTE 83
KAMEHAMEHA HIGHWAY

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

5 | 6 | 7 | 8 | 9 | 10

83B (11.97 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
TBM 1930, H15 | 268′ (5.56) | 24′
Slab 1930, H15 | 90′ (8.52) | 23′
TBM 1929, H15 | 32′ (9.22) | 24′

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)
Bushes & Trees (5.58) | Residential (7.24) | Bushes & Trees | 15′ FP | 1000′ Clear Pasture | 20′ FP | (W/W) | (Residential)

Right of Way Fence: Type – Right and Left CL=Chain Link W/W=Wire on Wood FP=From Edge of Pavement
10′ FP (7.82 C.L. 7.26; 7.40 W/W 8.00; 8.08 C.L. 8.26)
15′ FP (9.22 W/W 9.35; 9.42 C.L. 9.58)
(9.58 C.L. .69 W/W 9.71; 9.75 C.L. 9.87)

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
83B-01-98, 2001 Inter. Imp. (6.25 – 6.44)
83B-01-97M Resurface 1997 | STP-083-1(45), 2000 Rockfall Remediation (5.58 – 5.80)
83B-01-88M Resurface 1988 | FR-083-1(18), (R) 1983 (9.34)

Project No., Type of Construction, and Year Constructed

Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1. 5.00 mi.

Ili' Ohu Place; Waimea Valley Adventure Park; Waimea Bridge; Waimea Beach Park Road; KAMEHAMEHA HIGHWAY; 6 MP; Kapuhi Street; Pohaku Place; Shopping Cntr. Rds.; Kahuku Hospital; Kahuku Place; Bag. Divided Hwy.; Pohaku Road End Divided Hwy.; Puala Road; Kumupali Road; Ke Iki Road; Hakuola Road; Ke Iki Road; 7 MP; Kahuku Road; Ke Iki Road; Ke Waena Road; Pukas Road; Culvert; Ke Waena Road; Culvert; Ke Nui Road; Sunset Beach Elem. School; Ehukai Beach Park; 8 MP; Ke Nui Road; Barros Road; Ke Nui Road; Ke Nui Road; Paumalu Place; Sunset Beach Neighborhood Park; Paumalu Place; Paumalu Bridge; Ke Nui Road; 9 MP; Culvert; Honiuliuli Street; Restrooms & Parking Lot; Kapa'ui Place; Kapuhulua Street; Kaunala Street; Iwia Place; Mamao Street; Kaunala Bridge; Comsat Station; Makai Place; Kapa'ui Place; Opuhula Street; Kaunala Street; Culvert; Culvert; Road (R); Dairy Road; 10 MP

5.06 mi. | 5.52 mi. | 5.56 mi. | 5.63 mi. | 5.89 mi. | 6.15 mi. | 6.25 mi. | 6.30 mi. | 6.36 mi. | 6.42 mi. | 6.44 mi. | 6.56 mi. | 6.67 mi. | 6.70 mi. | 6.82 mi. | 6.85 mi. | 6.89 mi. | 6.98 mi. | 7.00 mi. | 7.16 mi. | 7.23 mi. | 7.38 mi. | 7.39 mi. | 7.56 mi. | 7.71 mi. | 7.76 mi. | 7.88 mi. | 8.07 mi. | 8.10 mi. | 8.21 mi. | 8.33 mi. | 8.49 mi. | 8.52 mi. | 8.55 mi. | 8.59 mi. | 8.71 mi. | 8.75 mi. | 8.88 mi. | 8.89 mi. | 9.07 mi. | 9.11 mi. | 9.18 mi. | 9.22 mi. | 9.26 mi. | 9.30 mi. | 9.35 mi. | 9.55 mi. | 9.58 mi. | 9.65 mi. | 9.72 mi. | 9.94 mi.

CONTINUED ON SHEET #3. 10.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 5′ AC | 4′ AC | 5′ AC | 4′ AC
Pavement: Width and Type: 22′ AC | 20′ AC | 20′ AC | 22′ AC
Shoulder: Width and Type: 5′ AC | 4′ AC | 5′ AC | 0 | 5′ AC | 4′ AC

Divided Highway – Divided

Median: Width and Type: 8.5′ Paint
Median Barriers:
Shoulder: Width and Type: 0
Pavement: Width and Type: 10′ AC
Shoulder: Width and Type: 5′ AC

Number of Traffic Lanes: 2–11′ | 2–10′ | 2–11′

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
10′ T.l.s.
(Right Side)

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

Sidewalk: Width and Type (Right and Left): 5′ Conc.

Curb and/or Gutter: Type (Right and Left): (Concrete Wall w/ Metal Railing) | Conc.

Protective Devices: Type, Location and Number M/M = Metal Rails on Metal Posts
M/M | (M/M) | (Metal on Concrete) | (Conc. Barrier w/ Metal Netting) | (Metal on Concrete)

Illumination: Type, Location and Number
MV 11 Sodium Vapor Lamps | 21 MV | 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:

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

Speed: 1–Design, 2–Posted
(35 MPH (2))
(45 MPH (2)) 35 MPH (2) | (School Zone 25 MPH (2)) | (School Zone 25 MPH (2)) | 45 MPH (2)

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

Traffic Stations (Current Year)
B72 0083 00186 | B72 0083 00633 | B72 0083 00907

HPMS Sections – AADT 2009
17,610 | 13,689 | 11,000

HPMS Sections – AADT 2008
17,633 | 13,707 | 7,961

HPMS Sections – AADT 2007
17,675 | 16,465 | 13,740 | 7,980

DOD Sections: DOD 340

Census Tracts

Functional Classification: Principal Arterial (2)

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

Previous Projects: Project No., Date and Limits
83B-01-87M, (R) 1987
WDR (3)1, 1940 | (83B-01-77M, (Realign.) 1977) | 83C-03-68, 1968 | FR-083-1(18), (R) 1983
FAP 3-A, 1928 | FAP 3-A, 1928 | FAP 3-B, 1930

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
Jan 2003, DB
Revised
Aug. 04 *D.B.*
5/06 *G.N.*
9/10 *D.B.*

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

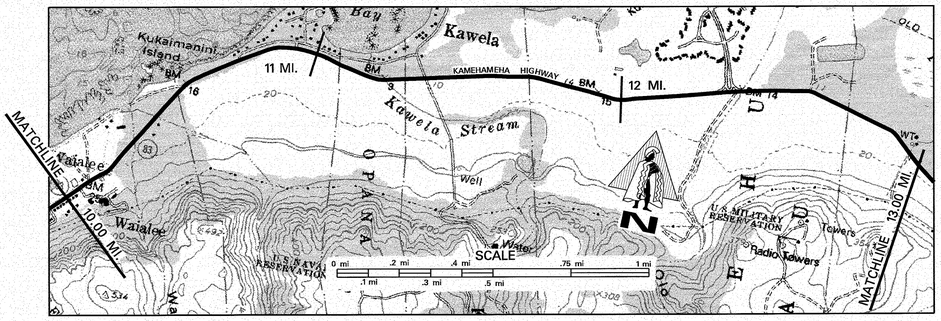
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

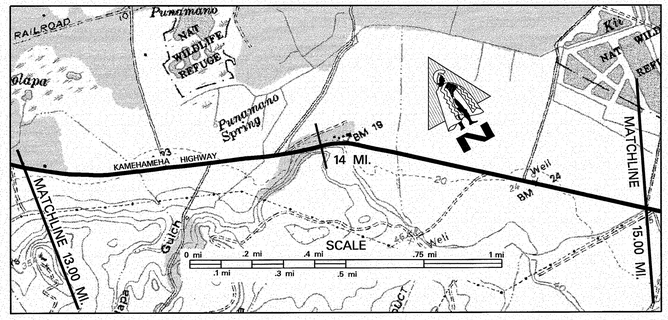
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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 (–)

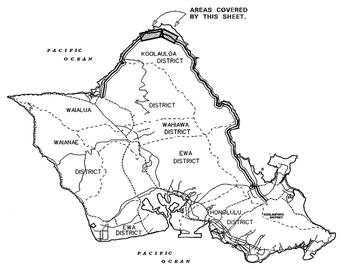
NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 4" = 1 mile

		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. 14.06	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′ (12.27)	Tee Beam 1931, H15 26′ (13.39)	
	Vertical Clearance		24′	24′	24′	24′	
	Horizontal Clearance						
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 11.37 11.52	CL 25′ FP 11.73 12.48	10′ FP W/W 14.08 14.23	15′ FP W/W 14.83 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				NH–083–1(31), (R) 1996 11.38 11.83			
Project No., Type of Construction, and Year Constructed			FR–083–1(18), (R) 1983 10.30	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 10.58 mi. 10.56 mi.
Pahipahialua St. 11 MP 10.96 mi. 10.93 mi.
Kawela Br. 11.22 mi.
Kawela Camp Rd. 11.38 mi.
KAMEHAMEHA HIGHWAY
Culvert 12 MP 11.93 mi. 11.92 mi.
Paved Rd. Kahuku Sta. Kuilima Dr. (Turtle Bay Hilton) 12.38 mi. 12.37 mi. 12.35 mi.
Culvert 12.82 mi.
Culvert 13 MP 12.93 mi.
Marconi Rd. (Kahuku Airport Rd.) Nanahu Br. 13.17 mi.
Kahuku Training Area 13.39 mi. 13.48 mi.
Road 13.62 mi.
Culvert 14 MP 13.81 mi. 13.86 mi.
Culvert 14.00 mi.
14.23 mi.
15 MP 14.93 mi.

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 (1)			
Terrain: 1–Flat, 2–Rolling, 3–Mountainous			Rolling 10.84	Flat			
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 2009				11,000		7,961	
HPMS Sections – AADT 2008				7,961		7,961	
HPMS Sections – AADT 2007				7,980		7,980	
DOD Sections				DOD 340	12.35	13.48	DOD 341
Census Tracts							
Functional Classification				Principal Arterial (2)			
National Highway System (NHS)				ON NHS (1)			
Previous Projects: Project No., Date and Limits			FR–083–1(16), (R) 1983 10.51 FAP 3-B, 1931 10.42 376+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.

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

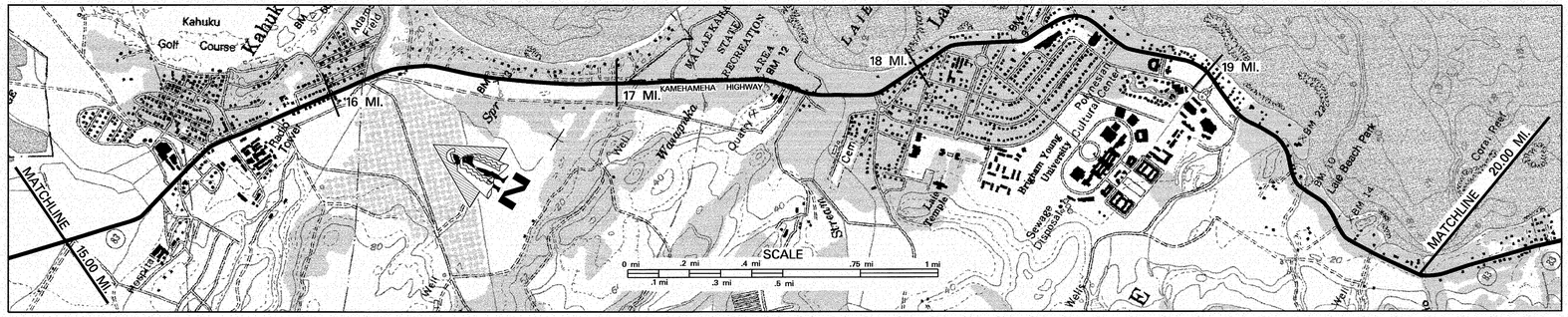
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

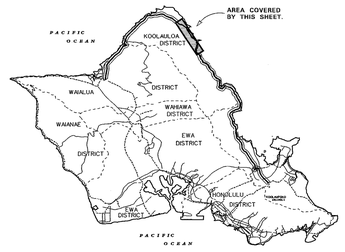
Structure Carrying Road

- 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 (W/W=Wire on Wood CL=Chain Link SW=Stone Wall FP=From Pavement)
- 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



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #3.

15.00 mi.

83C (7.62 mi.)

Pre–stressed Conc. Planks, 2005, HL–93 | 127′ | 15.04 | 40′
4 Cell Box Culvert 2005 HL–93 | 126.5′ | 15.40 | 40′
Pre–Stressed Conc. Girder 1999, HS–20–44 | 107′ | 16.19 | 40′
Slab 1933, H15 | 91′ | 17.66 | 24′
Tee Beam 1932, H15 | 26′ | 18.31 | 24′
Slab 1933, H15 | 90′ | 19.50 | 24′

60′ | 50′

1000' Clear–Sugar & Pasture (R) Beach (L) | 15.40 | 16.07
Residential | 16.15 | 16.47
Trees and Brush | 17.07 | 17.82
Residential | 18.69 | 19.27
Trees and Brush | 19.82 | 20.50

W/W 30′ FP | 15.35 | 15.89 | 20′ FP CL | 15.92 | 16.29 | 20′ FP | 16.29 | (W/W) | 16.47 | 15′ FP W/W | 17.21 | W/W | 17.66
Conc. | 17.82 | 17.96 | 10′ FP | 17.96 | 18.06 | (W/W) | 18.12 | (SW) | 18.21 | 10′ FP | 18.34 | (Wood on Wood) | 18.78 | 18.91 | 18.95 | (Wood on Wood) | 19.03 | 19.06 | 19′ FP | 19.20 | (W/W) | 19.27
(Wood on Wood) | 19.76 | 19.82 | SW | 12′ FP
15′ FP W/W | 15.30 | 15′ FP | 19.82 | SW | 12′ FP

None

State

(623+65) NH–083–1(46) Drainage Imp, 2005 | 15.38
(644+54) | (657+40.41) | 15.82
(666+38.50) | 16.79 | (83C–01–06, IMPRV., 2009) | 16.80 | 16.93 | (BR–083–1(27), Bridge Replacement 1999) | 18.30
NH–083–1(1) Resurface 1996 | 18.39 | (STP–083–1(44), Traffic Signals 2000) | 18.46
(1298+24.41) | 19.89 | (BR–083–1(50), Bridge Replacement, 2007)

83BC–03–89M, (R) 1990

NH–083–1(31), Resurface 1996 | 17.82

Paved Rd. Kii Br. | 15.11 mi.
Fualalea St. Beg. Divided Hwy. Hospital Culvert | 15.38 mi.
Kahuku Sugar Mill | 15.49 mi.
Beg. Divided Hwy. End Divided Hwy. | 15.63 mi.
Puuluana St. | 15.70 mi.
High School Exit End Divided Hwy. | 15.81 mi.
Paved Rd. (L) | 15.91 mi.
Paved Rd. | 16.05 mi.
Malaekahana Br. Paved Rd. | 16.19 mi.
Ent. to Malaekahana Beach Park Puu Honua Rd. | 16.43 mi.
Gunstock Ranch | 16.93 mi.
Rd. to Malaekahana Beach Park | 17.05 mi.
Road Maintenance Phase Waianapanapa (County Baseyard) | 17.20 mi.
Laiewai Br. | 17.58 mi.
Nanilo Loop | 17.66 mi.
Wahinepee St. | 17.83 mi.
Lanihuli St. | 17.97 mi.
Kulanui St. | 18.04 mi.
Halelaa Blvd. | 18.09 mi.
Laiewai Br. Beg. Divided Hwy. Laiewai Br. | 18.23 mi.
Anemoku St. Shopping Cntr. | 18.31 mi.
End Divided Hwy. | 18.37 mi.
Nanilo Loop | 18.43 mi.
Paved Rd. | 18.54 mi.
Polynesian Cultural Cntr. Beg. Divided Hwy. | 18.70 mi.
Polynesian Cultural Cntr. End Divided Hwy. | 18.86 mi.
Culvert (Waiaele Strm.) | 18.91 mi.
Laiemaloo Br. | 19.00 mi.
Beach Park Road | 19.05 mi.
Culvert | 19.16 mi.
Paved Rd. | 19.19 mi.
Paved Rd. | 19.33 mi.
Paved Rd. | 19.50 mi.
Paved Rd. | 19.59 mi.
Paved Rd. | 19.84 mi.
Paved Rd. | 19.89 mi.

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

KAMEHAMEHA HIGHWAY

CONTINUED ON SHEET #5.

20.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

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

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 (M/M = Metal Rails on Metal Posts)
- Illumination: Type, Location and Number
- Curves: Degree of Curvature (Right and Left)
- Superelevation (Range)
- Grades: % Grade, Positive or Negative
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development:
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- Speed: 1–Design, 2–Posted
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Stations (Current Year)
- HPMS Sections – AADT 2009
- HPMS Sections – AADT 2008
- HPMS Sections – AADT 2007
- DOD Sections
- Census Tracts
- Functional Classification
- National Highway System (NHS)
- Previous Projects: Project No., Date and Limits

4′ AC | 15.58 | 40′ Grass | 6′ AC | 8′–13′ Grass | 17.00 | 16′–22′ Grs. | 17.25 | 10′–16′ Grass | 17.88 | 6′–14′ Grass | 17.82 | 16′–18′ Grass | 18.77 | 0′–10′ Be. 0 Coral | 18.32 | 3′ AC | 18.88 | 10′–12′ Grass/Coral

22′ AC | 11′ AC (22′ AC) | 11′ AC | 22′ AC | 16.09 | 24′ AC | 16.30 | 22′ AC | 17.06 | 6′–10′ AC/Grv. | 17.59 | 6′ Grass | 17.84 | 6′–22′ Grass | 18.02 | 3′ AC | 11′ AC | 22′ AC | 19.36 | 10′ AC | 11′ AC | 22′ AC
4′ AC | 0 (2′ AC) | 0 | 20′–24′ Dirt | 6′ AC | 6′–12′ Grass | 8′ Grass | 3′ AC | 0 | 8′–10′ Grass | 10′ AC | 0 | 10′ AC | 8′ Grass/Dirt | 19.62 | 10′ Grv. | 19.72 | 8′ Grass

0′–10′ Painted AC | 15.35 | 15.60 | 10′ Painted AC | 15.63 | 15.79 | 0′–10′ Painted AC | 18.34 | 18.54 | 18.00 | 0′–10′ Painted AC | 18.19
0 | 0 | 0 | 0
11′ AC | 11′ AC | 11′ AC | 11′ AC
2′ AC | 6′ AC | 3′ AC | 10′ AC

2–11′ | 16.09 | 2–12′ | 16.30 | 2–11′

10′ (L) TLs | 15.78 | 15.70 | 15.66 | 18.20 | 18.39 | 18.43 | 18.45 | 18.93 | 19.05 | 19.23

4′ AC S.W. | 15.43 | (5′ Conc. SW) | 15.72 | 15.69 | 6′ AC S.W. | 16.28 | (4′ AC S.W.) | 17.74 | 17.73 | 17.71 | (M/M) | 17.66 | (M/M) | (8′ AC) | (11′ AC) | (10′ AC)

Mercury Vapor | 15.40 | 36 HPS Luminaires | 16.20 | 17.20 | 14 Sodium | 17.84 | 18.03 | Mercury Vapor | 19.44

Rural (1) | 17.66 | Small Urban (2) | 19.34 | Rural (1)

Flat

45 MPH (2) | 15.26 | 35 MPH (2) | 16.23 | 16.27 | 45 MPH (2) | 17.71 | 35 MPH (2) | 17.89 | School Zone – 25 MPH (2) | 18.49 | 25 MPH (2) | 19.25 | 19.27 | 35 MPH (2)

15.70 | 3 Phase | 3 Phase

| | | |

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

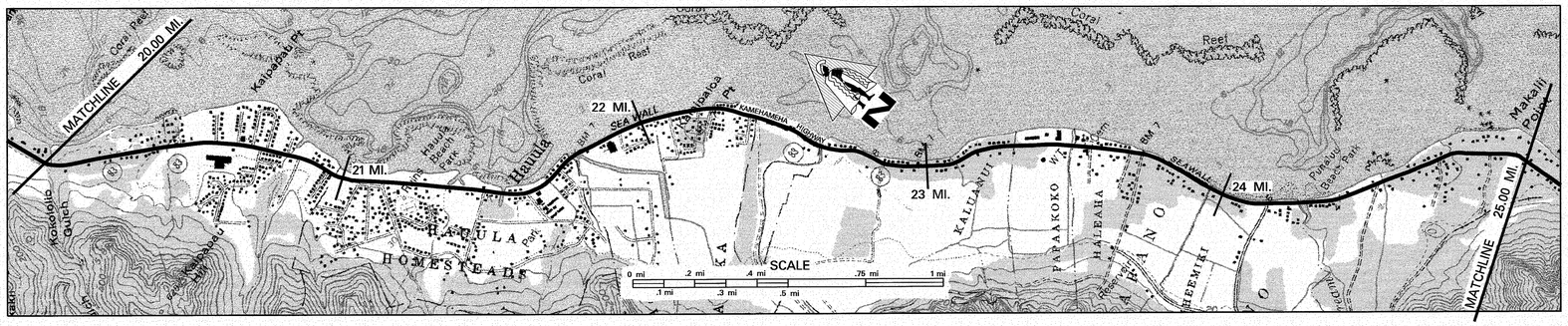
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 (–)

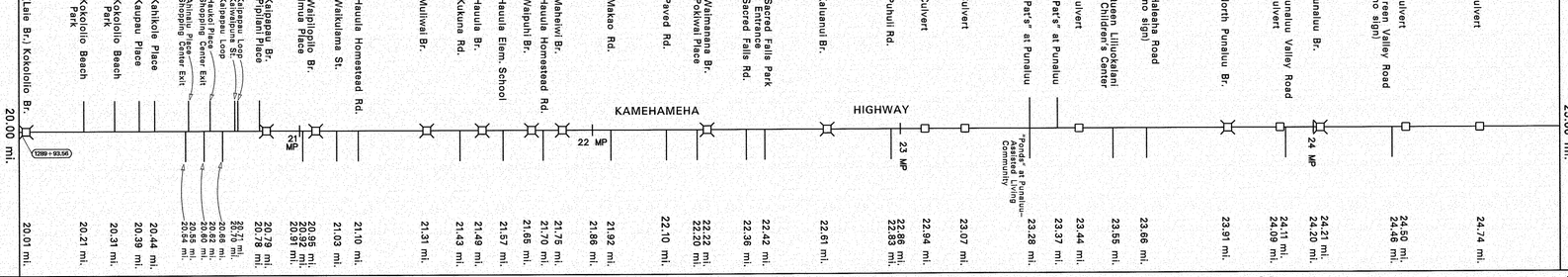
NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year 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
	Vertical Clearance	57' | 82' | 25' | 110' | 26' 24' | 54' | 72' | 126' | 37' | 126'
	Horizontal Clearance	40' | 24' | 24' | 23' | 24' 24' | 23' | 23' | 23' | 23' | 23'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		50'
Available Right of Way Width (Needs Study)		Trees & Brush | Residential | Residential (R), Beach (L)
Right of Way Fence: Type – Right and Left W/W=Wire on Wood SW=Stone Wall FP=From Pavement		(SW) 12' FP | W/W 12' FP | 20' FP | W/W | SW | (W/W) | 15'-20' FP | W/W | S W/W | 50' FP | W/W | 50' FP | W/W | 50' 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
Project No., Type of Construction, and Year Constructed		(BR-083-1(50), Bridge Replacement, 2007)
Project No., Type of Construction, and Year Constructed		NH-083-1(31), Resurface 1996 | 83D-01-96M, Resurface 1997



CONTINUED FORM SHEET #4.

CONTINUED ON SHEET #6.

Road Diagram
* MP=Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Divided Highway	Undivided	Shoulder: Width and Type
		Pavement: Width and Type
		Shoulder: Width and Type
		Median: Width and Type
		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)		(M/M) | (M/M)
Protective Devices: Type, Location and Number M/M=Metal Rails on Metal Posts		
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 (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Flat
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 2009		12,982 | 9,963
HPMS Sections – AADT 2008		12,999 | 9,976
HPMS Sections – AADT 2007		13,030 | 10,000 | 9,700
DOD Sections		DOD 341
Census Tracts		
Functional Classification		Principal Arterial (2)
National Highway System (NHS)		ON NHS (1)
Previous Projects: Project No., Date and Limits		83C-01-81M, (R) 1981 | FAP 1-D, 1933 | FAP -1E, 1932) | 83 DE-01-69, (R) 1969 | 83 DEF-01-82M, (R) 1983 | FAP 1, 1927

SCALE: (In Miles) 4" = 1 mile

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.

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

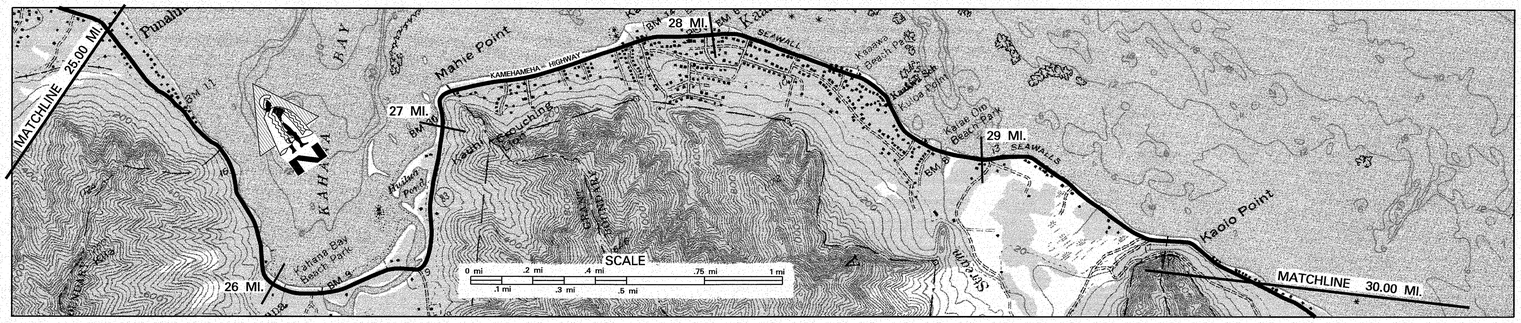
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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' (25.16) | 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 Over Road

Vertical Clearance

Horizontal Clearance

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

50'

Available Right of Way Width (Needs Study)

Residential (R), Beach (L) | Trees & Bushes | Residential

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

10' FP W/W | 10' FP W/W CL 10' FP | CL 10' FP | W/W 15' FP | W/W 15' FP | W/W 15' FP | SW 15' FP | W/W 15' FP | W/W 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)

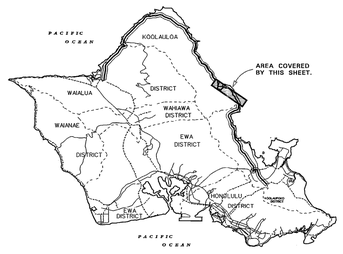
STA 913+00 | State

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 25.27 mi. | Culvert 25.86 mi. | Kahana Br. 26.03 mi. | Kahana Valley State Park 26.12 mi. | Parking Area 26.16 mi. | 26 MP | Trout Farm Road 26.31 mi. | Kahana Br. 26.35 mi. | Driveways to Crouching Lion 26.48 mi. | Street 27.15 mi. | Keo Place 27.27 mi. | Lau Place 27.42 mi. | Keo Place 27.45 mi. | Fire Station (R) 27.52 mi. | Huamalani Rd. 27.69 mi. | Makaua Rd. 27.73 mi. | Makaua Br. 27.77 mi. | Swanzy Beach Park 27.85 mi. | Hi'iaka Rd. 27.89 mi. | Polinalina Rd. Culvert 28.03 mi. | Culvert 28.07 mi. | Puukeniken Rd. 28.23 mi. | Ohelokei Rd. 28.26 mi. | Kaaawa Beach Park 28.39 mi. | Kaaawa Entrs. 28.46 mi. | Kaaawa Elem. School 28.58 mi. | Kaaawa Br. 28.61 mi. | Kaaawa Place 28.72 mi. | Kaaawa Br. 28.76 mi. | Pohuehue Rd. 28.82 mi. | 29 MP 29.35 mi.

KAMEHAMEHA HIGHWAY

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 (25.30) | 6'–8' Grass (25.43) | 10'–12' Grass (26.09) | 4' AC (26.91) | 4'–6' AC (27.07) | 6'–12' AC (27.24) | 6' AC

Pavement: Width and Type

24' AC (25.61) | 20' AC (26.65) | 22' AC

Shoulder: Width and Type

5' AC (25.30) | 7'–10' Coral (25.39) | 0 (25.53) | 8'–10' Grass (26.58) | 4' AC (26.80) | 8' AC/Grs. (27.07) | 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' (25.61) | 2–10' (26.65) | 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)

4' B.P. S.W. (28.39–28.40)

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

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

Wood Rails on Wood Posts (25.41–25.96) | M/M (25.96–26.15) | M/M (26.24–26.43) | M/M (26.51–26.70) | (M/M) (26.70–26.92) | M/M (27.07–27.35) | (M/M) (27.16–27.71) | (27.74–28.27) | (28.35–28.76) | (28.85–29.40) | (29.44–29.56) | (29.66–29.87) | (29.87–30.77)

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 (1) | SMALL URBAN (2)

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

Flat (25.39) | Rolling (27.11–27.85) | Flat

Speed: 1–Design, 2–Posted

35 MPH (2) | School Zone– 25 MPH (2) (28.57–28.58) | 45 MPH (2) (29.21–29.39)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B72 0083 02242 | B72 0083 02711

HPMS Sections – AADT 2009

9,963 | 13,200

HPMS Sections – AADT 2008

9,976 | 10,900

HPMS Sections – AADT 2007

9,700 | 10,000 | 11,010 | 10,605

DOD Sections

DOD 341 (27.44–28.07)

Census Tracts

Functional Classification

Principal Arterial (2) | Principal Arterial (14)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

83 DEF-01-82M (R) 1983 (25.30) | 83 DF-01-69, (R) 1969 (26.09) | FR-083-1(17), Resurface 1983 (27.60) | 83D-01-86M, Resurface 1987

83 DF-01-69, (R) 1969 | 83E-02-68, 1968 (26.91) | 83D-01-72, 1973 (27.25) | (Job # 5616, 1952) (27.36) | 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.

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

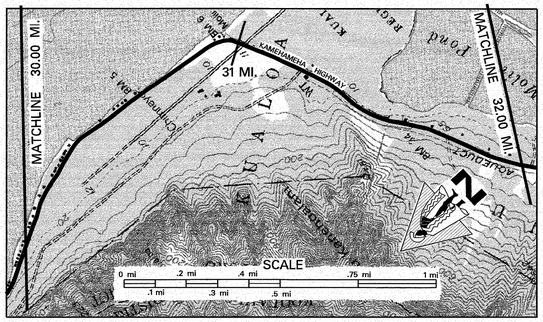
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

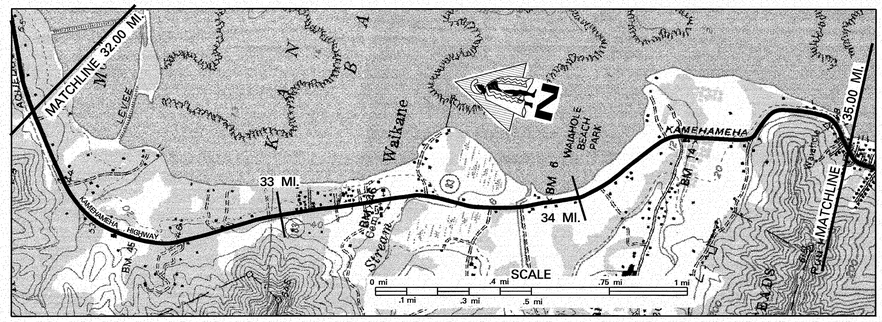
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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. 34.11 | 83E (1.82 mi.)

Structure Carrying Road

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

TBM 1922, H15 | TBM 1928, H15 | Slab 1928, H15 | TBM 1922, H10

Vertical Clearance

32′ (32.30) | 44′ (33.54) | 54′ (33.73) | 66′ (34.35)

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 Width (Needs Study)

Right of Way Fence: Type – Right and Left W/W=Wire on Wood FP=From Pavement

Residential: 15′ FP W/W (30.41–30.69); 10′ FP [W/W] (30.89–31.00); 10′ FP W/W (31.00–31.27); 15′ FP W/W (31.85–32.17); Pasture & Residential: 20′ FP W/W (32.49–33.03); [W/W] 12′ FP (33.26–33.36); 20′ FP (W/W) (33.36–33.79); 20′ FP W/W (33.80–34.35)

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

None

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

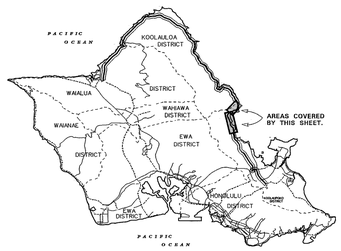
State

Project No., Type of Construction, and Year Constructed

N–083–1(43), RESURFACE 2005 | STA 518+50 (34.33)

Project No., Type of Construction, and Year Constructed

STP–083–1(28), Resurface 1996



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #6. 30.00 mi.

30 MP: Telemetry Sta. 029 Ch. 1 with Smoke Stack (30.37 mi.); Kualoa Ranch Rd. (30.59 mi.); Telemetry Sta. 030 Ch. 1 with Smoke Stack (30.58 mi.); Kualoa Beg. Divided Hwy. (30.74 mi.); End Divide Hwy. Park Rd. to Kualoa (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 (33.99 mi.); Waiahole Valley Road (34.35 mi.); STA 519+00 (34.37 mi.); 34 MP; Waiahole County Br. (34.53 mi.); Waiahole Hmstd. Road (34.61 mi.)

KAMEHAMEHA HIGHWAY

CONTINUED ON SHEET #8. 35.00 mi.

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 (30.42–30.78) | 6′ AC | 0 | 6′ AC | 4′ AC | 7″ AC (33.31–33.39) | 6′ AC | 12′ AC (34.35–34.37) | 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)

3′–5′ AC S.W. (34.65)

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

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

M/M (32.86–32.78) | Inertial Barrier System (33.66) | M/M (34.30–34.23) | M/M (34.32)

Illumination: Type, Location and Number

Incandescent (30.59–31.05) | Mercury Vapor | 21 MV Lamps | MV (34.26–34.35) | Incandescent (34.51)

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 (2) | Small Urbanized (3) (Kaneohe/Kailua–320) (34.51)

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

Flat (31.20) | Rolling (31.20–33.27) | Flat (34.22) | Rolling (34.33)

Speed: 1–Design, 2–Posted

45 MPH (2) | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B72 0083 02711 | B72 0083 03431

HPMS Sections – AADT 2009

13,200 | 17,510

HPMS Sections – AADT 2008

10,900 | 17,533

HPMS Sections – AADT 2007

10,605 | 11,920 | 17,575

DOD Sections

DOD 341 (31.15–34.31)

Census Tracts

Functional Classification

Principal Arterial (14)

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 | F–083–1(22), Resurface 1986 (34.37)

HES–ROS–083–1(12), (Safety Improvements) 1986

30.44 | 83E–02–68, 1968 | 34.36 83E–01–74, (R) 1975

FAP 1, 1925 30.53 | 30.86 711+00 – 695+02.17 | FAP 1B, 1927 | (FAP 1A, 1925) 34.20 525+00 – 519+26 | 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.

ROAD INVENTORY

OAHU RTE 83

KAMEHAMEHA HWY., KAHEKILI HWY.

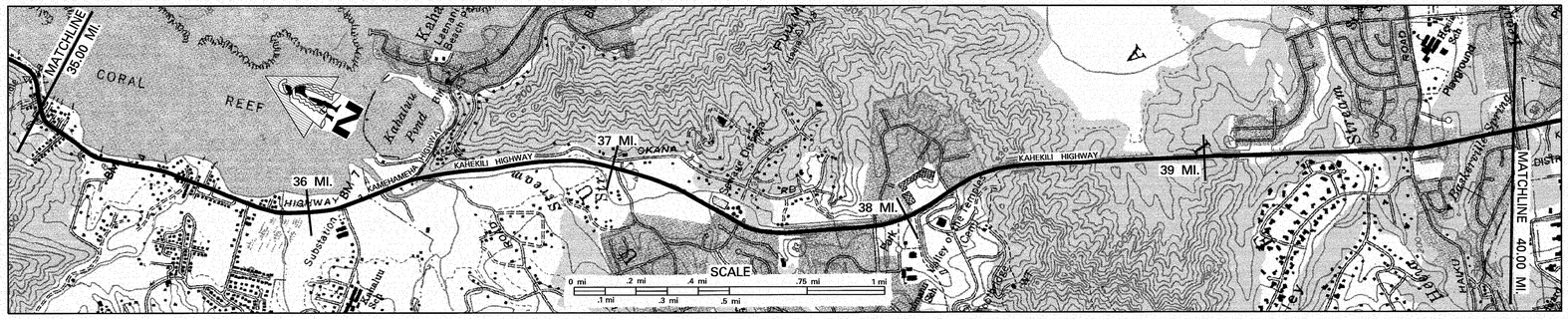
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

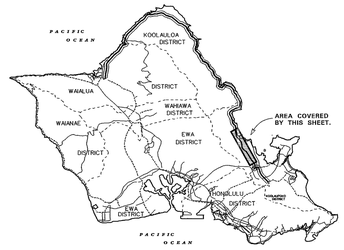
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

Indicates Grass & / or Physical Barrier on Median.

CONTINUED FROM SHEET #7.

CONTINUED ON SHEET #9.

		35	36	37	38	39	40
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	Slab 1923, H10	Slab 1922, H10		P/CB 1971, HS20		
	Vertical Clearance	41'	90'		82'		
	Horizontal Clearance	23'	23'		46'		
Structure Over Road	Vertical Clearance						
	Horizontal Clearance						
Right of Way Width (min.–max.) if varies		50'	170'–230'		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	15' FP W/W		50' FP W/W		W/W (CL)	
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	(83F–01–99, Inter. Impr., 2009)		NH–083–1(60), Inter. Impr., 2009		NH–083–1(49), Landscaping, 2006
Project No., Type of Construction, and Year Constructed		F–083–1(22), (R) 1986	83EF–02–86 (R) 1987		83F–01–97M, Resurface 1998		NH–083–1(26), Widening 1997

Kalmalolo Place; Culvert Pulama Rd. Culvert; Kaalaea Br. Nukuwel Place; Kaalaea Rd.; Waiehua Rd. Culvert; Waiehe Rd.; Tourist Stop End Divided Hwy. Beg. Divided Kahaluu Br.; Beg. Divided Hwy. End Divided Hwy. Kamehameha Hwy.; Beg. Divided Hwy. End Divided Hwy. Lulani St.; Ahuimanu Rd. Beg. Divided Hwy.; Ahuimanu Rd. End Divided Hwy.; Ahuimanu Strm. Br. Beg. Divided Hwy.; Ahuimanu Pl. Beg. Divided Hwy. Sewage Treatment End Divided Hwy.; Beg. Divided Hwy. End Divided Hwy. (Peal Chly); Waiahuiwa Street Beg. Divided Hwy.; Huiiwa Street End Divided Hwy.; Beg. Divided Hwy. Halaku Rd.; Kahuhipa St.

KAMEHAMEHA HWY. — KAHEKILI HWY.

35.07 mi.; 35.24 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.; 36.41 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.; 39.92 mi.

		35	36	37	38	39	40
Divided Highway Undivided	Shoulder: Width and Type	(4' AC) 4' AC	4' Dirt	4'–8' AC	12' AC	4' AC 10' AC	4' AC 8' Dirt 8'–10' AC/Dirt 10' AC	6'–10' AC 5' Conc. Bike Lane
	Pavement: Width and Type	(10'–12' AC) 22' AC	21' AC (12' AC)	24' AC 12' AC (24' AC)	24' AC 12' AC 24' AC 12' AC	12' AC	24' AC	12' AC 24' AC 36' AC
	Shoulder: Width and Type	3'–5' AC	0	0 5' AC 0 (5' AC)	0 12' AC 0 12' AC 4' AC 0	10'–12' Grass 0	8' Dirt 6' AC/Dirt 10' AC	(12'–22' Painted AC) 0 (14' Conc. Median Barrier Planter, with Shrubs)
Divided Highway	Median: Width and Type		(0'–4' Paint) 0'–12' Paint	0'–6' Paint 0'–12' Paint	0'–6' Paint	0'–14' Paint		0'–10' Paint (12'–22' Painted AC)
	Median Barriers: ——— = Conc. Barrier							(2' Conc. Barrier) (2' Conc. Barrier)
	Shoulder: Width and Type		0 0 0	0	0	0		0
	Pavement: Width and Type		(12' AC) 12' AC	12' AC 12' AC	12' AC	12' AC		12' AC 24' AC 36' AC
	Shoulder: Width and Type		(5' AC) 5' AC	12' AC	12' AC	4' AC (10'–12' Grass) 10'–12' Grass 6' AC		4' AC 5' Conc. Bike Lane
Number of Traffic Lanes		2–11'	2–10.5'		2–12'			1–12' 2–12' 3–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)			1–10' T.L.	12' T.Ls	12' TLs	12' TLs		
(Right Side)			10'					
Frontage Road: No. of Lanes, and Width (Right and Left)								
Sidewalk: Width and Type (Right and Left)		3'–5' AC S.W.			5' CONC. S.W. 7' AC			6' Conc. S.W. 6' Conc. S.W.
Curb and/or Gutter: Type (Right and Left)				M/M	M/C	M/M		M/M
Protective Devices: Type, Location and Number M/M= Metal Rails on Metal Posts M/C = Metal Rails on Conc. Posts			M/M		M/C	M/M		M/M
Illumination: Type, Location and Number		Incandescent	MV 14 HPS	(M/C) 24 HPS	HPS	M/M		M/M 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:				Small Urbanized (3) (Kaneohe/Kailua – 320)				
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Rolling	Flat			Rolling		
Speed: 1–Design, 2–Posted		35 MPH (2)			45 MPH (2)			35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing			3 Phase	3 Phase	(School Zone – 25 MPH (2)) 3 Phase			2 Phase 3 Phase
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 2009		17,510	17,007	10,900	21,740		28,883	27,900 (35,800)
HPMS Sections – AADT 2008		17,533	17,029	17,029	21,768		28,921	30,936 (40,304)
HPMS Sections – AADT 2007		17,575	17,070		21,820 28,990			31,010 (40,400)
DOD Sections		DOD 341			DOD 345			
Census Tracts								
Functional Classification				Principal Arterial (14)				
National Highway System (NHS)				On NHS (1)				
Previous Projects: Project No., Date and Limits		HES–ROS–083–1(12), (Safety Imprv.) 1986	(83F–02–91, 1993 Inter. Imprv.)	(STP–083–1(29), 3 Phase Traffic Signal 1996) 83EF–02–86, (Reconstruct & Resurface) 1987				NH–083–1(26), Widening 1997
		83E–01–74 (R) 1975	83E–01–73(W), 1975	83F–01–88M, (R) 1988				83F–01–86, Imprv. 1987
		County Project	BD 67–320 1969	FR–083–1(14), (R) 1981				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.

ROAD INVENTORY

OAHU RTE 83

KAHEKILI HWY., LIKELIKE HWY., KAMEHAMEHA HWY.

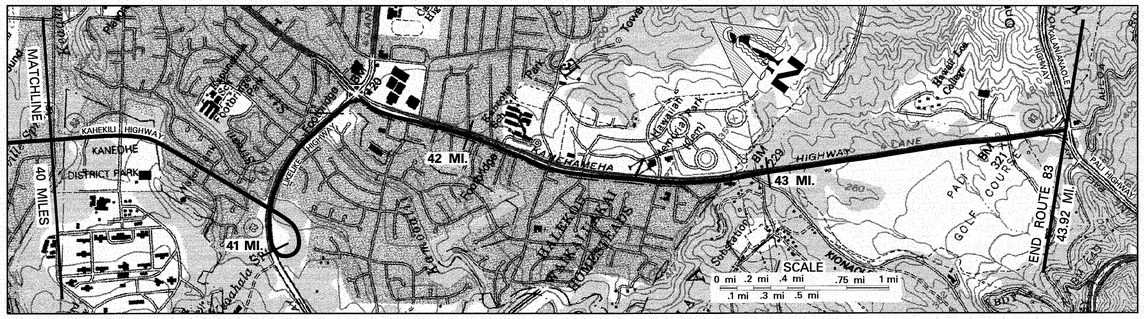
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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
- 53' / 39'
- 16' 6"

Horizontal Clearance
- 47' | 50'
- 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)

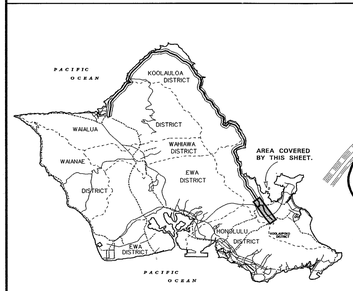
Right of Way Fence: Type – Right and Left
- None | Partial

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

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

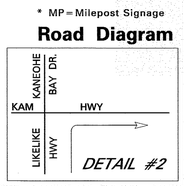
Project No., Type of Construction, and Year Constructed
- NH-083-1(49), 2006 Landscaping | (63A–01–89M, 1990) HWY–O–05–06M, Resurf, 2007 | 83G–01–03M, Resurfacing, 2006

Project No., Type of Construction, and Year Constructed
- NH–083–1(26), Widening 1997 | I–H3–1(72), 1996 | 63A–01–89M, 1990 | NH–083–1(41), Resurface 2000 | I–(R–H3–1[24]:11 Halekou Interchange, 1988 | FR–083–1(15) (R),1982



* MP = Milepost Signage

Road Diagram



ROUTE CONTINUED FROM SHEET #8. 40.00 mi.

Keaahala Rd. | Kulukeoe St. | 40 MP | Likelike Hwy. (L) & (R) | Kahekili Hwy. (L) | Pedestrian O.P. | Culverts | Anoi Rd. | Kamehameha Hwy. | Likelike Hwy. | Kaneohe Bay Dr. | Luluku Rd. | Koakahiko Rd. | Duncan Dr. | Puahuula Pl. | Kaneohe Sch. Rd. | Mokulele Dr. | Haw. Mem. Pk. | Haw. Mem. Pk. | Koolau View Dr. | Kahekili Hwy. | Ramp "E" | Ramp "D" | Ramp "F" | Ramp "G" | Ramp "H" | ECB | Culvert | Hawaii Loa College

SEE DETAIL #1 | NO TRAVELWAY (–) RUN | SEE DETAIL #2

KAHEKILI HWY. | LIKELIKE HWY. KANEOHE I.C. LOOP (+) RUN | LIKELIKE HWY. | KAMEHAMEHA HWY. | END ROUTE 83 ON KAMEHAMEHA HWY. AT THE NORTHWEST EDGE OF PAVT OF KALANIANAOLE HWY. & PALI HWY (RTE 61).

40 MP | 40.64 | 41.12 | ECB | 42.05 mi. | 42.92 | 42.66 | 42 MP 43.08 | 43 MP | 43.92 Mi.

SEE POINTS ON DETAIL #1 — Indicates Grass & / or Physical Barrier on Median.

40.14 mi. | 40.46 mi. | 40.60 mi. | 41.29 mi. | 41.35 mi. | 41.38 mi. | 41.43 mi. | 41.58 mi. | 41.76 mi. | 41.85 mi. | 41.96 mi. | 41.99 mi. | 42.09 mi. | 42.24 mi. | 42.34 mi. | 42.59 mi. | 42.66 mi. | 42.77 mi. | 42.88 mi. | 43.71 mi. | 43.80 mi. | 43.91 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- 5' Conc. Bikelane | 10'–12' AC | 0 (No Travelway) | 7' – 8' AC | 0 | 8' AC | 10' AC | (10' CORAL) | 5' AC | 9' Grass | 4" AC | 0

Pavement: Width and Type
- 36' AC | 0 (No Travelway) | 24' AC | 36' AC | 24' AC | 36' AC | 24' AC

Shoulder: Width and Type
- 0 | (14' Conc. Median Barrier Planter with Shrubs) | 0 (No Travelway) | 0 | 4' AC | 0 | 3' Conc C&G | 0 | 2" AC | 0

Median: Width and Type
- Varies 12'–22' | Varies 12'–22' | 6' – 23' GRASS | 0 – 64' GRASS | 16'–35' Gra | 6' GRASS | 30' GRASS | 15' GRASS
- 2' Conc. Barrier | 2' Conc. Barrier | Double Steel Guard Rails | 2' Curb & Gutter | Chain Link Fence on Median

= Conc. Barrier = Guard Rails

Shoulder: Width and Type
- 0 | 0 | 4' AC | 0 | 3' C&G | 0

Pavement: Width and Type
- 36' AC | 12' AC | 15' AC | 12' AC | (36' AC) | 24' AC | 22' AC | 24' AC | 21' AC | 24' AC | 20' AC

Shoulder: Width and Type
- 5' Conc. Bikelane | 10'–14' AC | 0 | 10' AC | 8' AC | 5' AC | 8' AC

Number of Traffic Lanes
- 6' – 12' | 4–12' | 2–12' | 3–12' | 2–11' | 2–12' | 3–12' | 2–10.3' | 2–12' | 2–10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — All TL's 11' except where indicated
- 1–12' | 1–15' | 0–0' | 2–12' | 3–12' | 1–12' | 1–12' TL | 1–10' TL
- (Right Side) — Decel. Ln. | 12' TL's

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

Sidewalk: Width and Type (Right and Left)
- 6' Conc. S.W. | 6' Conc. S.W. | 3' AC | 9' 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:
- Small Urbanized (3) (Kaneohe/Kailua – 320)

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

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) | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase

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 2009
- 35,800 | 31,194 | 19,600 | 30,200 | 35,220 | 34,517

HPMS Sections – AADT 2008
- 40,304 | 31,235 | 31,235 | 33,555 | 35,266 | 34,562

HPMS Sections – AADT 2007
- 40,400 | 31,310 | 33,635 | 33,350 | 34,545 | 34,645 | 44,140

DOD Sections
- DOD 345 | DOD 350 | DOD 355

Census Tracts

Functional Classification
- Principal Arterial (Connecting Link) (14)

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

Previous Projects: Project No., Date and Limits
- 83F–01–86, (Imprv.) 1987 (63A–01–89M, 1990) | 83G–01–88M, (R) 1989 | I–IR–H3–1(24):11, (Halekou Interchange) 1988
- 83EF–02–86, (Reconstruct. & Resurface) 1987
- 83F–01–86, (Imprv.) 1987 | F–083–1(10), (Imprv.) 1981
- (83F–02–75, 1976) | 83H–02–71, (R) 1971 | 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 | F–083–1(1), 1955–1957
- (S–0630 (4), 1959)

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan 2003, DB

Revised	
6/06	DB
3/07	DB
12/07	DB
9/10	DB

ROAD INVENTORY

OAHU RTE 92
NIMITZ HWY., AND ALA MOANA BLVD.

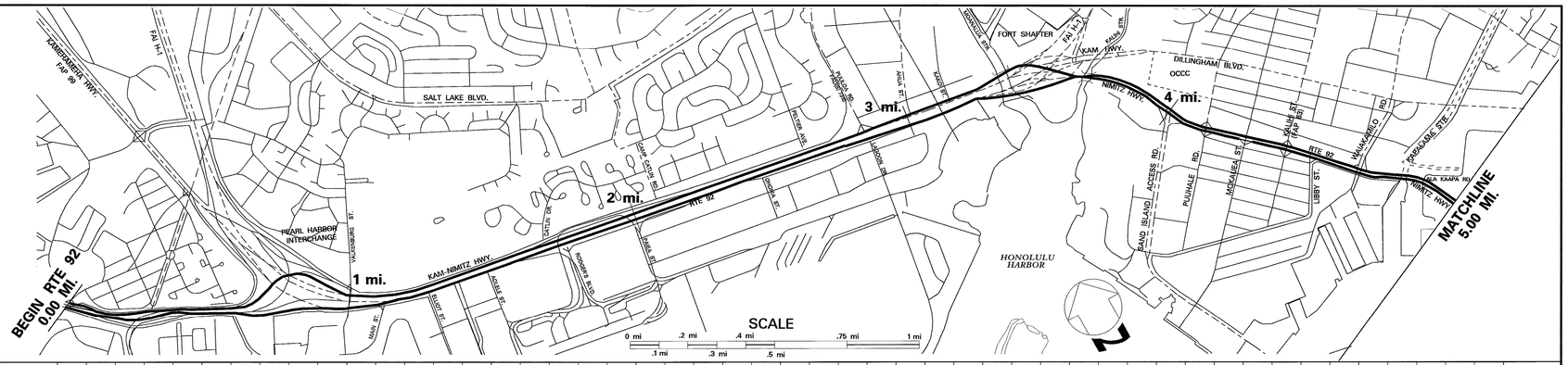
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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' | 60'–160'

Available Right of Way Width (Needs Study)

MILITARY RES. | INDUSTRIAL/COMMERCIAL

Right of Way Fence: Type – Right and Left

CL 8' FP | CL 8' FP | CL 8' 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

IR-H1-1(210):17 1992 (Trestle) | (NH–H1–1(246) Zipper Ln. Ext., 2006)

Project No., Type of Construction, and Year Constructed

NH–092–1(22), 1995(R) | STP–092–1(24), Resurface 2000 | I–H1–1(133):17,1984 PARTIAL CONST. | A–92–01–64, 1964(R) | 92A–03–03M, Resurface, 2006 | 92A–01–00, Imprv. 2003 | 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 guardhouse)

0.00 MI.

KAM–NIMITZ HIGHWAY | NIMITZ HIGHWAY

BEG. STRUCTURE | END STRUCTURE | RAMP R–H | RAMP R–HI | RAMP R–HI MERGE | RAMPS TO H–1 & RTE 99 PEDESTRIAN O.P. | RAMP TO KAM HWY (ARIZONA MEM.) & H–1 | RAMP FROM KAM HWY | VALKENBURGH ST. | MAIN ST. | ELLIOTT ST. | AOLELE ST. | SERVICE ROAD | CATLIN DR. | ROBERTS BLVD. | SERVICE ROADS | PAIEA ST. | CAMP CATLIN RD. | SERVICE ROADS | 2.49 MI. | SERVICE ROADS | PELTIER AVE. | SERVICE ROADS | PUULOA RD. (RTE 7301) | AHUA ST. | STRUCTURE | KAKOO ST. | KEEHI LAGOON PARK ENTRANCE | KALIHI BLVD. | MOANALUA BRIDGE | ON–RAMP from H–1 | KALIHI BRIDGE | 3.65 MI. | 14 MP | CONTRA–FLOW CROSSOVER | SAND ISLAND ACCESS RD. | PUUHALE RD. | MOKAUEA ST. | KALIHI ST. (RTE 163) | LIBBY ST. | WAIAKAMILO RD. | KAPALAMA BR. | ZERO BASE PIER 38' / 39' (R) (L)

sta. 3C | sta. 3TA | sta. 3T | sta. 3FA | sta. 3EA | sta. 3HA | sta. 3 | sta. C226A | sta. SL 10 | sta. 202 | sta. 225 | sta. SL–20 | sta. 201

0.19 MI. | 0.24 MI. | 0.27 MI. | 0.28 MI. | 0.44 MI. | 0.59 MI. | 0.60 MI. | 0.91 MI. | 0.97 MI. | 1.00 MI. | 1.08 MI. | 1.14 MI. | 1.24 MI. | 1.49 MI. | 1.56 MI. | 1.70 MI. | 1.78 MI. | 1.87 MI. | 1.90 MI. | 1.98 MI. | 2.02 MI. | 2.12 MI. | 2.24 MI. | 2.30 MI. | 2.44 MI. | OHOHIA ST. | 2.52 MI. | 2.63 MI. | 2.66 MI. | 2.74 MI. | 2.82 MI. | 2.88 MI. | 3.05 MI. | 3.10 MI. | 3.18 MI. | 3.24 MI. | 3.29 MI. | 3.39 MI. | 3.66 MI. | 3.96 MI. | 4.02 MI. | 4.07 MI. | 4.13 MI. | 4.28 MI. | 4.42 MI. | 4.51 MI. | 4.53 MI. | 4.68 MI. | 4.83 MI. | 4.91 MI.

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 | 8' AC | 10' AC | 8' AC | 0 | 8' GRASS | 5' AC | NONE | 5' AC BIKE LANE

Pavement: Width and Type

36' AC | 60' AC | 36' AC | 12' AC | 36' AC | 48' AC | 36' AC | 48' AC | 36' AC | 24' AC | 48' AC | 36' AC | 34' AC | 33' AC

Shoulder: Width and Type

18' AC | 4' AC | 10' AC | 12' AC | 0 | (CROSSOVER 2) | (CROSSOVER 3) | NONE

Median: Width and Type

4' CONCRETE BARRIER | MEDIAN VARIES CONCRETE BARRIER | 4' CONCRETE BARRIER | MEDIAN VARIES (CONC BARRIER) | STEEL GUARD RAIL ON 4' CONC GUTTER | 3' CONC BARRIER W/2' CONC GUTTER | 6' GRASS & SHRUBS | 20' GRASS/SHRUBS | 28' GRASS

Divided Highway — Undivided

Shoulder: Width and Type

6' AC | 12' AC | 0' | 0' | (36' AC) | NONE

Pavement: Width and Type

36' AC | 60' AC | 12' AC | 36' AC | 48' AC | 36' AC | 60' AC | 48' AC | 36' AC | 48' AC | 36' AC | 48 AC | 24' AC | 12' AC | 48' AC | 33' AC | 34' AC | 33' AC

Shoulder: Width and Type

4' AC | 8' AC | 12' AC | 6' AC | 0' | 10' GRAVEL | NONE | 5' AC BIKE LANE

Number of Traffic Lanes

3–12' | 5–12' | 3–12' 1–13' | 3–12' 3–12' 4–12' | 3–12' 4–12' 4–12' | 2–12' 1–12' 3–12' | 3–11' 2–11',1–12' 3–11'

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

ALL TURNING LANE 11' AC | TURN LNS.

(Right Side)

2 TURN LNS. | TURN LNS.

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

Sidewalk: Width and Type (Right and Left) WALKWAY/BIKEWAY

8' AC | 10' AC WALKWAY/BIKEWAY | 3' CONC. SW. | 9' CONC. SW. | NONE | 6'–8' CONC. SW.

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

CURB & GUTTER | C&G | CURB

Protective Devices: Type, Location and Number

METAL ON METAL

Illumination: Type, Location and Number

2 M.V. 4 M.V. | 191 HPS Lamps

Curves: Degree of Curvature (Right and Left)

(VARIABLE MESSAGE SIGN: 5:30–8:30 AM, MON.–FRI.) | 11' AC, CONTRA–FLOW LANE; HOV LANE, 2 OR MORE, MOTORCYCLES O.K.

Superelevation (Range) Conta–Flow/HOV Lane

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: LARGE URBANIZED (4) (HONOLULU – 52)

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

Speed: 1–Design, 2–Posted 35 MPH ②

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

Traffic Stations (Current Year)

B72 0092 00000 | B72 0092 00034 | B72 0092 00044 | B72 0092 00061 | B72 0092 00072 (B72 0092 00091) (B72 0092 00097) | 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

HPMS Sections – AADT 2009

11,100 | 41,059 | 41,059 | 8,957 | 7,200 (39,748) (26,000) | 33,700 | 40,000 | (36,834) 28,679 | 80,907 | (80,907) 199,100 | 61,900

HPMS Sections – AADT 2008

18,441 | 41,112 | 41,112 | 8,969 | 8,969 (39,800) (39,800) | 36,834 | 52,699 | 62,271 (36,882) 28,716 | 81,012 | (81,012) 72,447 | 73,759

HPMS Sections – AADT 2007

18,485 | 41,210 | 8,990 | 39,895 | 36,882 | 36,970 | 52,825 | 62,420 | 36,970 | 28,785 | 81,205 | 72,620 | 73,935

DOD Sections

DOD 240 | DOD 245 | DOD 250 | DOD 255 | DOD 260 | DOD 265

Census Tracts

74 | 73 | 72 | 70 | 71 | 69 | 72 | 68.03 | 66 | 59 | 58 | 57

Functional Classification

PRINCIPAL ARTERIAL (14)

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(131):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

ROAD INVENTORY

OAHU RTE 92
NIMITZ HWY., AND ALA MOANA BLVD.

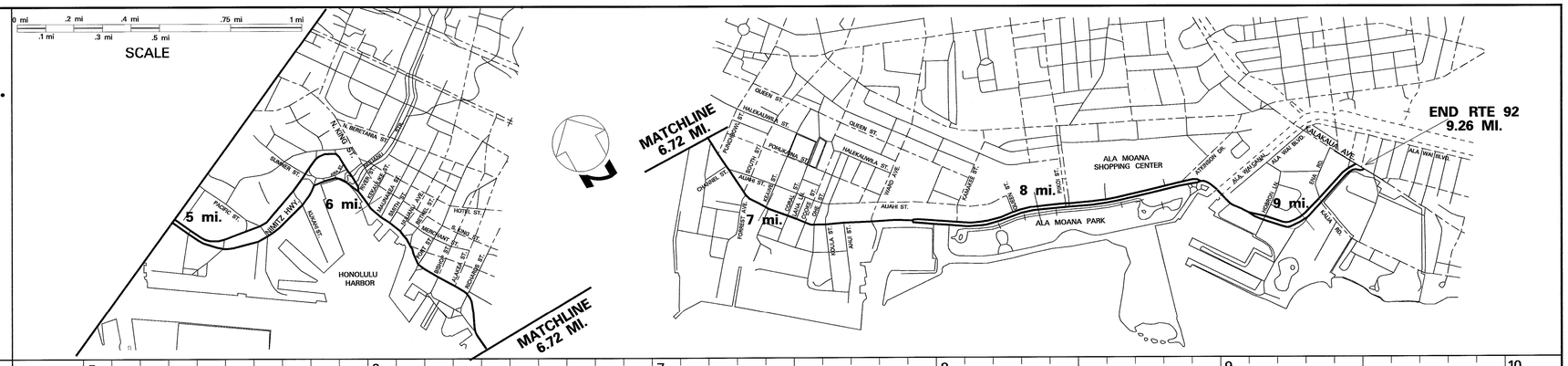
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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:	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

Maintenance Control Sections : Length and Description

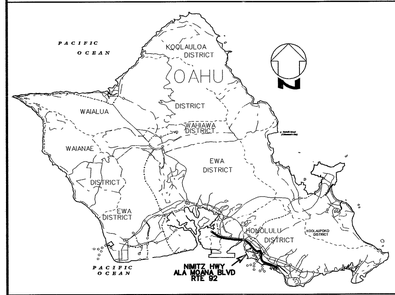
Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

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



Indicates Grass or Physical Barrier on the Median

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

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

- Number of Traffic Lanes
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (Right Side)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left)
- Protective Devices: Type, Location and Number
- Illumination: Type, Location and Number
- Curves: Degree of Curvature (Right and Left)
- Superelevation (Range) Conta–Flow/HOV Lane
- Grades: % Grade, Positive or Negative
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development:
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- Speed: 1–Design, 2–Posted
- Intersection Control Devices: Type, Location and Cycle Timing — All Traffic Lights – 3 Phase unless otherwise noted.
- Traffic Stations (Current Year)
- HPMS Sections – AADT 2009
- HPMS Sections – AADT 2008
- HPMS Sections – AADT 2007
- 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
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

CONTINUED FROM SHEET 1

5 6 7 8 9 10

92 A (8.64 MI.) | END 92A – BEG 92B AT THE N. END OF ALA WAI BRIDGE 8.64 | 92 B (0.62 MI.) | END 92B SAME AS END ROUTE

SLAB 1952 HS 20 192' | (L) TEE BEAM 1932 H20 152' | (R) TEE BEAM 1952 HS 20 217 | SLAB 1952 HS 20 182' 200' 250' 61' | TEE BEAM 1939 (1970) H-20 166'

55' 65' 51' | 51' 51' 51' 51' | 80'

60' – 160' | 75 (O.B.) 100 (I.B.) | 140' – 155' | 125' – 136' | 100'

INDUSTRIAL / COMMERCIAL | COMMERCIAL AREA | HOTEL

15–20' FP 10' FP 8' FP | 5' FP | CL – 8' FP | SW 8' FP | STONEWALL 8' FP | NONE

NONE

STATE (121+10 139+40) | STATE PHASE II | STATE

(92A–01–07M, Beutification, 2008) | NH–092–1(26) Moder. 2005 | 92AB–01–92M, 1993(R)

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)

sta. 327 PACIFIC ST. | sta. 30 RIVER ST. | sta. 405–A KEKAULIKE ST. | sta. 417 BISHOP ST. | sta. 512–A PUNCHBOWL ST. | sta. 513 SOUTH ST. | sta. 501 WARD AVE. | sta. 633 PIIKOI ST. | sta. 601 ATKINSON DR. | sta. SL 50 ALA WAI CANAL BR. | sta. 816 KALA RD.

ALAKAWA ST. | CHEVRON OIL | REG. INDUSTRIAL PARK/WAY CONTRA FLOW CROSSOVER 4 | KUKUI ST. | SUMNER ST. | AWA ST. | NUUANU BR. | NUUANU AVE. | QUEEN ST. | BETHEL ST. | FORT ST. (R) | IAOLANI TOWER | MAUNAKEA ST. | KEAWE ST. (offset) | CORAL ST. | LANA LANE | COOKE ST. | KOLEA ST. | ONE ST. | AHUI ST. | KAMAKEE ST. | ALA MOANA PK. DR. | KEWALO BASIN ENT. | QUEEN ST. | ENT. TO MAURI TOWER (L) | ATKINSON DR. | ROAD TO SHOPPING CENTER ENTRANCE | EXIT | ALA MOANA PK. DR. | ROAD TO ALA WAI HARBOR | HOBRON LANE | EWA RD. (L) KALA RD. (R)

5 MP. 6.05 Mi. | 6 MP. 6.05 Mi. | 7 MP. 6.98 Mi. | 9.26 MI.

INDUSTRIAL PARKWAY | NIMITZ HWY. | ALA MOANA BLVD.

5.09 Mi. | 5.23 Mi. | 5.31 Mi. | 5.37 Mi. | 5.54 Mi. | 5.70 Mi. | 5.78 Mi. | 5.83 Mi. | 5.88 Mi. | 5.90 Mi. | 5.95 Mi. | 6.02 Mi. | 6.06 Mi. | 6.11 Mi. | 6.22 Mi. | 6.30 Mi. | 6.38 Mi. | 6.45 mi. | 6.50 Mi. | HALEKAUWILA ST. (L) | (To Queens Fills of Clyde, etc.) 6.64 Mi. RAMP "AM" | 6.78 Mi. | 6.81 Mi. | 6.85 Mi. | 7.02 Mi. | 7.10 Mi. | 7.16 Mi. | 7.22 Mi. | 7.24 Mi. | 7.31 Mi. | 7.39 Mi. | 7.61 Mi. | 7.67 Mi. | 7.70 Mi. | 7.89 Mi. | 8.03 Mi. | 8.10 Mi. | 8.24 Mi. | 8.39 Mi. | 8.53 Mi. | 8.64 Mi. | 8.71 Mi. | 8.84 Mi. | 9.07 Mi.

8' AC BIKE LANE | 5'–9' AC BIKE LANE

6' AC BIKE LANE | 5' AC BIKE LANE | (6' AC BIKE LANE) 4' AC BIKE LANE | 5' BIKE LANE 6' AC | NONE

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

(CROSSOVER 4) | CURB & GUTTER | C&G 70' ORS | NONE | C&G | CURB & GUTTER | NONE | 6' CONC BARRIER | C&G 4' AC | 0

28' GRASS | INDUSTRIAL PARK TYPE OF MEDIAN – COMMERCIAL BUSINESS OCCUPIED | 8'–10' GRASS w/ Coco-nut Trees | 4'–12' GRASS | 10'–15' GRASS w/ Coco-nut Trees | (6'–10' PAINTED MEDIAN (FLUSH)) | 11' PAINTED | 12'–15' COMB. FLUSH/RAISED PAINTED AC MED. | 20' GRASS (FLUSH) | 3' RAISED AC W/ PCC CURB | BARRIER | 22' GRASS RAISED | 20' GRASS

NONE | CURB & GUTTER | C&G | C&G | C&G | 40' (CONC. BARRIER) | 4'–8' CONC. | C&G | (34' AC) | 0 | 3" AC 9" AC | C&G | 0

33' AC | 44' AC | 36' AC | 35' AC | 32' AC | 32' AC | 31' AC | 32' AC | 31' AC | 36' AC | 33' AC | 36' AC | 24' AC

5' AC BIKE LANE | 8' AC BIKELANE | 5' AC BIKE LANE | 4' AC BIKE LANE | (5' AC BIKELANE) | NONE

4–11' | 4–12' | 4–11' | (2–11.5', 2–11') | 3–12' | 2–11', 1–13' | 3–11' | 3–10' | 2–10', 1–12' | 2–10', 1–11' | 1–12', 2–10' | 1–14', 2–11' | 1–11', 2–12' | 3–12' | 2–12'

(2–11.5', 1–11') | 12' RAMP "R" | 15' RAMP "M" | BUS STOP | ALL TURNING LANES 11' AC

1–14' TL | 2–10' TL | 2–12' TL | 1–12' TL | 2–9' (L) TL's

NONE | 6'–8' CONCRETE SW. | 7' CONCRETE SIDEWALK (L) (R) | 10' CONC. S.W. | 8' SW. | 4' SW. | 15' SW. | 6'–8' CONC. | 3' CONC. | 3'–7' CONCRETE SIDEWALK. | 6'–8' CONCRETE SW. | ALL SIDEWALKS CONCRETE

CURB | CURB – GUTTER (L) (R) | PCC CURB & GUTTER (L) (R) | C&G CURB ONLY | C&G (L) (R) | A = CONC. CURB, 2' AC GUTTER C = CONC. CURB, 2' CONC. GUTTER

NONE | C&G | 1.3' CONC. BARRIER | CONCRETE GUARDRAIL

191 HPS LAMPS | 7 M.V. 3 M.V. | 18 M.V. | 130 HPS | 58 M.V.

11' AC (CONTRA–FLOW LANE: HOV LANE, 2 OR MORE, MOTORCYCLES O.K.)

LARGE URBANIZED (4) (HONOLULU – 52)

FLAT

35 MPH ② | 25 MPH ②

2 Ph. | 2 Ph. | 2 Ph. | (B72 0092 00638) | 2 Ph. | 4 Ph. | 5 Ph. | 3 Ph. | 7 Ph.

B72 0092 00468 | B72 0092 00824 | B72 0092 00537 | B72 0092 00650 | B72 0092 00739 | B72 0092 00810 | B72 0092 00853 | B72 0092 00867 | B72 0092 00907

61,900 | 73,060 | 73,060 | 58,669 | 58,065 | 43,300 | 36,000 | 34,922 | 26,368

73,759 | 73,159 | 73,155 | 58,754 | 58,141 | 50,884 | 41,516 | 34,967 | 26,402

73,935 | 73,330 | 70,400 | 58,885 | 58,280 | 51,005 | 56,965 | 57,065 | 41,615 | 35,050 | 26,465

DOD 265 | DOD 270 | DOD 275

57 | 52 | 40 | 39 | 38 | 37 | 19.02 19.01

PRINCIPAL ARTERIAL (14)

ON NHS (1)

92A–01–78M, 1979 RESURF. (HES–092–1(19), 1985 (IMPR. OUTS. LNS.)) | 92A–01–90M, 1991 RESURF. | 92AB–01–92M, 1993(R) | F–092–1(15) (R), 1981 | FR–092–1(17), 1982(R)

92A–01–90M, 1991 Resurface (EHS–U–092–1(11), 1976 — (HHS–092–12, 1979) | (92A–02–70, 1972) | (U–092–1(8), 1971) — (U–092–1(6), 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, 53 | FU 44 (5) U–2, 1950, 52 | U 44 (6), 1951 | COUNTY | U44(9), 1952

END RTE 92 ON ALA MOANA BLVD. AT THE SOUTHWEST EDGE OF PAVEMENT OF KALAKAUA AVE. 9.26 MI.

ROAD INVENTORY

OAHU RTE 93
FARRINGTON HWY

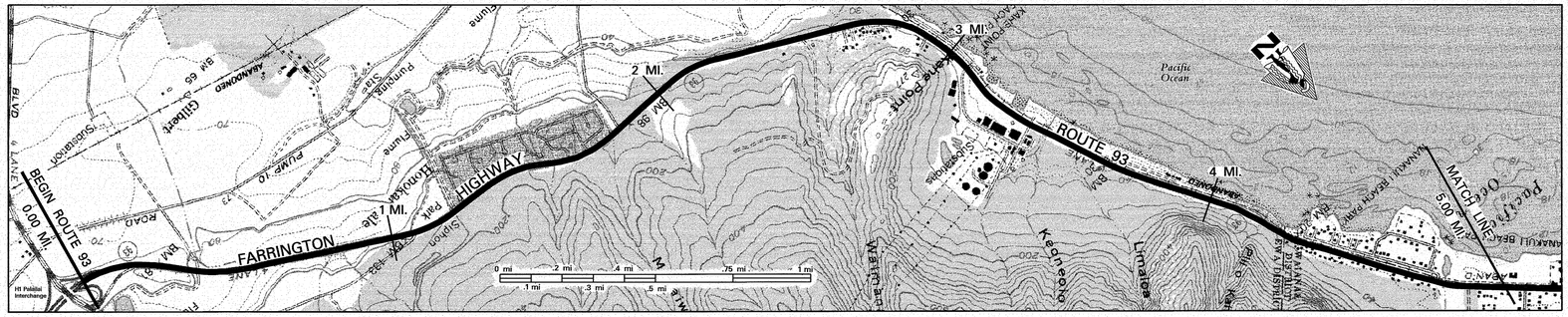
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Beg. 93A on Farr. Hwy. 322' West of Centerline Palailai O.P. — 93A (11.31mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Prestressed Tension Girder, 1989, HS–20–44
- TBM, HS–20, 1967, 66' (L) & (R)
- Slab, HS–20, 1969
- TBM, HS–20, 1970

Vertical Clearance
- 25' | 82'

Horizontal Clearance
- 36' (L) | 37' (R)
- 55' | 51'

Structure Over Road

Vertical Clearance
- 16'

Horizontal Clearance
- 31'

Right of Way Width (min.–max.) if varies
- Varies 125'–210'
- 61'–130'

Available Right of Way Width (Needs Study)
- Clear 1000' Sugar Cane 20' FP
- Bushes Trees & Grass
- Residential Area

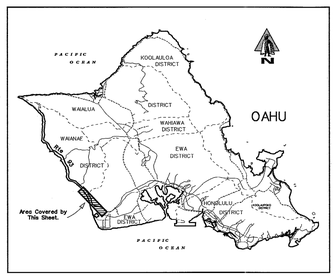
Right of Way Fence: Type – Right and Left
- Wire on Wood
- Wire on Wood
- 20'–30' FP
- Chain Link
- (Stone Wall) (L) & (R)

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), Reconstruct, 2004
- 93A–06–98 Inter. Imprv., 2001
- 93A–02–98M, 1999 (R)
- NH–093–1(19), 2000
- 93A–02–98M, 1999 (R)
- STP–093–1(18), Safety Imprv., 2006

Project No., Type of Construction, and Year Constructed
- 93A–01–96M, 1997 (R)
- F–093–1(6) 1984
- 93A–01–97M, 1998 (R)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

0.00 mi. BEGIN ROUTE 93 ON FARRINGTON HIGHWAY 322' WEST OF CENTER LINE PALAILAI O.P. (SAME AS BEGIN H–1).

Off–Ramp 0.06 mi. | On–Ramp 0.18 mi. | Tractor Crossing On Median 0.38 mi. | Tractor Crossing On Median 0.87 mi. | Old Farrington Hwy. 1.09 mi. | Lealoa St. 1.10 mi. | ECB 1.27 mi. | Waiomea St. 1.62 mi. | Koio Dr. (to West Beach) 1.71 mi. | ECB 1.84 mi. | Off–Ramp to Kooloina 1.87 mi. | ECB 2.13 mi. | Off–Ramp to Kooloina 2.15 mi. | On–Ramp from Kooloina (R) 2.34 mi. | On–Ramp from Allinui Dr. Kooloina 2.42 mi. | Off–Ramp to Kooloina from Allinui Dr. 2.45 mi. | Off–Ramp to Kooloina (R) 2.50 mi. | Road to Landfill (Waimanalo Gulch) 2.56 mi.

FARRINGTON HIGHWAY

Road to Beach Park 3.02 mi. | MP 3 | ECB 3.03 mi. | Roads to Hawaiian Electric Co. 3.05 mi. | Keaanaoio Br. 3.09 mi. | Ent. to "Tracks" Beach Park 3.38 mi. | ECB 3.45 mi. | Pili O Koi Br. End Divided 3.60 mi. | Facility Rd. 3.91 mi. | Pili O Koi Br. Begin Divided Hwy. 4.14 mi. | No Name Br. 4.20 mi. | Pohakunui Ave. 4.26 mi. | No Name Br. 4.32 mi. | Pohakunui Ave. 4.37 mi. | No Name Br. 4.40 mi. | Pilokahi Ave. 4.47 mi. | End Divided Hwy. 4.53 mi. | No Name Br. 4.55 mi. | Laumania Ave. 4.67 mi. | Pohakunui Ave. 4.74 mi. | Nanakuli Str. Br. 4.78 mi. | ECB 4.81 mi. | Nanakuli Urban Boundry 4.89 mi.

CONTINUED ON SHEET #2. 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- 4'–6' AC | 4'–6' Grv. 4.05 | 4' AC

Pavement: Width and Type
- 24' AC | (22' AC) 4.12 | 44' AC | 24' AC | 44' AC

Shoulder: Width and Type
- 1' AC | (0) 4.28 | 6' Grv. | 2' AC | 0 | 1' AC

Divided

Median: Width and Type
- Concrete Barrier 0.38 | 24' Grass 1.62 | 2' Conc. Barrier 1.86 | 2' Conc Portable Guardrail 2.28 | 24' Grass 2.57 | 2' Conc Portable Guardrail 3.00 | 24' Grs. 3.13 | 2' Conc Portable Guardrail 3.38 | 24' Grs. 3.53 | 10' Grs. 3.80 | 24' Grass (2' Conc. Portable Guardrail/ 24' Grass) 4.38 | (0'–10') 4.40 | 14' Painted AC 4.47 | 4.67

Shoulder: Width and Type
- 6' AC | 1' AC | (0) | 0

Pavement: Width and Type
- 24' AC | (22' AC) | 24' AC

Shoulder: Width and Type
- 4'–6' AC | 1' AC

Number of Traffic Lanes
- 4–12' | 4–11' | 4–12' | 4–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- 1-12' Accel. 0.18–0.34 | 1-12' T.L. 1.09–1.31 | 1-12' Accel. 2.18–2.34 | 1-12' Decel. 2.45–2.67 | 1-12' Decel. 3.09–3.14 | 3.38–3.48 | 3.60–3.68 | (12' T.L.) 4.55–4.62 | (10' T.L.) 4.30–4.55

(Right Side)

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

Sidewalk: Width and Type (Right and Left)
- 3' AC 4.26–4.32 | 3' AC 4.82–4.89 | 3' CONC. SW

Curb and/or Gutter: Type (Right and Left)
- (Conc. Gutter) 1.24–1.34 | Conc. Gutter 1.43–2.04 | Conc. Gutter 2.29–2.39 | Conc. Gutter 2.89–3.11 | Conc. Gutter 3.29–3.38 | 4.34 4.38 AC Curb 4.20–4.34

Protective Devices: Type, Location and Number — M/M = Metal Rails on Metal Posts. M/C = Metal Rails on Concrete Posts.
- M/M 0.00–0.32 | M/C 0.32–0.48 | M/C 0.48–0.75 | M/C 0.75–0.86 | M/C 0.86–1.00 | M/C 1.00–1.14 | M/C 1.14–1.27 | M/C 1.27–1.29 | M/C 1.29–1.34 | M/C 1.34–1.61 | M/C 1.61–1.75 | M/C 1.75–1.81 | M/C 2.60–2.74 | M/C 2.74–2.87 | M/C 3.16–3.26 | M/C 3.26–3.39 | M/C 3.39–3.45 | M/C 3.45–3.57 | M/C 3.57–3.61 | M/M 3.91–4.20 | M/M 4.20–4.21 | M/C 4.21–4.30 | M/M 4.30–4.35 | M/M 4.35–4.43 | M/M 4.43–4.51 | M/M 4.51–4.66 | M/M 4.66–4.80 | M/M 4.80–4.94 | M/M 4.94–5.00

Illumination: Type, Location and Number
- MV 0.32–0.38 | 1MV 1.27–1.29 | 190 HPS 4.20–4.35

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Large Urbanized (4) (HONOLULU – 52) 0.00–2.60
- SMALL URBAN (2) 2.60–5.00

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- (1) Flat 0.00–1.00
- (2) Rolling 1.00–4.34
- (1) Flat 4.34–5.00

Speed: 1–Design, 2–Posted
- 55 MPH (MIN 45 MPH) (2) 0.00–0.09
- 55 MPH (2) 0.09–0.72
- 45 MPH (2) 0.72–1.27
- 45 MPH (2) 1.27–3.48
- 35 MPH (2) 3.48–4.07
- (School Zone) 25 MPH (2) 4.07–5.00

Intersection Control Devices: Type, Location and Cycle Timing
- 3 Phase 1.27–1.71
- 3 Phase 4.55–5.00

Traffic Stations (Current Year)
- B72 0093 00000
- B72 0093 00171
- B72 0093 00213
- B72 0093 00260
- B72 0093 00414

HPMS Sections – AADT 2009
- 57,562 | 60,418 | 40,455 | 40,455 | 40,455

HPMS Sections – AADT 2008
- 57,637 | 50,484 | 2.19–2.60 40,508 | 2.60–4.44 40,508 | 40,508

HPMS Sections – AADT 2007
- 57,775 | 1.35–1.62 57,775 | 1.62–2.28 50,605 | 2.28–4.26 40,605 | 40,605

DOD Sections
- DOD 315

Census Tracts

Functional Classification
- Principal Arterial (14)

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

Previous Projects: Project No., Date and Limits
- 93A–02–98M, 1999 (R) 2.39–3.36 | 93A–02–98M 1999 (R) 3.72–4.20
- F–093–1(6), 1984 | F–093–1(7), 1985 (R) 4.20–5.00
- S–0900(3), 1965, 1968 | B–900–01–64 U–1 1967, 1970 4.82–4.89 | B–900–01–64 UNIT 2 1968,70

SCALE: (In Miles) 4" = 1 mile

Date Released
Sept 2002, DB

Revised	
Aug. 04	D.B.
Jan. 05	D.B.
May 06	G.N.
Mar 07	D.B.
Aug. 10	D.B.

ROAD INVENTORY

OAHU RTE 93
FARRINGTON HWY

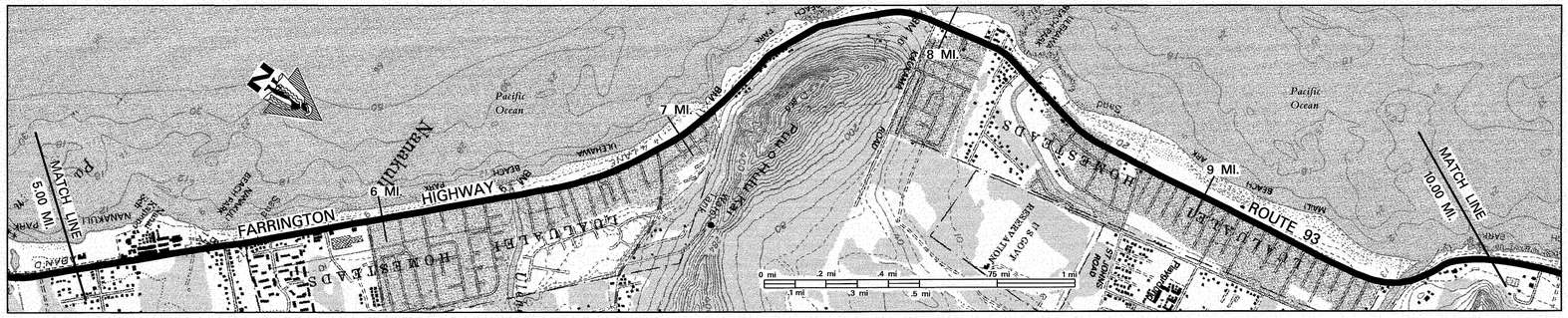
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 _____



SCALE: (In Miles) 4" = 1 mile

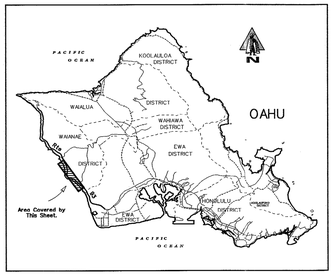
Maintenance Control Sections : Length and Description — 93A (11.31 mi.)

Structure Carrying Road

	5	6	7	8	9	10
Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CULVERT, HS–20, 1969	OTH, HS–20, 1970		OTH, HS–20, 1970		CONT. CONC. SLAB, HS–20, 1976
	27′ (5.36)	91′ (6.40)		100′ (8.32)		174′ (9.70)
Vertical Clearance	51′	59′		58′		60′
Horizontal Clearance						

Structure Over Road

Vertical Clearance						
Horizontal Clearance						
Right of Way Width (min.–max.) if varies	61′ – 130′ (6.90)			92′ (8.59)		Varies 60′ – 170′ (9.63)
Available Right of Way Width (Needs Study)	Residential Area		Brush (7.48–7.84)	Residential / Commercial		
Right of Way Fence: Type – Right and Left	Stone Wall (L) & (R) (5.11–5.28) Stone Wall		7.50 (7.42) (Stone Wall 10′ 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	STP–093–1(18), Safety Imprv., 2006					
Project No., Type of Construction, and Year Constructed	93A–01–97M 1998 (R) (6.07) (6.18) (STP–093–1(17), 1998 Inter. Imprv.)			93A–01–97M, 1998 (R) (8.09) (9.04) (9.17) (93A–03–97, Inter. Imprv. 1999)		



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1.

FARRINGTON HIGHWAY — 5 MP, 6 MP, 7 MP

	5	6	7	8	9	10
Park Ent. Nanakuli Ave. (R)	5.00 mi.					
Nanakaporo School Ent.	5.07 mi.					
Nanakaporo Con. Box Culvert	5.13 mi.					
Road to Beach Park	5.29 mi.					
Haleakala Ave.	5.36 mi.					
Helelua St.	5.44 mi.					
Nanaikeola St.	5.49 mi.					
Kuaiwa Rd.	5.64 mi.					
Lualualei Naval Rd.	5.78 mi.					
Maaloa St.	5.95 mi.					
Auyong Hmstd. Rd.	5.98 mi.					
ECB (L)	6.05 mi.					
Auloni Pl.	6.12 mi.					
Begin Div. Hwy.	6.20 mi.					
Kahau St.	6.25 mi.					
Halike Pl.	6.32 mi.					
Mohihi St.	6.37 mi.					
End Div. Hwy.	6.40 mi.					
Ulehawa Br.	6.45 mi.					
Paved Rd. 6.55 mi.	6.52 mi.					
Paved Rd. 6.60 mi.	6.60 mi.					
Paved Rd. 6.71 mi.	6.75 mi.					
Begin Div. Hwy.	6.82 mi.					
Princess Kahanu Ave.	6.90 mi.					
Garden Groves	6.96 mi.					
Lualei Pl.	7.01 mi.					
End Div. Hwy.	7.06 mi.					
Begin Div. Hwy.	7.16 mi.					
Hakimo Rd.	7.42 mi.					
Akovai Rd.	7.52 mi.					
Urban Bdry.	7.67 mi.					
Nanakuli Paved Road	7.74 mi.					
Driveway	7.95 mi.					
Paved Roads	8.06 mi.					
County Baseyard	8.14 mi.					
End Div. Hwy.	8.22 mi.					
Begin Div. Hwy.	8.27 mi.					
End Div. Hwy.	8.32 mi.					
Maipalaoa Rd.	8.34 mi.					
Maipalaoa Br.	8.39 mi.					
Road to Beach Park	8.54 mi.					
Manununu St.	8.67 mi.					
Begin Div. Hwy.	8.71 mi.					
Manukaula St.	8.77 mi.					
St. John's Road	8.82 mi.					
Liopolo St.	8.85 mi.					
Begin Div. Hwy.	8.89 mi.					
Palakaa St.	8.95 mi.					
Gilpake St.	9.00 mi.					
Kimo St.	9.04 mi.					
Palakaa St.	9.09 mi.					
Maiona St.	9.14 mi.					
Maipela St.	9.18 mi.					
End Div. Hwy.	9.22 mi.					
Begin Div. Hwy.	9.27 mi.					
Kaukamana St.	9.30 mi.					
Maeo St.	9.36 mi.					
End Div. Hwy.	9.40 mi.					
Begin Div. Hwy.	9.43 mi.					
Liliana St.	9.50 mi.					
Keilikipi St.	9.55 mi.					
Alapaki St.	9.59 mi.					
Lopikane St.	9.64 mi.					
Pelanaki St.	9.70 mi.					
Kakalena St.	9.77 mi.					
Milikami St.	9.84 mi.					
Malilili Rd.	9.97 mi.					
End Div. Hwy.						
Begin Div. Hwy.						
Malilili Br.						
C&C Baseyard						

CONTINUED ON SHEET #3.

Shoulder: Width and Type	4′ AC		4′–9″ AC (7.01–7.89)		6′ AC (8.96)	10′ Gravel
Pavement: Width and Type	44′ AC	22′ AC / 44′ AC / 24′ AC / 44′ AC	22′ AC	44′ AC / 22′ AC	44′ AC / 22′ AC / 44′ AC / 22′ AC / 44′ AC / 22′ AC	44′ AC
Shoulder: Width and Type	1′ AC	0 / (8′–10′ AC) / 0 / 8′–10′ AC	0 / 2.5′ AC	0 / 6′–8′ AC	0 / 6′ AC / 8′–10′ AC / 0 / 8′–10′ AC / 0 / 8′–10′ AC / 0 / 8′–10′ AC	0 / 8′ AC
Median: Width and Type		11′ Paint (6.22–6.45) / 12′ Paint (6.51–6.71) / 8′ Paint (6.82–7.01)	2′ Moveable Concrete Barrier (7.01–7.89)	11′ Painted Median (7.89–8.14)	10′ Paint (8.22–8.34) / (8.71–8.95) / (9.04–9.16) / (9.30–9.42)	11′ Painted Median (9.84–9.73)
Shoulder: Width and Type		0 / 0 / 0	2.5′ AC	0	0 / 0 / 0 / 0	0
Pavement: Width and Type		22′ AC / 24′ AC	22′ AC	22′ AC	22′ AC / 22′ AC / 22′ AC	22′ AC
Shoulder: Width and Type		1′ AC / 8′–10′ AC	8′–10′ AC / 4′–9″ AC (7.01–7.89)	6′–8′ AC (8.14–8.22)	6′ AC / 8′–10′ AC / 6′ AC	10′ Grv.

Divided Highway — Undivided

Number of Traffic Lanes	4–11′	4–12′		4–11′		
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		11′ TL (6.32–6.58)		1–10′ (L) T.L. (8.27–8.31)	10′ T.L. (8.77–8.91) / 10′ T.L. (9.09–9.13) / 10′ T.Ls (9.33–9.40)	11′ (9.71–9.80)
(Right Side)		12′ TLs (6.60–6.65)		10′ T.Ls (7.25–7.46)		
Frontage Road: No. of Lanes, and Width (Right and Left)						
Sidewalk: Width and Type (Right and Left)	3′ CONC SW (5.11–5.17) 3′–5″ AC	(8′ Conc.) (6.37–6.45)	3′–5″ AC	(4′ Conc. Gutter) (4′ Conc. Gutter)	AC Curb (9.64–9.78) 3′ AC	
Curb and/or Gutter: Type (Right and Left)	AC Curb		AC Curb (7.32–7.49)			
Protective Devices: Type, Location and Number (M/M = Metal Rail on Metal Post)	M/M (5.36–5.38) M/M (5.41–5.42)	M/M (6.87–7.08)	M/M (7.34–7.94) Metal Pipe Railing (7.84–7.89)	M/M (8.30–8.39)	M/M (9.87)	
Illumination: Type, Location and Number			190 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:			Small Urban (2)			
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	(1) Flat		(1) Flat (2) Rolling (7.00–8.00)	(1) Flat		(2) Rolling (9.78)
Speed: 1–Design, 2–Posted	School Zone 25 MPH (2) (5.33)		35 MPH (2)			
Intersection Control Devices: Type, Location and Cycle Timing	2 Ph. (5.07) 6th Pedestrian 16 Walk Light	3 Phase 3 Phase 2 Phase 3 Phase (5.49–6.32)	2 Phase (6.80–7.39)	3 Phase (8.05–8.27) 3 Phase 2 Phase (8.77)	3 Phase (9.05–9.36) 2 Phase (9.77)	3 Phase
Traffic Stations (Current Year)	(B72 0093 00414)	B72 0093 00507		B72 0093 00690		
HPMS Sections AADT 2009	(40,455)	29,300		26,800		
HPMS Sections AADT 2008	(40,508)	39,800		33,655		
HPMS Sections AADT 2007	(40,605)	39,895 (5.07–6.44)	38,280 (6.44–6.90)	33,735		
DOD Sections	DOD 315 (5.05–6.95)		DOD 320			
Census Tracts						
Functional Classification			Principal Arterial (14)			
National Highway System (NHS)			On NHS (1)			
Previous Projects: Project No., Date and Limits	F–093–1(7), (R) 1985 (6.22–6.45)	93A–01–86M, (R) 1987 (6.45–7.37)	93A–01–85M, (R) 1985 (7.39–8.02)	93A–01–85M (R) 1985 (8.21–8.09) (93A–01–88, Traffic Signals & Imprv. 1988) STP–093–1(16) Imprv., 1997 (8.34–8.83) 93A–01–85M (R) 1985 (8.74) 93A–01–85M (R) 1985 (8.83–8.95)	STP–033–1(14), (R) 1997	
	93A–01–97M, (R) 1998					
	93A–02–90, 1993 Traf. Signal Improv. (6.22–6.45)		(93A–03–86, Traf. Signals, 1987) (8.02–8.09)	(93A–01–88, Traf. Sig. & Imprv., 1988) (8.74–8.83)	(93A–01–88, Traf. Sig. & Imprv., 1988) (9.42–9.30)	
		93A–01–86M, 1987 (R) (6.42–7.37)		93A–01–85M, 1985 (R) (7.39–8.09)		
	B–900–01–64 Unit 2, 1968, 70 (6.36–6.42)	900B–02–68 UNIT1, 1969,70 (7.14)	900B–02–68 UNIT2, 1969		9.46–9.55	93A–02–70, 1974

SCALE: (In Miles) 4" = 1 mile

Date Released
Sept 2002, DB

Revised	
Aug. 04	D.B.
May 06	G.N.
Mar 07	D.B.
Aug 10	D.B.

ROAD INVENTORY

OAHU RTE 93
FARRINGTON HWY

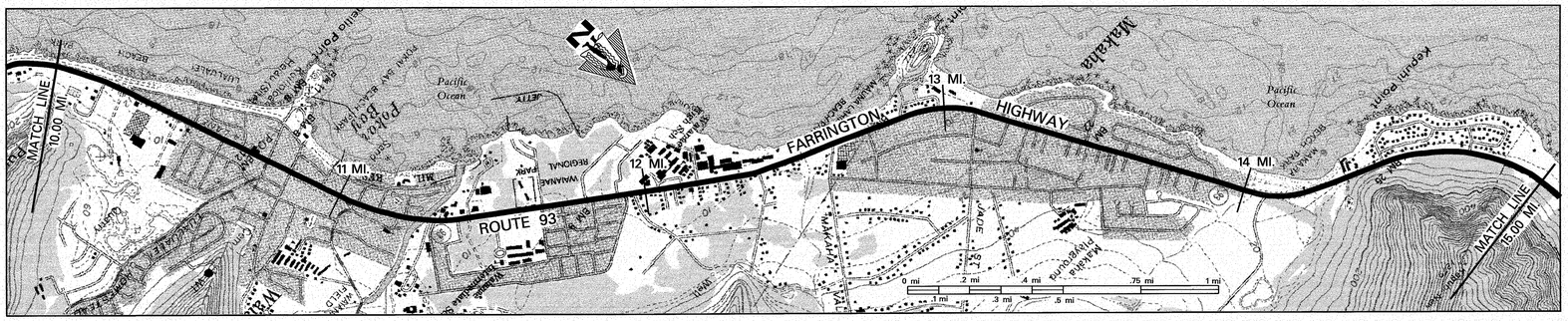
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

93A (11.31 mi.) | 11.31 End 93A & Begin 93B on Farr. Hwy. at North end of Kaipuni Bridge. | 93B (4.34 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- TBM, HS–20, 1965: 147' (11.28)
- PRESTRESSED SLAB HS–20–44, 1989: 58' (12.48)
- SLAB, H–15, 1937: 24' (12.73)
- TS, H–15, 1937: 60' (14.02)
- TS, H–15, 1937: 78' (14.10)

Vertical Clearance
- 28'
- 60'
- 40'
- 24'
- 24'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- 60'–170' (10.81)
- 60' (12.20)
- 80' (14.01)
- 60'–85'

Available Right of Way Width (Needs Study)
- Residential Area

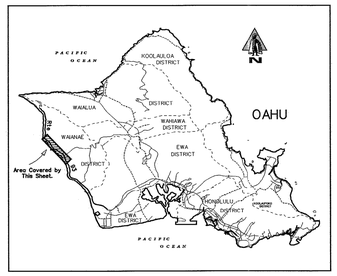
Right of Way Fence: Type – Right and Left (CL = Chain Link, FP = From Pavement)
- CL (10.06) 15' FP
- CL (11.91) (11.66) 15' FP

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- State (107+85) (12.76) (173+17) (14.01)

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.

FARRINGTON HIGHWAY

Beach Park Rd. 10.05 mi. | Leihoku St. 10.14 mi. | Rd. to Waianae Wastewater Treatment Plant 10.19 mi. | Beg. Div. Hwy. & Driveway to Mall 10.22 mi. | Pokei Bay St. 10.26 mi. | End Div. Hwy. 10.33 mi. | Ala Poko St. 10.47 mi. | Puhano St. 10.59 mi. | Glenmonger St. 10.65 mi. | Hmstd. Rd. 10.75 mi. | Lualualei Waianae Valley Rd. 10.83 mi. | Bay View St. 10.94 mi. | Army St. Guard St. Old Gov't. Rd. 11.04 mi. | Kaupuni St. 11.07 mi. | Kaupuni Br. 11.11 mi. | Beg. Div. Hwy. 11.19 mi. | Kaulokahai Pl. 11.24 mi. | Waianae Valley Park 11.28 mi. | Ala Hema St. 11.33 mi. | Ala Walua St. Waianae State Boat Harbor 11.67 mi. | Ent. to Waianae Library 11.46 mi. | Ent. to Waianae Inter. School 11.53 mi. | Ent. to Waianae Inter. School 11.57 mi. | Ent. to Playing Field 11.73 mi. | Kaulawaha Rd. Ala Akau St. 11.87 mi. | Roads to Waianae High School 11.93 mi. | Alavea Pl. 11.96 mi. | Maluu Rd. 12.03 mi. | Makaha Br. #2 12.12 mi. | Telemetering Sta. 015 12.17 mi. | Makaha Valley Rd. 12.20 mi. | Makaha Bridge #2A 12.34 mi. | End Div. Hwy. 12.42 mi. | Orange St. 12.48 mi. | Culvert 12.62 mi. | Lahilahi St. 12.71 mi. | Culvert 12.73 mi. | Jade St. 12.84 mi. | Moua St. 12.87 mi. | Rd. to Nalu Kai Court Culvert 12.98 mi. | Moua St. 13.08 mi. | Kapakai St. Water St. 13.17 mi. | Culvert 13.22 mi. | Kispa Pl. Upena St. 13.26 mi. | Moua St. 13.46 mi. | Makaha Br. #3A Kili Dr. 13.59 mi. | Makaha Br. #3 13.61 mi. | Rd. to Makaha Beach Restrooms 13.69 mi. | Rd. to Hawaiian Tel 13.73 mi. | Makau St. 13.86 mi. | Culvert 13.87 mi. | ECB (R) 14.02 mi. | Culvert 14.07 mi. | Lawaia St. 14.10 mi. | Culvert 14.28 mi. | 15MP 14.34 mi. | CONTINUED ON SHEET #4. 15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type
- 10' Gravel (10.34)
- 1' AC 10' Gra. (10.34)
- 1' AC (10.44)
- 4' AC (10.67)
- 8' Gravel (10.67)
- 6'–8' AC (10.75)
- 0 (36' AC) (11.30)
- 3' AC Bike Lane (11.40)
- 4' AC (14.18)
- 16'–20' AC (14.37)
- 10' Dirt (14.47)
- 12' Grass (14.65)
- 8'–10' Grass

Pavement: Width and Type
- 44' AC
- 24' AC
- 48' AC (10.44)
- 44' AC
- 22' AC (11.39)
- 20' AC
- 21' AC (14.03)
- 20' AC

Shoulder: Width and Type
- 8' AC
- 0
- 8' AC
- 0
- 0
- 4' AC (14.18)
- 8' Coral (14.27)
- 8' Grass (14.75)
- 8'–12' Dirt

Divided Highway

Median: Width and Type
- (0'–10' Paint) (10.19) (10.27) (11.33)
- 0'–10' Paint (12.71)

Shoulder: Width and Type
- 0
- 0

Pavement: Width and Type
- 24' AC (24' AC)
- 22' AC (11.39)
- 20' AC

Shoulder: Width and Type
- 4' AC
- 3' AC Bike Lane

Number of Traffic Lanes
- 4–11'
- 4–12' (10.44)
- 4–11'
- (2–12') (1–12') (11.53) (11.59) (11.62) (11.70) (11.79) (11.81) (11.85) (12.00) (12.08) (12.12) (12.18) (12.60) (12.67)
- 4–11' (11.39)
- 4–10'
- 2–10.5' (13.09) (13.63)
- 2–10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (10.28) (10.29) (10.33) (10.44)

(Right Side) (10.45) (10.92) (11.05) (11.29) (11.35) (12.24) (12.48)

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

Sidewalk: Width and Type (Right and Left)
- 6' Conc. (10.28)
- 5.5' Conc. (10.39)
- 6' Conc. (10.45)
- (6' Conc.) (10.75)
- 8' Conc. (11.02)
- 8'–10' Conc. S.W. (11.29)
- 6'–10' Conc. S.W. (12.78)

Curb and/or Gutter: Type (Right and Left)
- AC Curb (10.29)
- Conc. Curb (10.28)
- Conc. Curb (10.35)
- Conc. Curb (10.58)
- Conc. Curb (10.88)
- Conc. Curb (L) & (R) (11.02)
- AC Curb & Gutter (11.10)
- 2' Conc. Curb & Gutter (11.40)

Protective Devices: Type, Location and Number
- (M/M) (10.04) (10.08) M/M (10.29) Conc. Curb & Gutter (10.45) (10.58) M/M (11.27)
- Metal Pipe Railing (10.05)

Illumination: Type, Location and Number
- 190 HPS (11.28)
- 138 HPS (12.72)
- 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 (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- (1) Flat
- (2) Rolling (10.15)
- Flat (14.33)
- Rolling

Speed: 1–Design, 2–Posted
- 35 MPH (2) (10.12)
- 35 MPH (2)
- 25 MPH (2) (10.42)
- 25 MPH (2)
- 35 MPH (2) (12.33)
- 25 MPH (2) (12.77)
- 35 MPH
- 45 MPH (2) (14.07)
- 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Lights (10.12)
- 3 Phase (10.33)
- 3 Phase (10.42)
- 3 Phase (10.70)
- 3 Phase (10.83)
- 3 Phase (11.04)
- Traffic Light (11.53)
- Traffic Light (11.59)
- Traffic Light (12.77)

Traffic Stations (Current Year)
- B72 0093 00690: 25,800 (10.25); 33,655 (10.25); 33,735 (10.57)
- B72 0093 01025: 26,971; 27,006; 27,070 (10.83)
- B72 0093 01083: 25,500; 26,906 (11.93); 26,970 (12.17)
- B72 0093 01193: 20,300; 19,700 (12.71); 19,295 (12.82)
- B72 0093 01271: 11,677; 11,692 (13.09); 11,720
- B72 0093 01309: 5,300; 8,969 (13.69); 8,990
- B72 0093 01369: 4,100; 6,549; 6,565 (14.76)
- B72 0093 01475: 1,410; 1,412; 1,415

HPMS Sections – AADT 2009
- DOD 320

HPMS Sections – AADT 2008

HPMS Sections – AADT 2007

DOD Sections

Census Tracts
- Principal Arterial (14)

Functional Classification
- On NHS (1)

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
- STP–093–1(14), 1997 (R) (11.40)
- 93B–02–91, Widening, 1996 (12.26)
- (BR–093–(10), 1989, Br. Replacement) (12.47) (12.66)
- 93B–01–86M, (R) 1987
- 900C–01–67, 1966 (14.18) (14.45)
- STP–93–1(12), (R) 1996
- 93B–01–86M, (R) 1987
- 900C–01–67, 1966 (14.18)
- 93A–02–70, 1974 (10.75)
- 93B–01–75, Unit–1, Widen, 1981 (11.73)
- 900C–02–67, 1966 (14.65)
- 900C–02–68, 1967
- WDR 5(3), 1950 (10.27)
- 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.

ROAD INVENTORY

OAHU RTE 93
FARRINGTON HWY

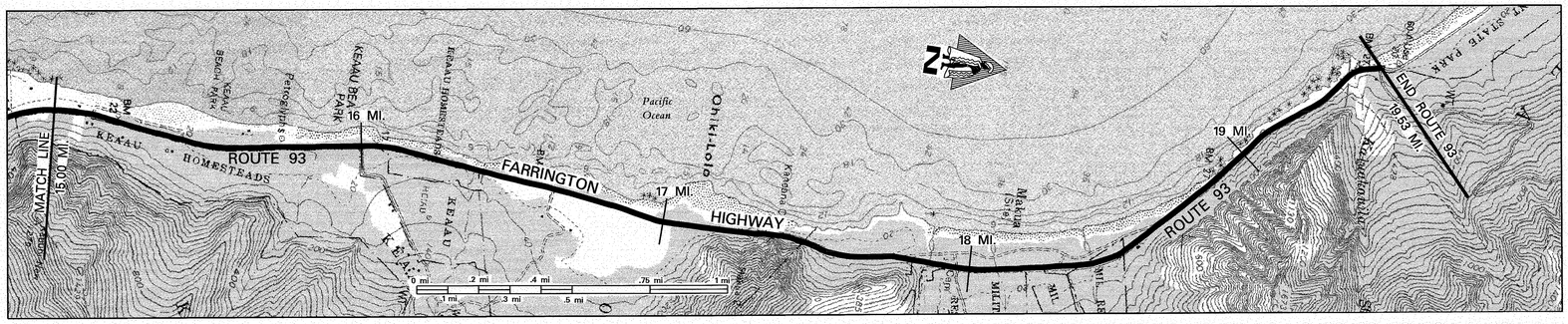
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

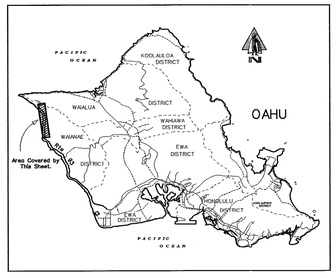
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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 _____



SCALE: (In Miles) 4" = 1 mile



Road Diagram

* MP = Milepost Signage

15.00 mi. CONTINUED FROM SHEET #1.

Ent. to Keaau Beach Park — Culvert — Waikomo Strm. Br. — First Hawaiian Bank Road — Keaau Strm. Br. — Na Ohikilolo Strm. Br. — Paniolo Country Ranch — Ohikilolo Strm. Br. — Kanaaka Cave (Makua Cave) — Tractor Crossing Military Training Area — Makua Culvert 2 Cell Rd. to Makua Beach — Makua, 3 Cell Culvert — Makua, 2 Cell Culvert — Access to Makua Beach (Barricaded) — Hawaiian Tel. Sub Station — Culvert — Culvert — Culvert — Culvert — Makua, 2 Cell Culvert — Tracking Sta. Road

FARRINGTON HIGHWAY — 17MP — 18MP

15.03 mi. 15.17 mi. 15.60 mi. 15.75 mi. 15.96 mi. 16.32 mi. 16.51 mi. 16.63 mi. 16.98 mi. 17.03 mi. 17.32 mi. 17.80 mi. 17.86 mi. 17.93 mi. 17.96 mi. 17.97 mi. 18.07 mi. 18.37 mi. 18.56 mi. 18.61 mi. 18.77 mi. 18.82 mi. 18.93 mi. 19.00 mi. 19.40 mi. 19.53 mi.

END ROUTE 93 ON FARRINGTON HIGHWAY AT KAENA POINT STATE PARK ENTRANCE TO PAVEMENT OF SATELLITE TRACKING STATION ROAD. 19.53 mi.

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' / 123' / 50' / 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'
Structure Over Road	Vertical Clearance	
Structure 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–093–1(12), (R) 1996

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 — Coral — Coral — 2'–4' Coral — Gravel — 0 — 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 — M/M — M/M — M/M — 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 (2) — Rural (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Flat / Rolling — Flat — Flat / Mountainous — Flat — Flat / Mountainous
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 2009		1,410 — 1,000
HPMS Sections – AADT 2008		1,412 — 1,412
HPMS Sections – AADT 2007		1,415
DOD Sections		DOD 320
Census Tracts		
Functional Classification		Principal Arterial (14) — Minor Arterial (6)
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 — R–AD 2(2), 1965
		WPSO–23B, 1936 — 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.

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

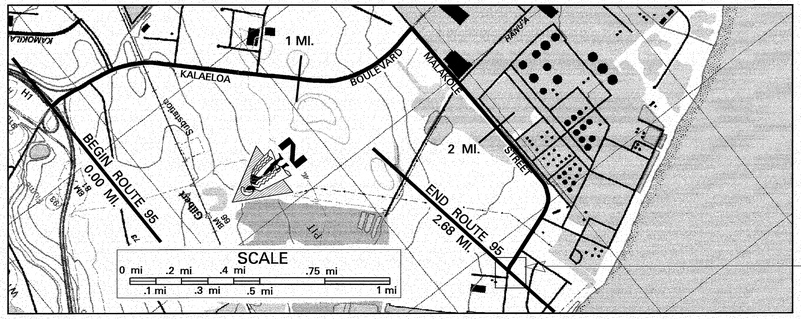
Total Route Length: 2.68 **miles**

a. Survey Length: 2.68 **miles**

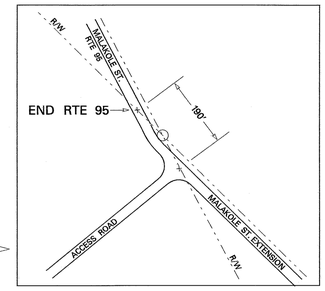
b. Proposed Length: 0.00 **miles**

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

*



SEE INSET



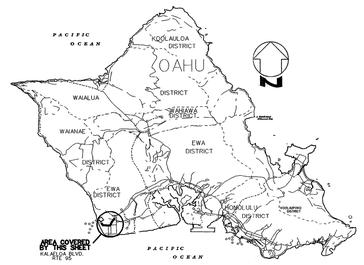
SCALE: (In Miles) 4" = 1 mile

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

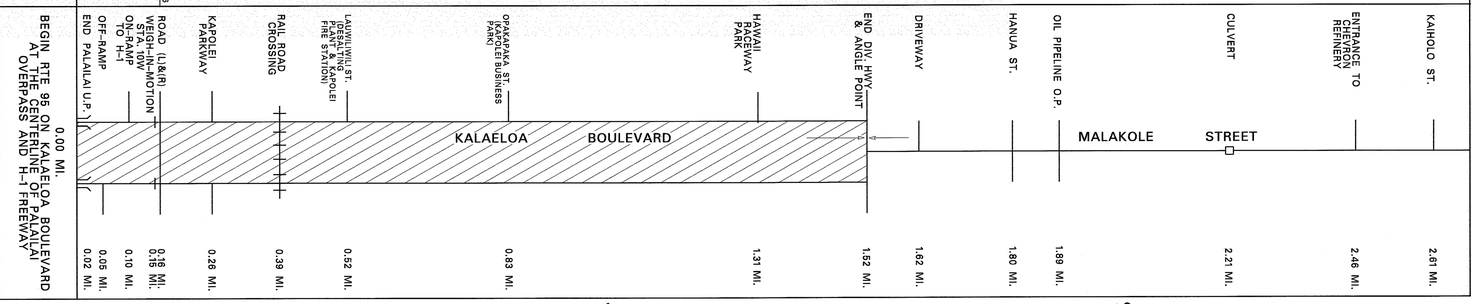
Right of Way Width (min.–max.) if varies	VARIES 0.18 · 108' · 1.82 · 150'
Available Right of Way Width (Needs Study)	
Right of Way Fence: Type – Right and Left	
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, 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



SCALE: (In Miles) 4" = 1 mile

Divided Highway

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

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

Number of Traffic Lanes	(2–12') 1–12' · 2–12' · 2–12' · 2–18' · 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1–12' (L) TURN LANE (R)
(Right Side)	12' GRASS S.W. (L)(R)
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	MV (R)
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:	LARGE URBANIZED (4) (Honolulu – 52)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT
Speed: 1–Design, 2–Posted	NOT POSTED · 35 MPH (2) · 25 MPH (2) / 35 MPH (2) · 25 MPH (2) · (NOT POSTED)
Intersection Control Devices: Type, Location and Cycle Timing	3 PHASE · 2 PHASE
Trafic Stations (Current Year)	B72 0095 00000 · B72 0095 00011 · B72 0095 00026 · B72 0095 00151 · B72 0095 00179
HPMS Sections AADT 2009	20,100 · 22,200 · 17,107 · 4,130 · 2,621
HPMS Sections AADT 2008	17,129 · 17,129 · 4,135 · 2,624
HPMS Sections AADT 2007	17,170 · 4,145 · 2,630
DOD Sections	
Census Tracts	
Functional Classification	PRINCIPAL ARTERIAL (14)
National Highway System (NHS)	On NHS (1)
Previous Projects: Project No., Date and Limits	

SCALE: (In Miles) 4" = 1 mile

Date Released	
MAR. 05, D.B.	
Revised	
5/06	G.N.
9/10	D.B.

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

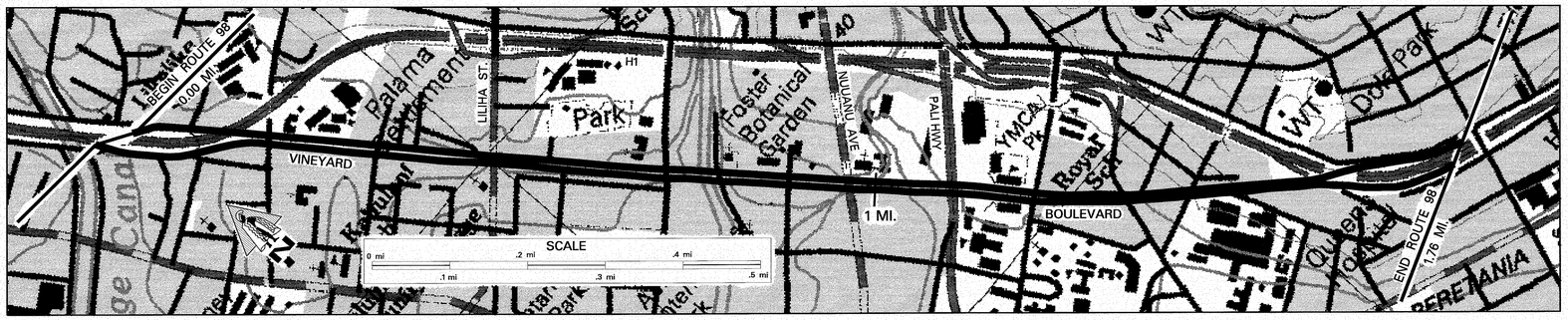
Total Route Length: 1.76 miles

a. **Survey Length:** 1.76 miles

b. **Proposed Length:** 0.00 miles

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

*



SCALE: (In Miles) 10" = 1 mile

Maintenance Control Sections : Length and Description

0.0 BEGIN 98A AT CENTERLINE AULD LANE (0.08) — 98A (1.52 MI.) — END 98A AT BEGINNING OF ON-RAMP STRUCTURE (1.60)

Structure Carrying Road

- **Bridges (Over 20'): Length, Type, Capacity and Year Constructed**
  - TEE BEAM, 1959 HS 20, 95' (0.77)
  - PEDESTRIAN, 1957 (1.18)
  - (R) CONC. BOX GIRDER, 1968, HS 20', 227' (L) CONC. BOX GIRDER, 1969, HS 20, 453' (1.60)
  - PEDESTRIAN, 1969 (1.68)
- **Vertical Clearance**
  - 99'
  - 15' 08"
  - 21'
- **Horizontal Clearance**
  - 31'
  - 31'
  - 55'
  - 37'

Structure Over Road

- **Vertical Clearance**
- **Horizontal Clearance**

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

ESTIMATED 110'

Available Right of Way Width (Needs Study)

RESIDENTIAL AREA (0.81 – 1.24)

Right of Way Fence: Type – Right and Left

8' FROM EDGE OF PAVEMENT CHAIN LINK (0.18) — CHAIN LINK 8' FROM EDGE OF PAVEMENT (0.23) — CHAIN LINK 8' FROM EDGE OF PAVEMENT (1.46) — 8' FROM E.P. STONE WALL (1.24 – 1.34) — CHAIN LINK 8' FROM EDGE OF PAVEMENT (1.36)

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

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

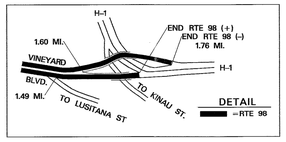
STATE

Project No., Type of Construction, and Year Constructed

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

Project No., Type of Construction, and Year Constructed

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.

0.00 Mi. — HALONA ST. — OLOMEA ST. — VINEYARD BLVD. — 1 MP — 1.77 MP

AULD LN. (0.05 MI.) · KUIPAKEA LN. (0.08 MI.) · IAO LN. (0.08 MI.) · PALAMA ST. (0.20 MI.) · PUA LN. (0.34 MI.) · WAIPA LN. (0.39 MI.) · WAIPA LN. (0.46 MI.) · LILIHA ST. (RTE 7413) (0.50 MI.) · AALA ST. (0.73 MI.) · NUUANU STR. BR. (0.77 MI.) · COLLEGE WALK (0.76 MI.) · RIVER ST. (0.80 MI.) · MAUNAKEA ST. (0.89 MI.) · NUUANU AVE. (0.97 MI.) · PALI HWY (1.01 MI.) · PEDESTRIAN OVERPASS (1.11 MI.) · QUEEN EMMA ST. (1.16 MI.) · PUNCHBOWL ST. (1.22 MI.) · PELE ST. (1.34 MI.) · MILLER ST. (1.36 MI.) · LUSITANA ST. (1.42 MI.) · VINEYARD BLVD. RAMP STRUCTURE (1.49 MI.) · PEDESTRIAN OVERPASS (1.60 MI.) · (1.68 MI.) · (1.76 MI.)

END ROUTE 98 ON VINEYARD BLVD. AT THE END OF THE ON–RAMP TO H–1 (AT CONCRETE NOSE). 1.76 MI.

SCALE: (In Miles) 10" = 1 mile

Divided Highway

Undivided

- **Shoulder: Width and Type**
  - 12' AC (0.03) — 5' AC (1.51) — 3' AC (1.60) — 6'–8" AC (1.63)
- **Pavement: Width and Type**
  - 36' AC — 48' AC (0.97) — 36' AC (1.03) — 24' AC (1.40)
- **Shoulder: Width and Type**
  - 0 — 4' AC (1.59)
- **Median: Width and Type**
  - CONC. BARR. H–1 (0.10) — 6'–40" RAISED GRASS (0.20) — 24' RAISED GRASS — 12' RAISED GRASS (1.03) — 24' RAISED GRASS — GUARDRAIL (1.42) — CONC. BARRIER (H–1)
- **Median Barriers:** = GUARDRAIL = CONC. BARRIER
  - CURB & GUTTER — 0 — 4' AC (1.56)
- **Shoulder: Width and Type**
  - 24' AC (0.07) — 36' AC — 48' AC (0.97) — 36' AC (1.47) — 24' AC
- **Pavement: Width and Type**
  - CURB & GUTTER — 5' AC (1.65) — 8' AC
- **Shoulder: Width and Type**

Number of Traffic Lanes

1–12' (0.03) 2–12' (0.07) — 3–12' 3–12' — 4–12' (0.92) 4–12' (0.97) — 3–12' 3–12' (1.40) — 2–12' 2–12' (1.47)

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

12' PARKING LANE (0.96 – 0.97)

(Right Side)

10' CONC. LANES (0.20 – 0.24; 0.34 – 0.38; 0.50 – 0.55; 0.73 – 0.81; 0.89 – 0.93; 0.97 – 1.05; 1.11 – 1.17; 1.22 – 1.28; 1.34 – 2–11' (L) TL (1.56); 0.16 – 0.20; 0.46 – 0.70; 0.92 – 0.97; 1.18 – 1.22; 1.29 – 1.34)

12' AC T.L. (0.92 – 0.97) — 12' AC (1.18 – 1.29)

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:

LARGE URBANIZED (4) (HONOLULU – 52)

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

FLAT (0.97) — ROLLING (1.68)

Speed: 1–Design, 2–Posted

30 MPH (2) — (50 MPH (MIN. 40) (2))

Intersection Control Devices: Type, Location and Cycle Timing

(B72 0098 00003) (0.07) — (4) — 3 PHASE (1.34)

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
(40,100)	(42,071)	42,971	31,300		21,900		29,724		29,287		39,648		21,300	
(43,027)	(43,027)	43,027	30,432		29,724	0.92	29,685	1.03	29,325	1.40	39,700		32,348	
	43,130	0.20	30,505	0.50	29,795		0.97		29,395	1.34	39,795	1.47	32,425	1.76

HPMS Sections – AADT 2009

HPMS Sections – AADT 2008

HPMS Sections – AADT 2007

DOD Sections

DOD 295 (0.20 – 0.50) — DOD 300 (0.50 – 1.11) — DOD 305 (1.11 – 1.76)

Census Tracts

CT 56 (0.20) — CT 55 (0.34) — CT 54 — CT 53 (0.77) — CT 51 (0.97) — CT 42 (1.22) — CT 41

Functional Classification

PRINCIPAL ARTERIAL (14)

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

Date Released	
APRIL 05,	D.B.
Revised	
6/06	D.B.
9/10	D.B.

ROAD INVENTORY

OAHU RTE 99
KAMEHAMEHA HWY.

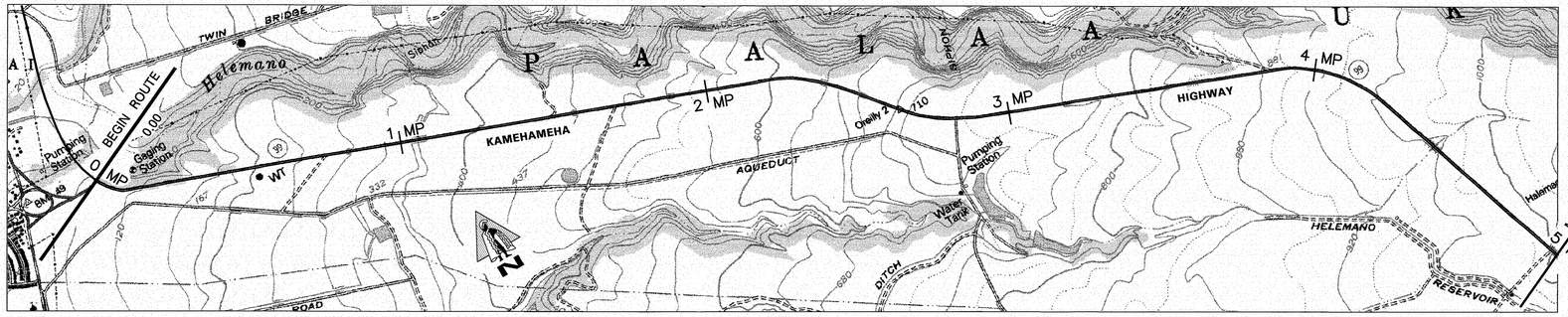
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

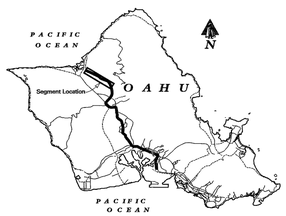
Right of Way Fence: Type – Right and Left: None

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

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

Project No., Type of Construction, and Year Constructed: 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)



Road Diagram

* MP = Milepost Signage

BEGIN RTE 99 @ CENTERLINE JUNCTION WITH JOSEPH P. LEONG HWY. AND OLD KAM HWY. (SAME AS BEGIN RTE 83) 0.00 mi.

End Divided Hwy 0.10 mi. | Ent. to Water Tank 0.49 mi. | 1 MP 0.96 mi. | 2 MP 1.96 mi. | Culvert 2.62 mi. | Field Road 2.82 mi. | 3 MP (Fallen) 2.96 mi. | Culvert 3.67 mi. | Culvert 3.82 mi. | 4 MP 3.97 mi. | Begin Divided 4.52 mi. | Pualaa Uka Pupukea Rd. 4.75 mi. | 5 MP (Fallen) 4.98 mi.

KAMEHAMEHA 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	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 0.24	2" AC/ 8"–12" Grass 0.35	6" AC/ 6"–10" Dirt 0.46	13' AC 0.78	4' AC 1.59	8'–10' AC/ 6' Gravel 1.05	8'–10' AC 1.47	4' AC 1.59	2" AC 1.74	4' AC 1.94	10'–12' AC 2.15	8'–10' AC/ 4'–8' Grass 2.41	10'–12' AC 2.67	4'–6' AC/ 2'–6' Grass 2.94	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 4.60	0
Median: Width and Type	(0'–12' Painted AC) 0.10	0.24	0.35	0.80	4.82	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): 0.16

(Right Side): 0.06 | 4.76 | 4.89 | 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 | 0.31 (Wood on Conc.) 0.34 | 0.77 | 0.89 0.90 | 1.19 | 1.28 | 1.45 | 1.59 | 1.71 | 1.74 | 1.82 | 1.83 (Metal Rails on Concrete Posts) | 2.04 | 2.20 | 2.57 | 2.58 2.62 | 3.28 | 3.45 | 3.63 | 3.66 | 3.77 | 3.81 3.90

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 (1)

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

Speed: 1–Design, 2–Posted: 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 2009: 15,298 | 20,629

HPMS Sections – AADT 2008: 15,318 | 4.75 20,656

HPMS Sections – AADT 2007: 15,355 | 3.67 20,705

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (2)

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 | 162 + 69 | 163 + 15 (NRS 21–A, 1935) | 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.

ROAD INVENTORY

OAHU RTE 99

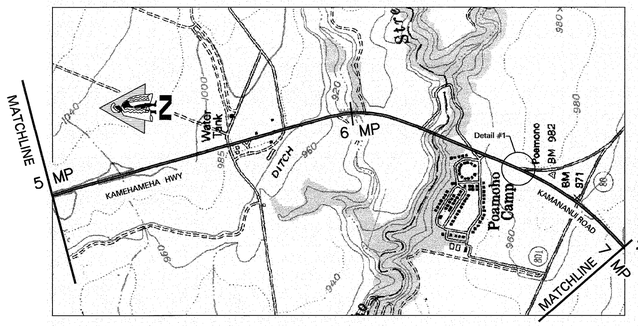
KAMEHAMEHA HWY., KAMANANUI RD., WILIKINA DR.

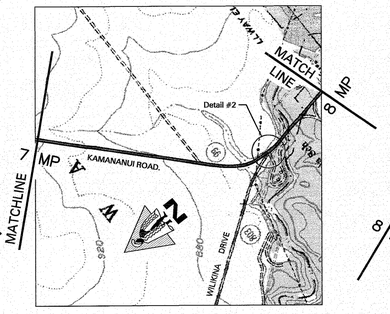
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

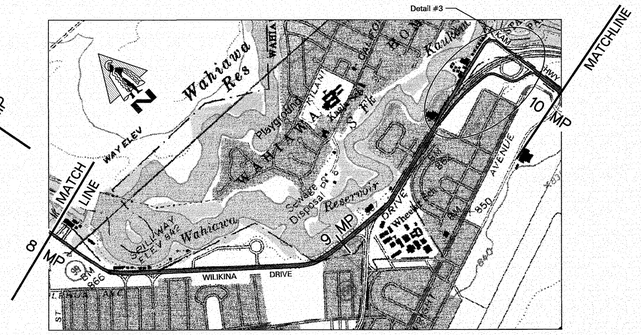
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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 _____



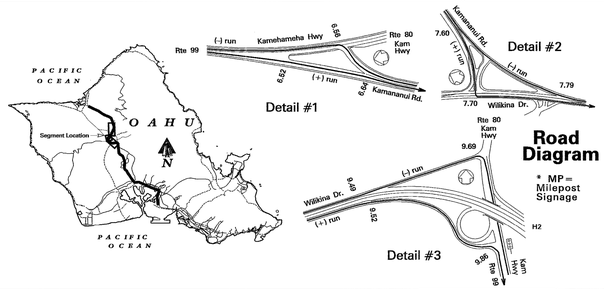




SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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
Project No., Type of Construction, and Year Constructed		(STP-099-1(18), Inter. Impr. 2000) · (09C-02-00,2004, Inter. Imprv.) · (NH-099-1(24), Rehabilitation, 2008) · (HWY-O-03-08M, SLURRY SEAL, 2009, (–) DIR ONLY) · (HWY-O-06-07M, R, SLURRY SEAL, 2007, (–) DIR ONLY)
Project No., Type of Construction, and Year Constructed		STP-0300(29), Resurfacing, 1994 · (HWY-0-01-89M, (R) 1950)



SCALE: (In Miles) 4" = 1 mile

5.00 mi. CONTINUED FROM SHEET # 1

End Divided Hwy · KAMEHAMEHA HIGHWAY · Paved Rd & Brodie Camp 2 Br. · Plantation Rd & T.C. · Paved Rd (R) · Entrances to Pineapple Stands · Poamoho Br. · Nui Ave. · Begin Divided Hwy · Kam Hwy · End Divided · Field Rd. · Kaukonahua Rd. (Rte 801) · KAMANANUI RD. · Upper Kaukonahua Br. · McNair Gate & End Divided Hwy · Paved Rd. · Wilkina Dr. · Spur · Begin Divided Hwy · Begin Divided Road (Barricaded) · WILKINA DR. · MacComb Rd. (Gate) · Funston Gate (Closed) · Rd. to Military Housing · Schofield Sands · Kunia Rd. (Rte 750) · Driveway · Lakeview Circle · End H-2 · Merge w/H-2 · Kam Hwy (Rte 80) · H-2 OverPasses I.B. · C.B. · Santos Dumont Ave · Ramp from H2 I.B. · RAMP TO KAM HWY · Begin Ramp · End Ramp · Kam Hwy

CONTINUED ON SHEET # 3 10.00 mi.

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 / 60' Grass & Dirt) · 4'–6' AC/ 3' Grass · 2'–4' AC / 20' Grass & Dirt · 2'–4' AC · 0'–2' AC · 23' AC · 11.5' AC · 4' AC
	Pavement: Width and Type	(11' AC) · 22' AC · 20' AC · 11' AC · 22' AC (4' AC) · 11' AC · 22' AC · 14'–24' AC · 24' AC · 24' AC
	Shoulder: Width and Type	(0) · 2'–4' AC / 4'–8' Grass · 2'–4' AC · 2'–4' AC/ 4'–8' Grass (0'–12' AC) (12'–60' Grass) · 4' AC · 4' AC / 10'–14' Grass · 4' AC/ 4'–10' Grass · 0'–2' AC · 0 · 4' AC · 2' AC · 0 · 0'–2' AC · 1' AC
	Median: Width and Type	(0'–12' Painted AC) · (0-8' AC) · 0'–11' Painted AC · 0 · 0'–12' Painted AC · (0'–5' Painted Median) · 22' Conc. Barrier · 21' Raised Grass · Interchange · 20' Grass (Raised)
	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 · 12' 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 · 12' AC · (1'–14.5'–23') · 0'–2' AC · 6' AC · 6' AC/ 10' Grass · 5' AC
Number of Traffic Lanes		2–11' · 2–10' · 2–11' · 1–11' · 2–12' · (2–14.5') · (1–12' (L) T.L.) · 2–11.5' · 2–12' · 4–11.5' · 2–12' · 1–15' · 2–12' · 2–11' · 14' (L) T.L.
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		Frontage Road (–) Run · 11.5 T.L.
(Right Side)		
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		6' Conc. · 4' Conc. · 4'–6' Conc. · 5' Conc. · 3'–5' Conc.
Curb and/or Gutter: Type (Right and Left)		6' Bit. Gutter
Protective Devices: Type, Location and Number	All Guard Rails: Metal on Metal Unless Indicated Otherwise.	4' Conc. Gutter (Metal on Conc.) · (Metal on Conc.)
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:		(Large Urbanized (4) (Honolulu – 52))
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Rural (1) · Rural (1) · Flat (1) · Large Urbanized (4) (Honolulu – 52)
Speed: 1–Design, 2–Posted		Rolling (2) · 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 2009		20,629 · 22,038 · 18,700 · 11,300 · 20,529 · 30,500 · 28,580 · 17,200
HPMS Sections – AADT 2008		20,656 · 22,067 · 22,067 · 12,595 · 20,556 · 20,556 · 49,776 · 23,617 · 28,617
HPMS Sections – AADT 2007		20,705 · 22,120 · 12,625 · 20,605 · 41,715 · 49,885 · 28,685
DOD Sections		
Census Tracts		
Functional Classification		(Principal Arterial (14)) · Principal Arterial (2) · Principal Arterial (2) · Principal Arterial (14) · Freeway & Expressway (Conn. Link)
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 · 99C-01-79M, (R) 1979 · (C-99-06-60, 1960)
		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

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.

ROAD INVENTORY

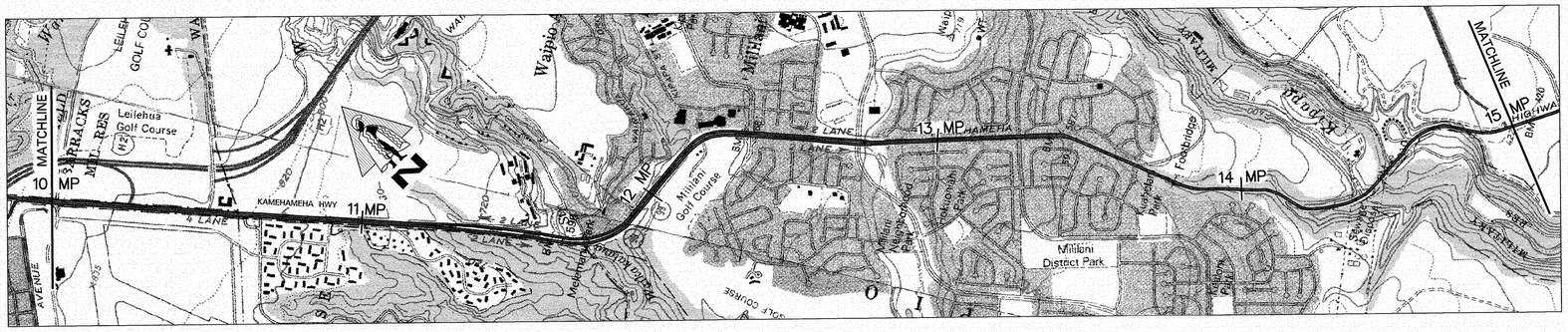
OAHU RTE 99
KAMEHAMEHA HWY.

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 _____

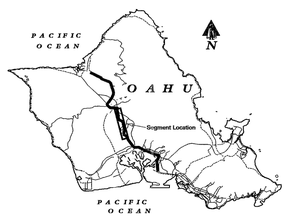


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	282' Outbound – TBM, 1950, HS20; Inbound – RC Arch Girder, 1937, H15 (Old Struct.) — Waikakalaua Br.
	Vertical Clearance	225'
	Horizontal Clearance	Outbound 28'; Inbound 30'
Structure Over Road	Vertical Clearance	TBM, 1933, H15, 484' — Kipapa Br.
	Horizontal Clearance	30'
		13.5' — Pedestrian Overpass
		36'
Right of Way Width (min.–max.) if varies		100' – 120' / 116' – 245' / 120' – 275' / 70' – 240'
Available Right of Way Width (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 / State
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		81+00
Project No., Type of Construction, and Year Constructed		NH–099–1(24), Rehabilitation, 2008 — (NH–099–1(12), Widening, 1997)
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

99C (9.09mi.)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2

10.00 mi.

Ramp Access from H–2 (10.21 mi.) — Leilehua Golf Course Road (10.48 mi.) — Field Rd. (10.86 mi.) — Waikakalaua Br. (11.58 mi.) — Waikalani Dr. (11.63 mi.) — Waihau St. (11.69 mi.) — Kipapa St. (12.21 mi.) — Kuahelani Ave 12.37 mi. (12.39 mi., 12.35 mi.) — Mahinulu Parkway (12.73 mi.) — Lanikuhana Ave (13.23 mi.) — End Divided Hwy (13.39 mi.) — Pedestrian Overpass (13.75 mi., 13.74 mi.) — Beg Divided Hwy (14.34 mi.) — End & Beg Divided Hwy & Dairy Rd. (14.39 mi., 14.41 mi., 14.50 mi.) — Road Ⓛ & Emergency Call Box (14.52 mi.) — Beg Divided Hwy (14.53 mi.) — End Divided (14.63 mi.) — Beg Divided (14.77 mi.) — (14.93 mi.)

KAMEHAMEHA HIGHWAY

35+05; 17+40; I.B. 92+65; 14 MP; 13 MP; 15 MP; 15 MP

Lehua Rd (R) to 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.; 12.71 mi.; 13.23 mi.; 13.39 mi.; 13.75 mi., 13.74 mi.; End 14.50 mi. Begin 14.39 mi., 14.41 mi.; 14.53 mi.; 14.63 mi.; 14.77 mi.; 14.93 mi.

CONTINUED ON SHEET #4

15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	4' AC (10.32); 5' AC (10.85); 3' AC (10.85); 5' AC (11.61); 3' AC (11.91); 0'–2' AC (12.27); 0'–2' AC / 15' Grass (12.89); 0'–2' AC / 50' Grass & Dirt (13.53); 0'–2' AC (14.35); 2'–4' AC / Dirt & Gravel (8' AC)
	Pavement: Width and Type	24' AC (10.07); 22' AC; 23' AC; 24' AC; 33' AC; 11' AC; 24' AC; 11' AC (35' AC)
	Shoulder: Width and Type	1' AC; 1.5' AC (11.28, 11.36, 11.45, 11.68); 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; 2'–4' AC (11' AC)
Divided Highway	Median: Width and Type ▭ = Concrete Barrier ⊢ = M/M Guardrails	5'–20' Raised Grass; 22' Grs.; 15'–20' Raised Grass; 10'–20' Grs.; 10'–15' Grs.; 15'–40' Sloped Grs.; 40'–50' Sloped Grass; 20' Grs.; 20'–30' Raised Grass; 20' Grs.; 2'–20' Grass; 2'–12' Grass; 10'–12' Grs.; (0'–8' AC); 10'–8' Grs.; (0'–11' Painted AC); 0'–11' Painted AC (0'–18" Painted AC)
	Shoulder: Width and Type	1' AC; 3' AC; 1' AC; 0'–1' AC; 0'–2' AC; 4' AC; 0'–2' AC; 0; 0; 0; (0)
	Pavement: Width and Type	22' AC; 24' AC; 23' AC; 24' AC; 11' AC (24' AC); 11' 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'; 2–12'; 2–11'; 1–11'; 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		18' TL; 15' 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.; 6' Conc. S.W.; 11.58 Conc. S.W.; 4' Bituminous SW; 4' AC S.W.; 4' Conc. S.W.; (4' AC S.W.); 6' PCC S.W.; (4' Bituminous S.W.)
Curb and/or Gutter: Type (Right and Left)		Concrete Gutter; Conc. Swale; Curb; 2' Conc. Curb & Gutter; Bituminous Curb; Curb & Gutter; Concrete Curb; Curb & Gutter; Wood on Conc. M/C; Metal Rails on Concete Posts (to end of sheet); Conc. Curb; 10' Chainlink Fence
Protective Devices: Type, Location and Number		M/M; M/C
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:		Large Urbanized (4) (Honolulu – 52)
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; 45 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing		3 Phase; 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 01451
HPMS Sections AADT 2009		17,200; 17,400; 30,896; 30,896; (30,896)
HPMS Sections AADT 2008		28,617; 21,663; 30,936; 30,936; (30,936)
HPMS Sections AADT 2007		28,685; 27,170; 21,715; 20,705; 19,190; 22,930; 14,245; 31,010
DOD Sections		
Census Tracts		
Functional Classification		Frwy & Expressway (Connecting Link) (12)
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–01–73, (R) 1975; C–99–06–60, 1960; DA–WR 8(3), 1947; 99C–01–78M, (R) 1979; SN (DC) FA F–7(20), 1949; WPH–7G, 1937; WRH–7D, 1934; NRH–7D, 1934; WPH–7–1, 1936 ;2; SN FAP 7(19), 1949; WPH–7–1, 1936; 99C–01–75, 1975; WDRC 5(1), 1946; FAP 7–F, 1932; C–99–01–60, 1960

SCALE: (In Miles) 4" = 1 mile

Date Released
May 2002

Revised	
Apr. 04	D.B.
5/06	G.N.
Feb. 09	D.B.
Sept. 10	D.B.

ROAD INVENTORY

OAHU RTE 99

KAMEMEHAHA HWY., FARRINGTON HWY.

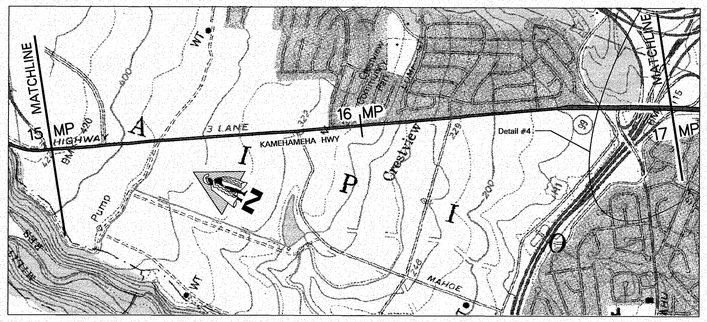
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

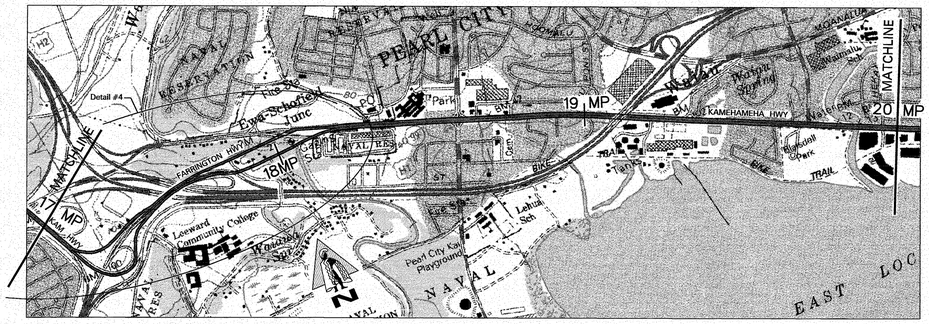
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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 _____

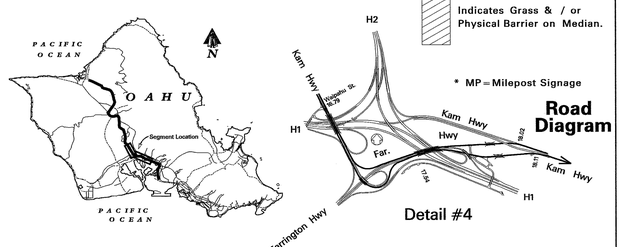




SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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 / CBG, 1969 260' / TBM, H15, 1933 333' / TBM, HS20, 1952 200' / 154' TBM 1988 / 38' TBM, HS20, 1962 / P/CB, 1969 / 45' P/CB, HS20, 1966
	Vertical Clearance	65' / 489' / 184' / 527' / 18' / 30' / 28' / 38' / 45'
	Horizontal Clearance	Waipahu U.P. 28' 28' / Ht U.P. 34' 34' / Farrington Hwy U.P. 23' 33' / Ht U.P. 43' / Waiawa Br. I.B. / Pearl City Br. 42' 42' / Ht Overpass 39' 38' / Waimalu Str. Br.
Structure Over Road	Vertical Clearance	16' 16' 38' 38' / Ht Ramp Waiawa O.P. / Waiawa Br. O.B. 16' 34" / Kam Hwy O.P. 33' / 10' 99'
	Horizontal Clearance	
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-01-92M, 1993 Left Turn Lanes / NH–099–1(11), 1994
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 / 99E–01–91M, (R) 1992



CONTINUED FROM SHEET #3

15.00 mi.

Ka Uka Blvd (15.14 mi.) | Waipio Uka St (15.86 mi.) | Lumiaina St (16.24 mi.) | Lumiauau St (16.53 mi.) | Waipahu St (16.73 mi.) | Waipahu U.P. (16.74 mi.) | H-1 U.P. (16.79 mi.) | 17 MP 16.81 mi. | Ramp from H1 I.B. (17.13 mi.) | Ramp from Farr. Hwy O.B. (17.20 mi.) | Farrington Hwy (Rte 7101) 17.38 mi. | Detail #4 | H1 U.P. (17.47 mi.) | Ramp Acc to H-1 (17.54 mi.) | Waiawa Br. O.B. 17.84 mi. | Kam Hwy O.P. 17.98 mi. | Old Kam Hwy 18.02 mi. | Access to Ht & H2 | Aiea Rd (Manana Housing) | Spur to Home Depot | Waimano Home Rd | Pearl City Br. | Puu-Momi St. | Puu-Pont St. | H1 Overpass Road | Kuleana St. | Road | Kuluamoi Pl. | Hila Pl. | Kahumanu St. | Waimalu Str. Br. (19.86 mi.) | Helaiha St. | CONTINUED ON SHEET #5 20.00 mi.

KAMEHAMEHA HWY | FARRINGTON HWY | KAMEHAMEHA HWY

#4A | #4B | #10A | #10B | #3A | #3B | Ramp from Farr. Hwy I.B. | On Ramp from H-1 | Off Ramp to Waipahu | Ramp Acc to H-1 | Farrington Hwy | H-1 Ramp O.P. | Waiawa Br. I.B. | Access from Pearl City Park | Kam Hwy | Lehua Ave | (Park Entrance) | Power Plant

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 (M/M Guardrail, Conc. Barrier, 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)		u-turn
	(Right Side)	u-turn
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		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:		
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Large Urbanized (4) (Honolulu – 52)
Speed: 1–Design, 2–Posted		Flat ① / Rolling ② / Flat ①
		45 MPH ② / 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing		3 Phase / 3 Phase / 3 Phase / 3 Phase / 3 Phase / (+) Run Only / 2 Phase / 4 Phase / 4 Phase / 3 Phase / 3 Phase / 3 Phase / 3 Phase
Traffic Stations (Current Year)		B72 0099 01507 / B72 0099 01669 / B72 0099 01718 / B72 0099 01729 / B72 0099 01736 / B72 0099 01747 / B72 0099 01765 / B72 0099 01811 / B72 0099 01854 / B72 0099 01825 / B72 0099 01966
HPMS Sectiona – AADT 2009		38,846 / 45,990 / (45,990) 45,990 / 45,990 / 44,200 / 26,200 / 26,400 / 37,100 / 33,200 / 35,100 / 30,600
HPMS Sectiona – AADT 2008		38,897 / 46,050 / (46,050) 46,050 / 46,050 / 46,050 / 47,257 / 65,394 / 65,394 / 54,814 / 40,204 / 49,173
HPMS Sectiona – AADT 2007		31,010 / 24,645 / 38,990 / 38,280 / 37,575 / 45,050 / 46,160 / 47,370 / 65,550 / 65,550 / 54,945 / 40,300 / 42,000 / 49,290
DOD Sections		
Census Tracts		
Functional Classification		Freeway & Expressway (Connecting Link) (12) / Principal Arterial (14)
National Highway System (NHS)		Not On NHS (0)
Previous Projects: Project No., Date and Limits		NH–099–1(9), (Widening) 1995 / 99C–01–78M, (R) 1979 / HWY–0–03–83M, (R) 1983 / 90-BC-01-73, (R) 1975 / (90BC–01–76 M, (R) 1976) / C–99–01–60, 1960 / F–7(21), 1953 / 90A–01–77M, (R) 1978 / U–090–1(9), 1965 / U–090–1(9), 1965 (HWY–0–01–88M, (R) 1988) / (DA–NR 13(2), 1944) / FAP 7–C, 1931 / I–H1–1(36):8, 1967 / I–H1–1(47):9, 1988 / F–9(28), 1952 / F–090–1(6), 1961 / (DA–NR 13(2), 19-44) / (FAP 7–F, 1932)

SCALE: (In Miles) 4" = 1 mile

Date Released
May 2002
Revised
Aug. 04 D.B.
Sept. 10 D.B.

ROAD INVENTORY

OAHU RTE 99
KAMEHAMEHA HWY.

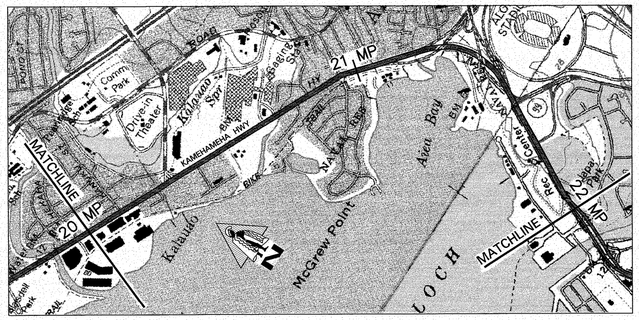
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 _____


20 MP
21 MP
MATCHLINE
MATCHLINE
Kalaeloa Blvd
Kalaeloa Blvd
Kamokila Blvd
KAMEHAMEHA HWY
Comm. Park
Diversion Master
Kalaeloa Spr.
Bike Path
Bike Path
Kalaeloa Blvd
Kalaeloa Blvd
Makaiwa Spr.
Makaiwa Spr.
Kalaeloa Blvd
Kalaeloa Blvd
Kalaeloa Blvd

ROAD INVENTORY

OAHU RTE 750
KUNIA ROAD

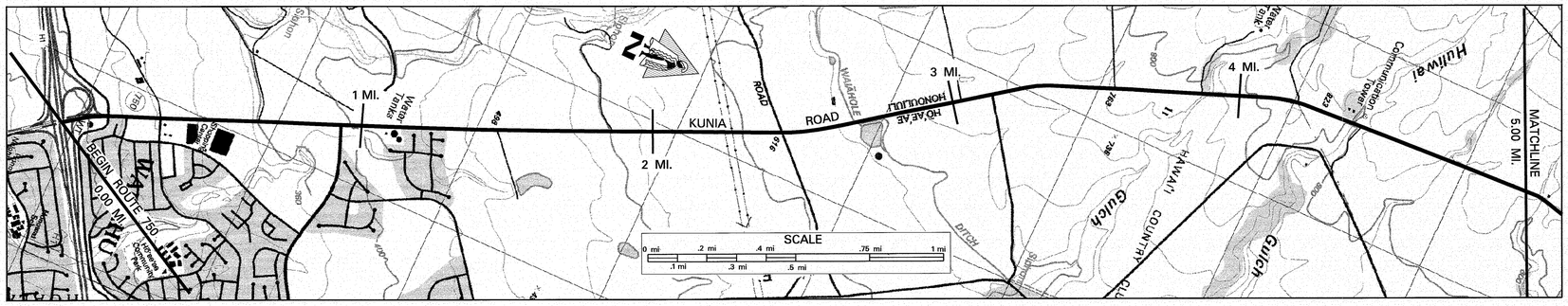
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

*


1 MI.
2 MI.
3 MI.
4 MI.
5.00 MI.
MATCHLINE
KUNIA ROAD
HONOULIULI
WAIAHOLE
BEGIN ROUTE 750
0.00 MI.
KUNIA
WATER TANK
SCALE
0 mi .2 mi .4 mi .6 mi .75 mi 1 mi
.1 mi .3 mi .5 mi
HAWAII COUNTRY CLUB GOLF COURSE
Gulch
Gulch
Gulch

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

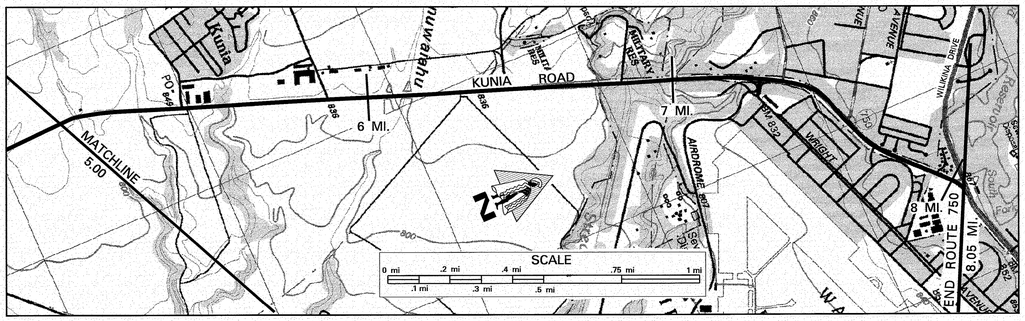
Total Route Length: 8.05 miles

a. Survey Length: 8.05 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

750 A (7.92 MI.) — END 750 A SAME AS END ROUTE

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' – 130' | 100'

Available Right of Way Width (Needs Study): CLEAR 1000' – PINEAPPLE – 20' FROM PAVEMENT | MILITARY RESERVATION

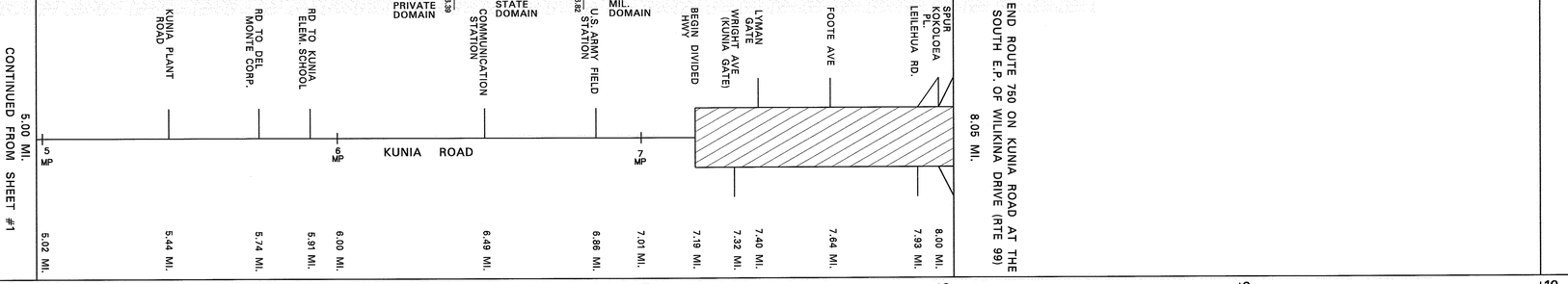
Right of Way Fence: Type – Right and Left

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: (STP–0750(9), RESURFACING, 1996) (STP–0750(11), 2000) (RS–0750(7), (R), 1986)

Project No., Type of Construction, and Year Constructed: STP–0750(9), RESURFACING, 1996 | STP–7500(1), 1997, (R)



SCALE: (In Miles) 4" = 1 mile

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

Divided Highway
- Median: Width and Type
- 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): 1=CONC. CURB; 2=MOUNTABLE CONC. CURB

Protective Devices: Type, Location and Number (ALL METAL ON METAL UNLESS OTHERWISE INDICATED)

Illumination: Type, Location and Number: HPS

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative: –6 | +6

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (1) | LARGE URBANIZED (4) (HONOLULU –52)

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

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

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

Traffic Stations (Current Year): B72 0750 00379 | B72 0750 00704

HPMS Section – AADT 2009: 12,579 | 15,702

HPMS Section – AADT 2008: 12,595 | 15,722

HPMS Section – AADT 2007: 12,325 | 15,760 (24,645)

DOD Sections

Census Tracts

Functional Classification: MINOR ARTERIAL (6) | MINOR ARTERIAL (16)

National Highway System (NHS): NOT ON NHS (0) | ON NHS (1)

Previous Projects: Project No., Date and Limits

STP–0750(9), RESURFACING, 1996
RS–0750(7), RESURF., 1986
SR–0750(6), RESURFACE, 1984
A–75–01–64, 1964, (R)
NRH–16A, 1933
7500A–01–88M, (R), 1988
750A–01–71, (R), 1971
DAWR 8(3), 1947

SCALE: (In Miles) 4" = 1 mile

Date Released
MAR. 05, D.B.
Revised	
6/06	D.B.
9/10	D.B.

ROAD INVENTORY

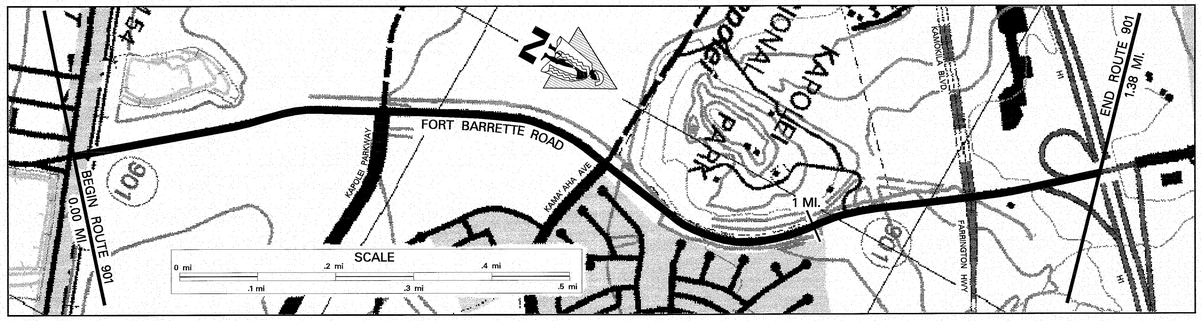
OAHU RTE 901
FORT BARRETTE ROAD

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

0.80 (CHAINLINK 20′ FROM PAVEMENT) 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)

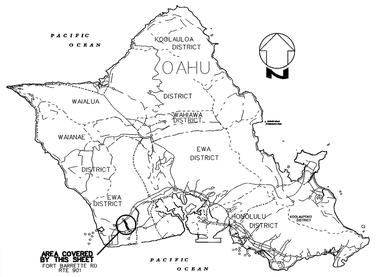
STATE

Project No., Type of Construction, and Year Constructed

1.28 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

BEGIN ROUTE 901 ON FORT BARRETTE ROAD AT THE NAVAL RES. GATE. 0.00 MI.

RENTON RD. | KAPOLEI PARKWAY | END DIVIDED HWY | BEGIN DIVIDED HWY | WAIMANALO RD. | KAMA'AHA AVE | END DIVIDED HWY | BEGIN DIVIDED HWY | PAVED RD. | KAMOKILA BLVD. (L) | RAMP TO H-1 | RAMP TO H-1 | END ROUTE 901 ON FORT BARRETTE ROAD AT THE BEGINNING OF MAKAKILO O.P. (H-1) 1.38 MI.

R/R XING | FORT BARRETTE | ROAD | FARRINGTON HWY

MP 0 | 0.02 MI. 0.00 MI. | 0.14 MI. | 0.41 MI. | 0.55 MI. | 0.57 MI. | 0.59 MI. | 0.71 MI. | 0.84 MI. | 1.05 MI. | 1.07 MI. | 1.19 MI. | 1.22 MI. | 1.31 MI. | 1.35 MI. | 1.38 MI. 1.38 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

6′ AC

Pavement: Width and Type

24′ AC 0.08 | 12.5′ AC | 25′ AC 0.84 | 12.5′ AC | 25′ AC | 12′ GRASS 1.22 0 | 13′ AC 1.15 | 24′ AC

Shoulder: Width and Type

0 | 0 | 6′ AC | 0

Median: Width and Type

10′ FLUSH GRASS 0.14 | 12′ PAINT | 0.55 0.59 | 12′ PAINT | 0.84 1.07 | (0–10′ PAINTED) | 1.15 10′ RAISED GRASS 1.22 | 12′ PAINT

Median Barriers:

Shoulder: Width and Type

0 | 0 | 0

Pavement: Width and Type

24′ AC 0.08 | 12.5′ AC | 12.5′ AC | 13′ AC 1.15 | 24′ AC

Shoulder: Width and Type

6′ AC | 6′ AC | 13′ CORAL 1.22 0

Number of Traffic Lanes

4–12′ 0.08 | 2–12.5′ | 2–13′ 1.15 | 4–12′ 1.38

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

0.41 0.60 0.50 | 0.71 0.80 | 1.22 1.31 | ALL 12′ T.L.s.

(Right Side)

0.33 | 0.61 0.76 | 1.15

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 0.11 | CURB & GUTTER 1.07

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:

LARGE URBANIZED (4) (HONOLULU – 52)

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

(1) FLAT | 1.23 (2) ROLLING

Speed: 1–Design, 2–Posted

0.08 25 MPH (2) NOT POSTED 0.10 | 45 MPH (2) 0.63 | 40 MPH (2) 1.08 | NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing

2 PHASE LIGHT 0.27 | 2 PHASE TRAFFIC LIGHT 1.23

Traffic Stations (Current Year)

B72 0901 00000 | B72 0901 00008 | B72 0901 00115 | B72 0901 00122

HPMS Sections – AADT 2009

27,778 | 27,778 | 13,500 | 48,900

HPMS Sections – AADT 2008

27,814 0.08 | 27,814 | 29,624 | 42,020

HPMS Sections – AADT 2007

0.00 27,880 | 29,695 | 42,120 1.38

DOD Sections

DOD 360

Census Tracts

CT 86.02

Functional Classification

MINOR ARTERIAL (16)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

SR-901(1), RESURF., 1981 | DAD 1(2), 1959 | 1.07 901A-01-72, 1972 | 1.22 1.31 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

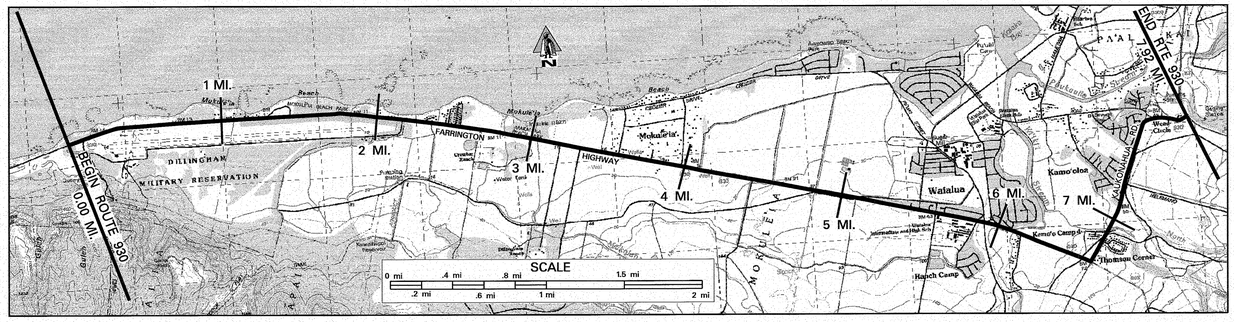
Date Released
MAR. 05, D.B.
Revised	
6/06	D.B.
9/10	D.B.

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

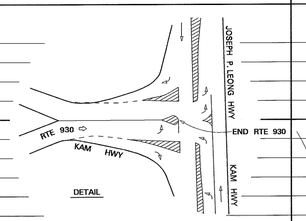
BEGIN 930 B SAME AS ROUTE. | 930 B (5.69 MI.) | END 930 B & BEG. 930 C ON FARR. HWY. AT CENTERLINE OF KUHI ST. | 930 C (0.99 MI.) | END 930 C & BEG. 930 D ON FARR. HWY. AT WEST E. P. OF KAUKONAHUA RD. | END 930 D SAME AS END ROUTE

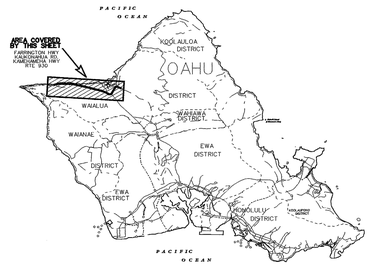
Structure Carrying Road

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

	SLAB, H15 1941	SLAB, H15 1940	SLAB, H15 1940	SLAB, H15 1940	SMS 1940	TBM, H15 1940	SLAB, H15 1941	OTHER, H15 1934
Vertical Clearance	22'	52'	96'	50'	62'	148'	23'	164'
	1.21	1.82	2.81	3.03	5.95	6.15	6.61	6.90
Horizontal Clearance	32'	24'	24'	24'		26'	36'	24'
Structure Over Road								
Vertical Clearance						16'–04"		
Horizontal Clearance						24'		

Right of Way Width (min.–max.) if varies	60'–75'	0.92	80'						70'						5.29	70'–110'	6.42	60'–70'	7.01	60'–65'	7.20	60'	7.80	70'
Available Right of Way Width (Needs Study)	TREES AND BUSHES			1.98	2.11	RESIDENTIAL		2.83	3.28	3.28	1000' CLR–SUGAR CANE 20'–30' F.P.					6.19	RESIDENTIAL					CLR 1000' SUGAR CANE		
Right of Way Fence: Type – Right and Left					(WOOD 16' F.P.)			2.53	(WOOD 30' F.P.)	3.26														
Control of Access: 1–None, 2–Partial, 3–Full					2.17			WOOD 39' F.P.																
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	NONE																							
Project No., Type of Construction, and Year Constructed	STATE PHASE I (C TO S)																							
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				



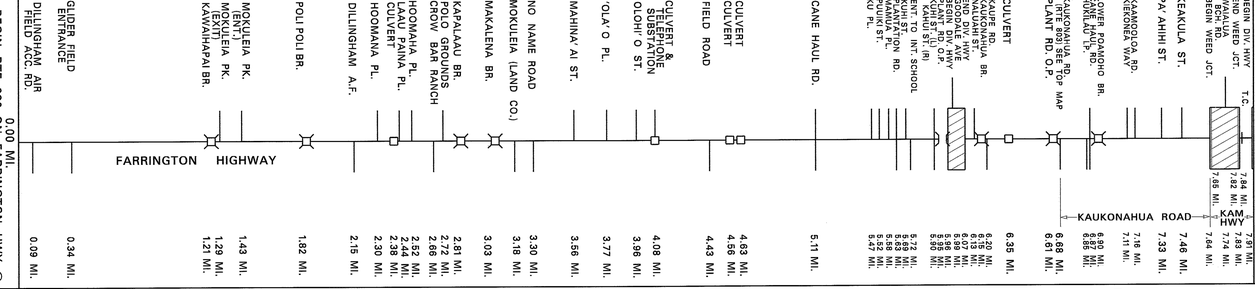


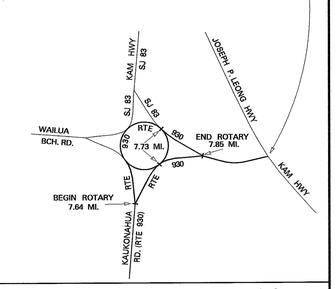
Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN RTE 930 ON FARRINGTON HWY. @ 0.00 MI.
THE KAENA PT. STATE PARK BDRY.
0.09 MI. DILLINGHAM AIR FIELD ACCESS RD.
0.34 MI. GLIDER FIELD ENTRANCE
FENCE LINE W/ DILLINGHAM AIR FIELD @ PROJECTED





SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type	4' AC																					
Pavement: Width and Type	22' AC																					
Shoulder: Width and Type	4' AC																					
Median: Width and Type	0																					
Median Barriers:																						
Shoulder: Width and Type	0																					
Pavement: Width and Type	22' AC																					
Shoulder: Width and Type	0																					
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)																						
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	RURAL (1)																					
Speed: 1–Design, 2–Posted	FLAT																					
Intersection Control Devices: Type, Location and Cycle Timing	NOT POSTED		35 MPH (2)			45 MPH (2) / 35 MPH (2)			25 MPH (2) / 45 MPH (2)		25 MPH (2)		35 MPH (2)		(25 MPH (2))	25 MPH (2)	(45 MPH (2))					
Traffic Stations (Current Year)	B72 0930 00000		B72 0930 00215			B72 0930 00356			B72 0930 00552		B72 0930 00599		B72 0930 00668		B72 0930 00765	B72 0930 00764	B72 0930 00784					
HPMS Sections – AADT 2009	1,714		2,516			6,745			6,745		8,554		7,149		(7,149)	(7,149)	(7,149)					
HPMS Sections – AADT 2008	1,716		2,519			6,754			6,754		8,565		7,158		7,164		(7,158)					
HPMS Sections – AADT 2007	1,720		2,525			3,535			6,770		8,585		7,175		(7,158)	(7,158)						
DOD Sections	DOD 326												DOD 330									
Census Tracts	CT 99.01												99.02									
Functional Classification	MAJOR COLLECTOR (6)																					
National Highway System (NHS)	NOT ON NHS (0)																					
Previous Projects: Project No., Date and Limits																						

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

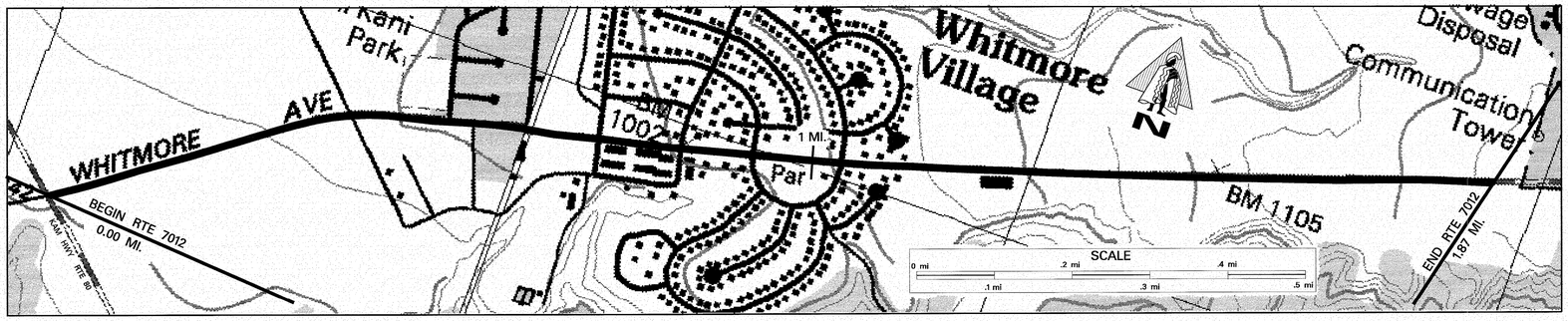
Total Route Length: 1.87 miles

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

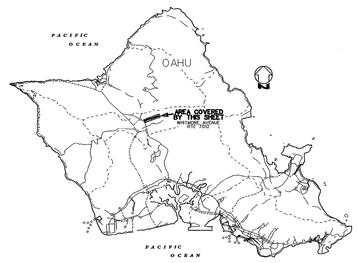
Right of Way Fence: Type – Right and Left: (CHAINLINK 15' FROM EDGE OF PAVEMENT) 0.63 0.65 — 1.29 1.31 (CHAINLINK 15' FROM EDGE OF PAVEMENT)

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 0.00 MI. AT THE NORTHEAST EDGE OF PAVEMENT OF KAM HWY (RTE 80).

TRACTOR CROSSING 0.03 MI. | BEG DIVIDED 0.15 MI. | PAVED RD (L) 0.30 MI. | END DIVIDED 0.39 MI. | TRACTOR CROSSING 0.42 MI. | UAKANIKOO ST. 0.52 MI. | KULIA ST. 0.62 MI. | DRIVEWAY TO DOLE CORP. (L) 0.72 MI. | DRIVEWAY TO DOLE CORP. (L) 0.83 MI. | EHOEHO AVE. (L) 0.92 MI. | IHIIHI AVE. (L) 1.03 MI.

WHITMORE AVENUE

IHIIHI AVE (R) 0.72 MI. | LALAWAI ST. (R) 0.83 MI. | NANI IHI AVE. (R) 0.92 MI. | 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: (22' AC) 0.02 | 4' AC | 0.72 | 2' AC | 1.13 | 4' AC

Pavement: Width and Type: 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:

Shoulder: Width and Type: 0.15 | 0.42 | 0'

Pavement: Width and Type: 22' AC 0.18 | 11' AC

Shoulder: Width and Type: 4' AC

Number of Traffic Lanes: (2–11') 0.02 | 2–11' | 0.40 | 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1 0.02 0.18 0.30 0.27

(Right Side): 1 0.02 0.03

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:: LARGE URBANIZED (4) (HONOLULU – 52)

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

Speed: 1–Design, 2–Posted: 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: (NOT POSTED) 0.00 0.06 TRAFFIC LIGHT 0.00 | 0.72 STOP SIGN | STOP SIGN 1.03 | 1.21 NOT POSTED

Traffic Stations (Current Year): B72 7012 00000 | B72 7012 00040 | B72 7012 00052 | B72 7012 00103

HPMS Sections – AADT 2009: 10,900 | 12,075 | 12,075 | 1,600

HPMS Sections – AADT 2008: 12,091 0.40 | 12,091 0.52 | 12,091 | 2,519

HPMS Sections – AADT 2007: 12,120 | 1.03 | 2,525 1.87

DOD Sections: DOD 100

Census Tracts

Functional Classification: COLLECTOR (17)

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

Previous Projects: Project No., Date and Limits: 0.01 804 A–01–87M 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.*

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

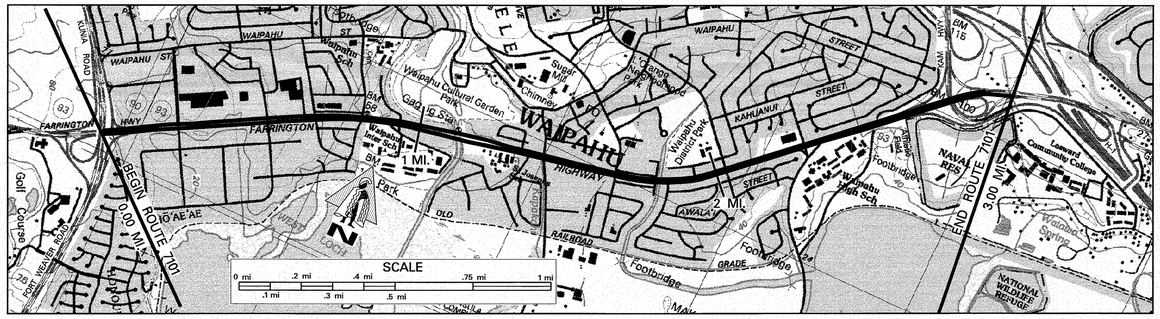
Total Route Length: 3.00 miles

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 | 2.55 | 2.78 2.78

Horizontal Clearance

98' | OUTBOUND : 36' INBOUND : 24' 24' | 99' | 94' | 82'

Stream Over Road — Vertical Clearance

15' 10" | 16' 03"

Stream Over Road — 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)

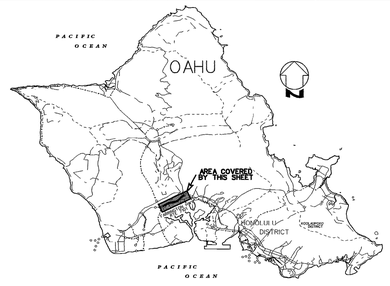
43+80.28 — STATE — 36+05

Project No., Type of Construction, and Year Constructed

0.00 — 7101A-01-04M, REHAB., 2006 — 3.00

Project No., Type of Construction, and Year Constructed

0.08 — 7101A-01-98, IMPRV., 2003 — 2.79



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.

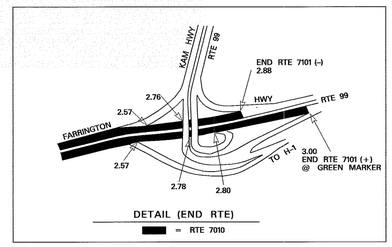
ON RAMP A (R) OFF RAMP E | LEOLE ST. (R) LEOKU ST. (L) | CULVERT | LEOKANE ST. | PUPUKAHI ST. | PUPUPUHI ST. | WAIKELE RD. | ANIANI PL. | WAIKELE BR. #1 | WAIKELE BR. #2 | MAKAMAKA PL. | WAIPAHU DEPOT ST. KAPAKAHI BR. HANAWAI CIR. | AWALAU ST. (R) | MOKUOLA ST. (L) | AWAMOKU ST. WAIPAHU CANAL BR. MOLOALO ST. | KAHUAMOKU | PAIWA ST. (L) AWANUI ST. (R) | WAIPIO ACC. RD. WAIPIO PT. (R) ACC. RD. KAHUALII ST. (L) | H-1 ON-RAMP (R) KAMEHAMEHA HWY. (L) OFF-RAMP (L) OAHU SUGAR CO. RD. UNDERPASS | ON RAMP STRUCT. #10A STRUCT. #10B | OFF RAMP

1 MP — 2 MP — 1.40 MI. — 163+25 — 17.73 MP

FARRINGTON HIGHWAY

0.09 Mi. | 0.24 Mi. | 0.41 Mi. 0.40 Mi. | 0.63 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. 1.40 Mi. | 1.64 Mi. | 1.78 Mi. 1.77 Mi. | 1.90 Mi. | 2.01 Mi. | 2.26 Mi. | 2.32 Mi. | 2.50 Mi. | 2.57 Mi. | 2.76 Mi. 2.78 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' 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

Median: Width and Type

36' | 24' | 36' | 24' | 4'–25' | 10' | 10' RAISED GRASS

Median Barriers:

CHAIN LINK FENCE — TREES & SHRUBS ON RAISED GRASS

Divided Highway — Shoulder: Width and Type

0'

Pavement: Width and Type

24' AC | 26' AC | 24' AC | 26' AC | 24' AC

Shoulder: Width and Type

8' GRASS | 0' | 8'–12' GRASS | 8'–12' GRASS | 0' | 3' AC | 8'–10' GRASS | 10' DIRT | 10' AC

Number of Traffic Lanes

4–12' | 1–13', 1–14' 1–12', 1–14' | 1–11', 1–14' | 2–12' | 3–12' | 1–12', 1–14' | 2–12' | 2–12' | 2–11"

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

0.50 | 0.61 | 11' TL | 1–12' DECEL

(Right Side)

0.36 | 0.64 | 0.43 | 14' TL

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)

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:

LARGE URBANIZED (4) (HONOLULU – 52)

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

ROLLING

Speed: 1–Design, 2–Posted

(NOT POSTED) — 35 MPH (2) | 30 MPH (2) | 35 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 00292) | B72 7101 00260 (27,070)

HPMS Sections – AADT 2009

40,356 | 17,600 | 22,100 | 30,692 | 30,692 | 33,008 | 23,300 | 27,070 | 27,070

HPMS Sections – AADT 2008

40,409 | 30,228 | 27,509 | 30,732 | 30,732 | 33,051 | 35,166 | 27,105 | 27,105 (27,105)

HPMS Sections – AADT 2007

40,505 | 30,300 | 27,575 | 30,805 | 33,130 | 35,250 | 27,170

DOD Sections

DOD 185

Census Tracts

Functional Classification

PRINCIPAL ARTERIAL – (14)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

0.09 — 0.26 – (7101A-02-99, IMPRV., 2001) | 0.87 — 1.01 — (7101A-01-00, IMPRV., 2002)
0.22 — 7101A-02-97, SIDEWALK, PAV'T 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
OUTBOUND PROJECTS: F-090-1(8), 1963 | F-090-1(7), 1962 | F-4(7), 1952
INBOUND PROJECTS: 0.05 | FAP 4C 1938 | F-4(7) 1952

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.*

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

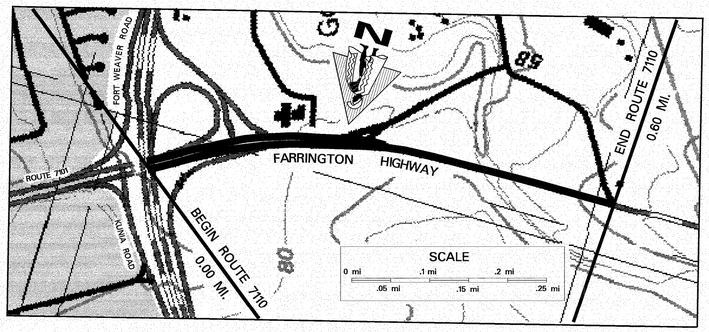
Total Route Length: 0.60 miles

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)

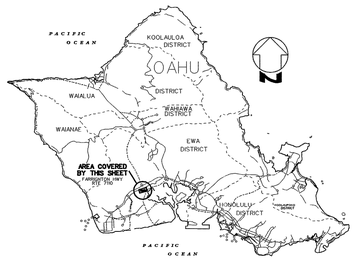
43+80.28 (0.00) STATE (0.37) 24+20.50

Project No., Type of Construction, and Year Constructed

7101A–01–04M, REHAB., 2006

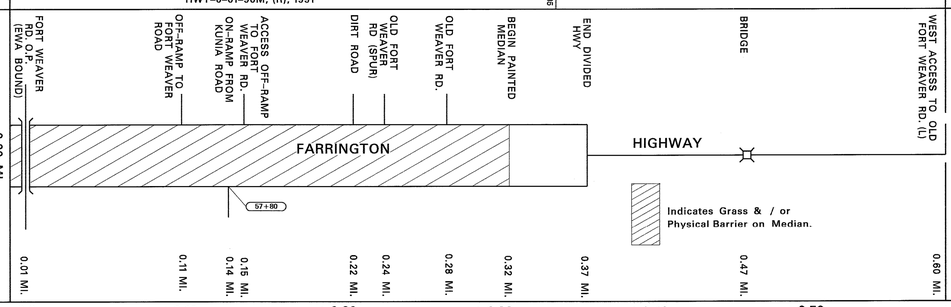
Project No., Type of Construction, and Year Constructed

HWY–0–01–90M, (R), 1991 (0.36)



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

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

Median Barriers:

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 (0.28) | 10′–12′ RAISED GRS MED. W/ CONC. CURB (0.32) | 0′–12′ PAINTED AC MEDIAN (0.37)

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) (0.20) | 12′ T.L. (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 (0.48) (0.55)

Illumination: Type, Location and Number

(0.03) 18 MV (0.35)

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:

LARGE URBANIZED (4) (HONOLULU – 52)

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

FLAT (0.37) ROLLING

Speed: 1–Design, 2–Posted

35 MPH (2) (0.20) 45 MPH (2) / 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

(0.11) TRAFFIC LIGHT (L) TURN ONLY

Traffic Stations (Current Year)

B72 7110 00000 | B72 7110 00015 | B72 7110 00023 | B72 7110 00037

HPMS Sections AADT 2009

12,300 | 14,895 | 8,758 | 8,768

HPMS Sections AADT 2008

16,730 (0.15) | 14,914 (0.23) | 8,769 (0.37) | 8,769

HPMS Sections AADT 2007

16,770 (0.11) | 14,950 (0.24) | 8,790 (0.60)

DOD Sections

Census Tracts

Functional Classification

MINOR ARTERIAL (16)

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.

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

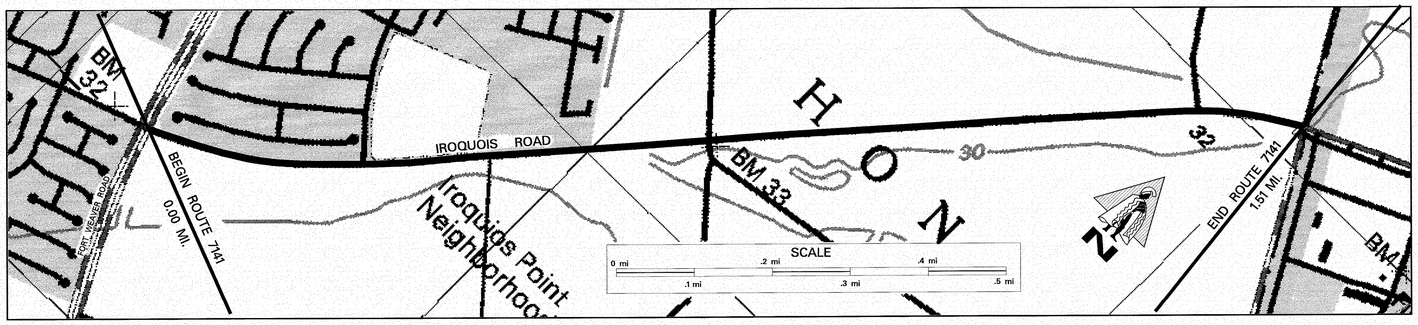
Total Route Length: 1.51 miles

a. **Survey Length:** 1.51 miles

b. **Proposed Length:** 0.00 miles

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

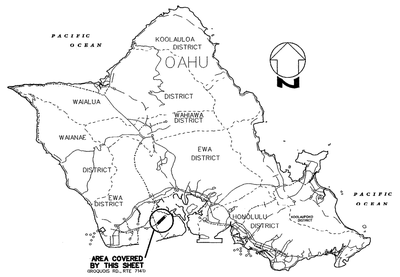
*



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	
	Vertical Clearance	
	Horizontal Clearance	
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		80'
Available Right of Way Width (Needs Study)		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

BEGIN ROUTE 7141 ON IROQUOIS ROAD AT THE EAST EDGE OF PAVEMENT OF FORT WEAVER ROAD (RTE 76) 0.00 MI.

KEAUNUI DR. 0.28 MI. | END DIVIDED 0.35 MI. | LOMBARD WAY (IROQUOIS GENTRY DEVELOPMENT) 0.47 MI. | PRIVATE ROAD 0.72 MI. | PLANTATION ROAD 1.34 MI. | WEST LOCH DR. 1.49 MI.

IROQUOIS ROAD

END ROUTE 7141 ON IROQUOIS ROAD AT THE MILITARY RESERVATION BOUNDARY WEST LOCH. 1.51 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'
	Pavement: Width and Type	26' AC
	Shoulder: Width and Type	0'
	Median: Width and Type	10' PAINTED AC
	Median Barriers:	
	Shoulder: Width and Type	0'
	Pavement: Width and Type	26' AC
	Shoulder: Width and Type	0'
Number of Traffic Lanes		4–13'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		12' T.l.n. 0.05
(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:		LARGE URBANIZED (4) (HONOLULU – 52)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		FLAT
Speed: 1–Design, 2–Posted		0.11 25 MPH (2) 35 MPH (2) 0.26 NOT POSTED 45 MPH (2) 45 MPH (2) 1.34 NOT POSTED 1.24 35 MPH (2) 1.40 25 MPH (2)
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 2009		10,800 6,400 4,130
HPMS Sections – AADT 2008		12,495 4,030 0.47 4,134
HPMS Sections – AADT 2007		12,525 0.35 4,040 0.74 4,145 1.51
DOD Sections		DOD 405
Census Tracts		CT 84
Functional Classification		COLLECTOR (17)
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.

ROAD INVENTORY

OAHU RTE 7239
ULUNE STREET, HALAWA VALLEY ROAD

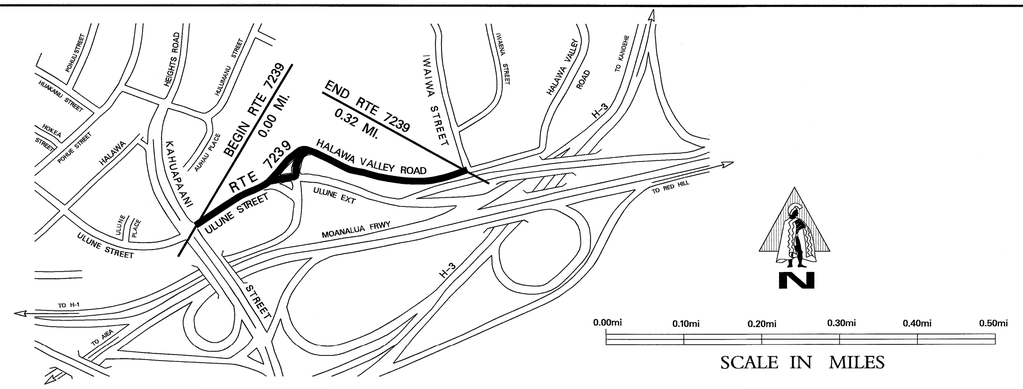
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 _____



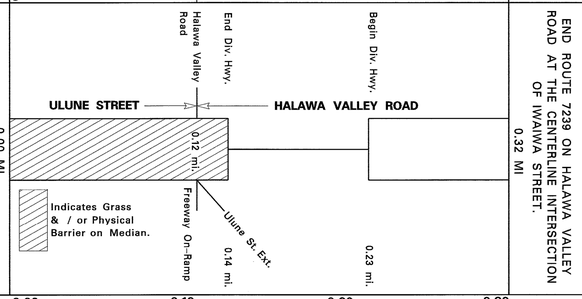
SCALE: (In Miles) 20" = 1 mile

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 41+80
	Project No., Type of Construction, and Year Constructed	0.00 HWY-O-06-03M, REHAB., 2006 0.12

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
Divided Highway	Median: Width and Type	4' Raised AC w/ Conc. Curb 0.12 (13' Raised Conc.) 0.14 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 0.26 26' AC *
	Shoulder: Width and Type	2' AC 0 0
	Number of Traffic Lanes	2–13' 1–16' 1–13.5' 1–12' 2–14'
	Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' (L) TL 0.12 12.5' (L) TL 14' (L) TL 0.23 0.26 12' (L) TL
	(Right Side)	11' (R) TL 0.07
	Frontage Road: No. of Lanes, and Width (Right and Left)	0.17 0.18
	Sidewalk: Width and Type (Right and Left)	6' Conc. S.W. None 6' Conc. S.W.
	Curb and/or Gutter: Type (Right and Left)	1' Conc. Gutter 0.04 0.05 0.24
	Protective Devices: Type, Location and Number	M/M Conc. Retaining Wall 0.24 M/M
	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:	Large Urbanized (4) (Honolulu – 52) (Commercial (L), Freeway (R))
	Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling 0.29
	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 2009	21,600 16,305 14,300
	HPMS Sections – AADT 2008	35,570 16,326 0.23 16,326
	HPMS Sections – AADT 2007	35,655 0.12 16,365 0.32
	DOD Sections	
	Census Tracts	
	Functional Classification	Collector (17)
	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.

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

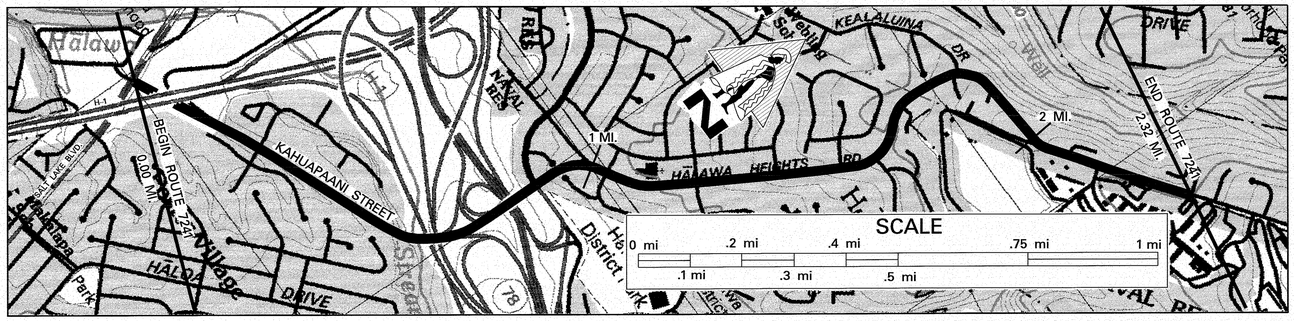
Total Route Length: 2.32 miles

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 | CONC. GIRDER, 430', 1975, HS–20 | CONC. GIRDER, 244', 1971, HS 20–44 | RC DECK GIRDER 38' 1952, HS 20–S16

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'+ | 60'–100'

Available Right of Way Width (Needs Study)

CLEAR 1000', GRASS & BUSH 20' FROM PAVEMENT | RESIDENTIAL AREA

Right of Way Fence: Type – Right and Left

(CHAINLINK 20' FROM E.P.) | (STONEWALL 20' F.P.) | 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 STATE 192+88

Project No., Type of Construction, and Year Constructed

HWY–O–06M, REHAB., 2006

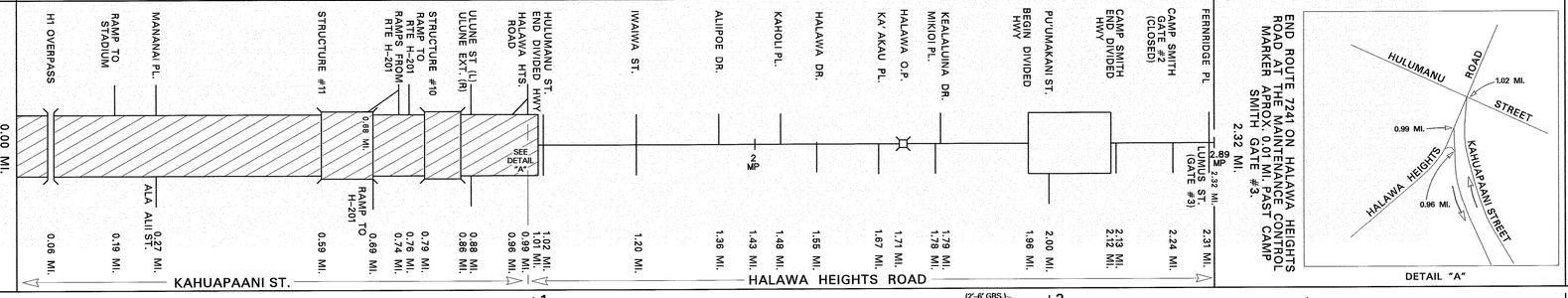
Project No., Type of Construction, and Year Constructed

STP–7241(1), RESURFACE, 1995 | (I–H1–1(87):13, 1972) | 7241A–01–88M, (R), 1988

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' AC | 6' AC | 8' AC | NONE | 2'–6' AC | 4' AC | 0' | 3' AC

Pavement: Width and Type

24' AC | 36' AC | 48' AC | 36' AC | 36' CONC. | 36' AC | 24' AC | 12' AC | 36' AC | 24' AC | 1' AC | 22' AC | 24' AC

Shoulder: Width and Type

NONE | NONE | 2'–6' AC | 12' GRASS | NONE | 3' AC

Median: Width and Type

23' CONC. RAISED | 23' RAISED DIRT | 5' RAISED CONC. | 14' RAISED DIRT | 0'–20' RAISED CONCRETE | 4' RAISED GRASS

Median Barriers:

NONE | NONE

Shoulder: Width and Type

Pavement: Width and Type

24' AC | 36' CONC. | 24' AC | (12 AC) | 22' AC | 11' AC

Shoulder: Width and Type

10' AC | 6' CONC. | 10' AC | NONE | 2'–6' GRS. | 0'

Number of Traffic Lanes

2–12' | 3–12' | 4–12' | 3–12' | 2–12' | 1–12' | 2–18' | 2–12' | 1–11' | 2–11' | 2–11' | 1–11'

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)

6' SIDEWALK | 4' CONC. SIDEWALK | 2'–4' A.C. S.W. | CONC. CURB

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

CONCRETE CURB & 2' CONCRETE GUTTER | (4' CONC. GUTTER) | CONC. CURB

Protective Devices: Type, Location and Number

A = METAL ON METAL
B = WOOD ON CONC.

Illumination: Type, Location and Number

HPS | MV

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:

LARGE URBANIZED (14) (HONOLULU – 52)

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

FLAT | MOUNTAINOUS

Speed: 1–Design, 2–Posted

35 MPH (2) | 25 MPH (2) | 30 MPH (2) | 30 MPH (2) | 25 MPH (2) | NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing

3 PHASE TRAFFIC SIGNALS | T.L. | T.L.

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 2009

18,200 | 22,845 | 22,500 | 18,721 | 29,890 | 8,900 | 7,347 | 6,038 | 1,600

HPMS Sections – AADT 2008

22,875 | 22,875 | 26,098 | 18,745 | 29,929 | 11,692 | 7,357 | 6,046 | 1,312

HPMS Sections – AADT 2007

22,930 | 26,160 | 18,790 | 30,000 | 11,720 | 10,100 | 7,375 | 6,060 | 1,315

DOD Sections

DOD 455 | DOD 460

Census Tracts

Functional Classification

MINOR ARTERIAL (16) | COLLECTOR (17)

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
(I–H1–1(90):13, 1972)
I–H1–1(87):13, 1972
710B–01–75M, (R), 1975
DANR(1), 1942

Date Released
MAY 05, D.B.

Revised	
5/06	G.N.
3/07	D.B.
9/10	D.B.

ROAD INVENTORY

OAHU RTE 7310
PUULOA

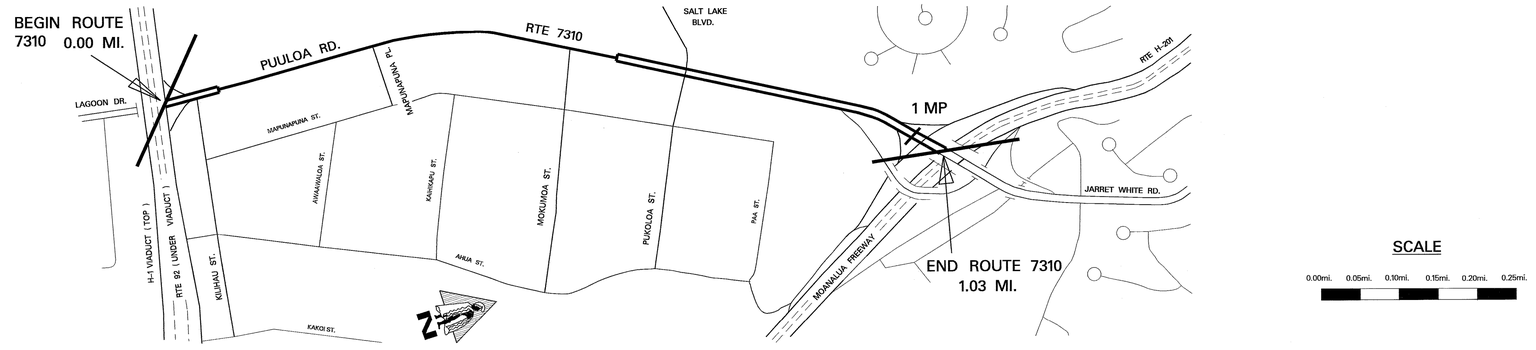
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

*



SCALE
0.00mi. 0.05mi. 0.10mi. 0.15mi. 0.20mi. 0.25mi.

SCALE: (In Miles) 1" = 0.1 mile

Maintenance Control Sections : Length and Description

BEG. 7310A SAME AS BEG. ROUTE 7310A | 7310A (1.37 MI.) | END 7310A ON JARRETT WHITE RD. 585' NORTH OF ℄ WITH MAHIOLE ST.

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

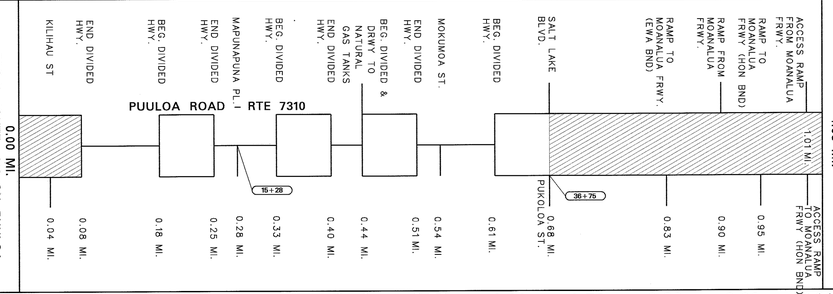
Structure Over Road
- Vertical Clearance
- Horizontal Clearance

- **Right of Way Width (min.–max.) if varies**: 100' (0.00–0.17) | 120' (0.17–1.03)
- **Available Right of Way Width (Needs Study)**: INDUSTRIAL AREA (0.17–0.68) | RESIDENTIAL AREA (0.68–1.01)
- **Right of Way Fence: Type – Right and Left** (CL=CHAIN LINK FP=FROM PAV'T): CL (0.07–0.10) | 15'-20' FP (0.10–0.21) | CL (0.21–0.23) | CL (0.28–0.38) 15'-20' FP | CL 15'-20' FP (0.96–1.01)
- **Control of Access: 1–None, 2–Partial, 3–Full**: NONE
- **Jurisdiction, Transfer Phase No. and Date (C to S or S to C)**: STATE
- **Project No. and Type of Construction**: 0+30 (0.00) STP-7310-(1), IMPR., 2009 38+40 (0.72)
- **Year Project Constructed**: DANR 10-A(1), 1944 (0.00–0.02) | SN FAP 9 D(4) 1945 (0.02–0.11) | 6600A-01-84M Resurface 1984 (0.11–0.69) | 7310A-01-88M 1988 (R) (0.69–1.03)

Indicates Grass & / or Physical Barrier on Median.

* MP=Milepost Signage

Road Diagram



SCALE: (In Miles) 1" = 0.1 mile

Divided Highway

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

- Median: Width and Type (RSD)=RAISED: 10' (RSD) CONC | 10' (RSD) SHRUBS GRASS | 12' PAINT | 6' PAINT | 3' CONC (RSD) | 3'-10' AC (RSD) | 10' GRS (RSD) | 15' AC (RSD) | 15' GRS (RSD) | 15' AC (RSD) | 3' CONC (RSD)
- 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)**: 5' CONC SW | 8' CONC SW | 4' CONC SW
- **Curb and/or Gutter: Type (Right and Left)**: CONC. CURB & 2' GUTTER | CONC. CURB | CURB & 2' GUTTER
- **Protective Devices: Type, Location and Number**: 4' CHAINLINK FENCE | 4' CL FENCE (WALL W/ RAILINGS) | M/M GUARD RAILS
- **Illumination: Type, Location and Number**: 50 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:**: LARGE URBANIZED (4) (HONOLULU - 52)
- **Terrain: 1–Flat, 2–Rolling, 3–Mountainous**: ① FLAT | (3) MOUNTAINOUS | (1) FLAT
- **Speed: 1–Design, 2–Posted**: 35 MPH ② | NOT POSTED 35 MPH (2) 25 MPH (2)
- **Intersection Control Devices: Type, Location and Cycle Timing**: 4 PHASE TRAFFIC LIGHT | TRAFFIC LIGHT
- **Traffic Stations (Current Year)**: B72 7310 00000 | B72 7310 00097 | B72 7310 00010 | B72 7310 00061 | B72 7310 00068 | B72 7310 00083 | B72 7310 00089 | B72 7310 00095
- **HPMS Sections – AADT 2009**: 15,600 | (19,324) | 19,324 | 13,300 | 38,239 | 38,239 | 34,400 | 38,239 | 38,239
- **HPMS Sections – AADT 2008**: 27,913 | (19,349) | 19,349 | 23,678 | 38,289 | 38,289 | 38,289 | 38,289 | 38,289
- **HPMS Sections – AADT 2007**: 27,980 | 19,395 | 23,735 | 38,380
- **DOD Sections**: DOD 465 | DOD 470
- **Census Tracts**: PRINCIPAL ARTERIAL (14)
- **Functional Classification**: NOT ON NHS (0)
- **National Highway System (NHS)**
- **Previous Projects: Project No., Date and Limits**: 66A-01-67 1967 | S-219(1) 1948 | DANR 10-A(1) 1944 | SN FAP 9-D(4) 1945 (STA 8+18) | S-19(1) 1947 (STA 8+18) | F-078-1(10) 1975

SCALE: (In Miles) 1" = 0.1 mile

Date Released
August 1998
Revised
J.K. 6/99
D.B. 1/00
J.K. 10/01
D.B. 8/04
G.N. 5/06
D.B. 12/07
D.B. 8/10

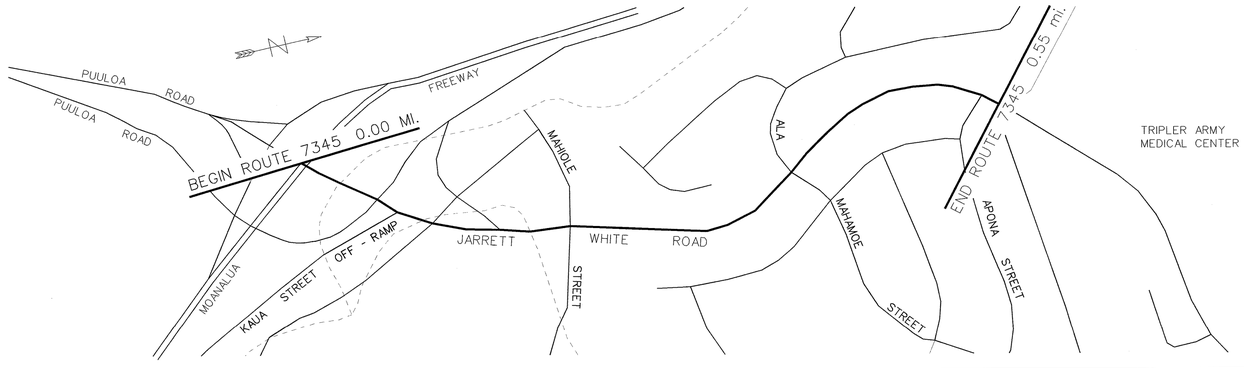
ROAD INVENTORY
OAHU ROUTE 7345
JARRETT WHITE ROAD

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

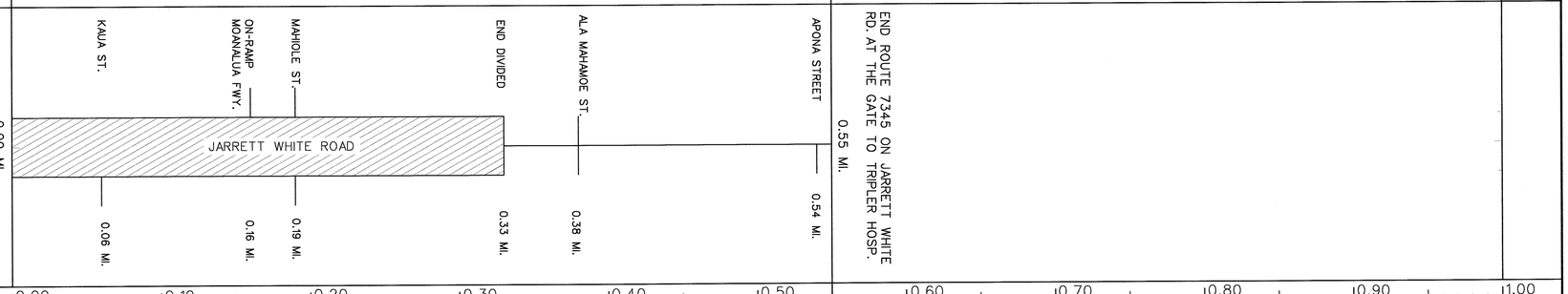
Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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 | 0.38 | 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
- 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: LARGE URBANIZED (4) (HONOLULU - 52)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous: MOUNTAINOUS (3)
Speed: 1-Design, 2-Posted
Intersection Control Devices: Type, Location and Cycle Timing: 2 PHASE | 0.54
Traffic Stations (Current Year): B72 7345 00000 | B72 7345 00033 | B72 7345 00042
HPMS Sections - AADT 2009: 20,900 | 19,200 | 13,500
HPMS Sections - AADT 2008: 25,494 | 0.39 | 16,122 | 0.42 | 16,122
HPMS Sections - AADT 2007: 25,555 | 0.19 | 19,295 | 0.38 | 16,160 | 0.55
DOD Sections
Census Tracts
Functional Classification: COLLECTOR (17)
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 1994	
Revised	
Sept 94	PJ
5/06	C.N.
9/10	D.B.

ROAD INVENTORY

OAHU RTE 7350
BOUGAINVILLE DRIVE

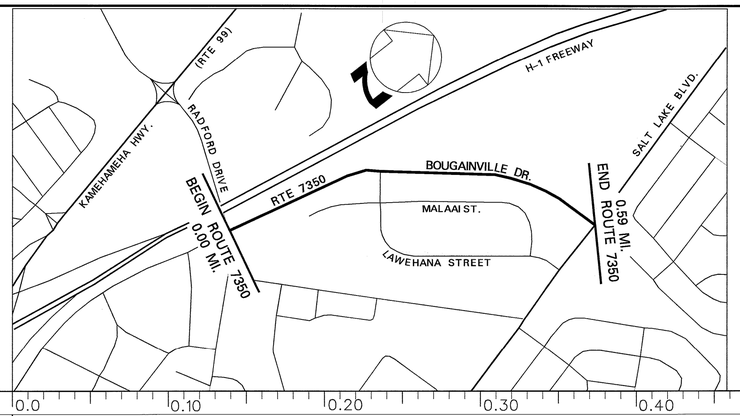
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

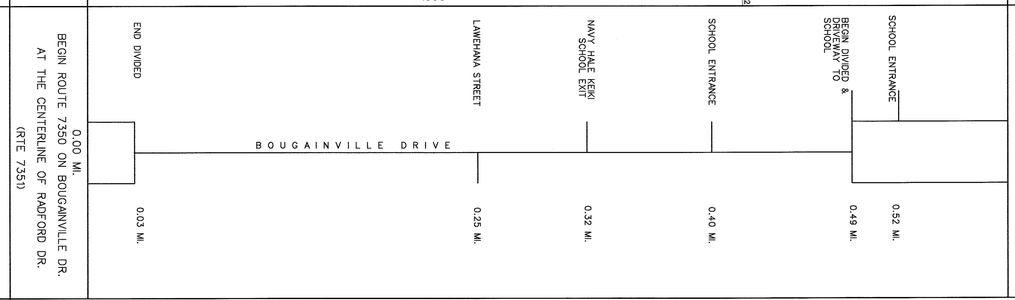
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

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): 2' CONCRETE GUTTER | 2' CONCRETE GUTTER

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: LARGE URBANIZED (4) (HONOLULU - 52)

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

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 2009: 13,600

HPMS Sections - AADT 2008: 14,815

HPMS Sections - AADT 2007: 14,850

DOD Sections

Census Tracts

Functional Classification: COLLECTOR (17)

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	
p.t.	aug 95
G.N.	5/06
D.B.	9/10

ROAD INVENTORY

OAHU RTE 7351
RADFORD DRIVE

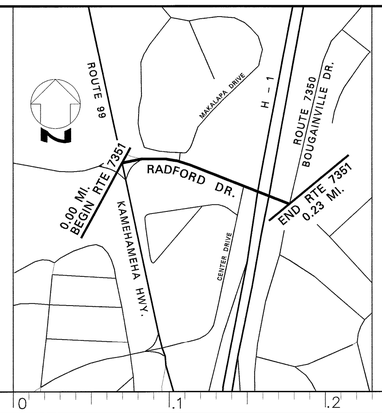
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

BEGIN ROUTE 7351 0.00 MI ON RADFORD DRIVE ON THE EAST EDGE OF PAVEMENT OF KAMEHAMEHA HIGHWAY (ROUTE 99).

MAKALAPA DRIVE
END DIVIDED HWY.
BEG. PEARL HARBOR INTERCHANGE STRUCTURE *1
CENTER DRIVE
END STRUCTURE *1
RADFORD DRIVE
0.02 MI. 0.04 MI. 0.06 MI. 0.15 MI. 0.16 MI. 0.21 MI.

END ROUTE 7351 0.23 MI AT THE CENTERLINE OF BOUGAINVILLE DRIVE (ROUTE 7350).

SCALE: (In Miles) 2" = 0.1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 24' AC | 48' AC | 24' AC
- Shoulder: Width and Type: 0'
- Median: Width and Type: (12' RAISED DIRT) | 0.02 | 0.04 | (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. | 0.04 | 0.20

(Right Side): 0.12 | 12' AC | 12' AC T.L.

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: 0.06 M/M GUARDRAILS | 0.16 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: LARGE URBANIZED (4) (HONOLULU - 52)

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

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 2009: 15,498 | 20,200

HPMS Sections - AADT 2008: 15,518 | 0.04 | 15,518 | 22,766

HPMS Sections - AADT 2007: 15,553 | 0.20 | 22,830 | 0.23

DOD Sections

Census Tracts

Functional Classification: COLLECTOR (17)

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.

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

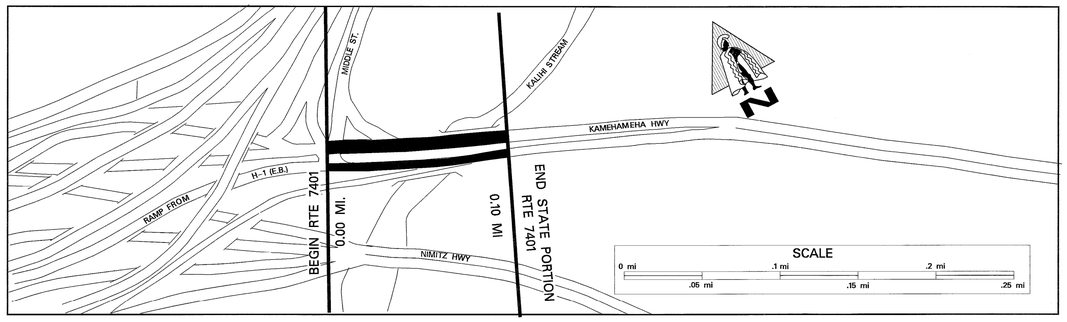
Total Route Length: 0.10 miles

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	
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	
	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

0.00 MI. BEGIN ROUTE 7401 ON KAM HWY AT THE CENTERLINE INTERSECTION WITH MIDDLE ST.

Begin Kalihi Stream Bridge

End Kalihi Stream & On-Ramp from Nimitz Hwy

KAM HWY

0.04 mi.

0.07 mi.

0.10 MI. END STATE PORTION OF ROUTE 7401 ON KAM HWY 100' KOKOHEAD OF SOUTHEAST END OF KALIHI STREAM BRIDGE.

	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
Divided Highway – Undivided	Pavement: Width and Type	48' AC
Divided Highway – Undivided	Shoulder: Width and Type	1' AC
Divided Highway	Median: Width and Type	5'–12' Raised Conc.
Divided Highway	Shoulder: Width and Type	1' AC
Divided Highway	Pavement: Width and Type	24' AC
Divided Highway	Shoulder: Width and Type	2' AC
	Number of Traffic Lanes	4–12' / 2–12'
	Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1–12' (B) 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:	(Large Urbanized (4) (Honolulu – 52))
	Terrain: 1–Flat, 2–Rolling, 3–Mountainous	1 Flat
	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 2009	0.00 – 35,330 – 0.10
	HPMS Sections – AADT 2008	35,376
	HPMS Sections – AADT 2007	35,460
	DOD Sections	
	Census Tracts	
	Functional Classification	Minor Arterial (16)
	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. 03, D.B.

Revised	
May 04	D.B.
6/06	D.B.
9/10	D.B.

ROAD INVENTORY
OAHU RTE 7413
LILIHA STREET

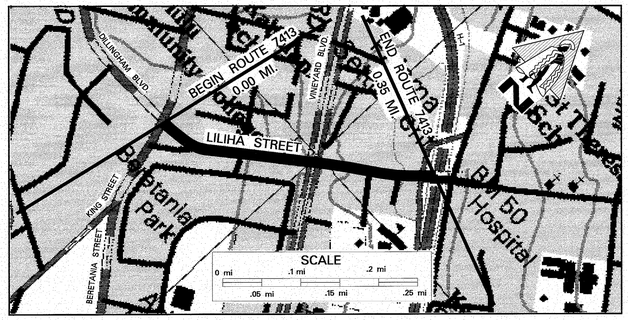
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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**

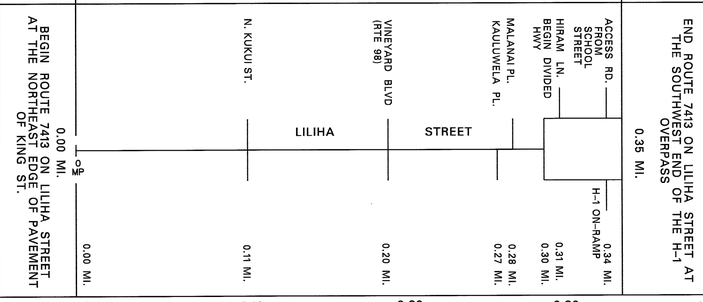
Structure Over Road

- **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:** TILE WALL 16" FROM EDGE OF PAVEMENT (0.00 – 0.08)
- **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–7413(1), 1995, RESURFACING
- **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:** 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:** LARGE URBANIZED (4) (HONOLULU – 52)
- **Terrain: 1–Flat, 2–Rolling, 3–Mountainous:** FLAT
- **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 2009:** 20,400 | 24,968
- **HPMS Sections – AADT 2008:** 24,990 | 24,990
- **HPMS Sections – AADT 2007:** 25,050
- **DOD Sections:** DOD 485 | DOD 490
- **Census Tracts:** CT 54 | CT 53 | CT 55
- **Functional Classification:** MINOR ARTERIAL (16)
- **National Highway System (NHS):** NOT ON NHS (0)
- **Previous Projects: Project No., Date and Limits:** 97008-01-83M, 1983, (R) | U-097-1(2), 1967 | F-090-1(2), 1983
- **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.*

ROAD INVENTORY

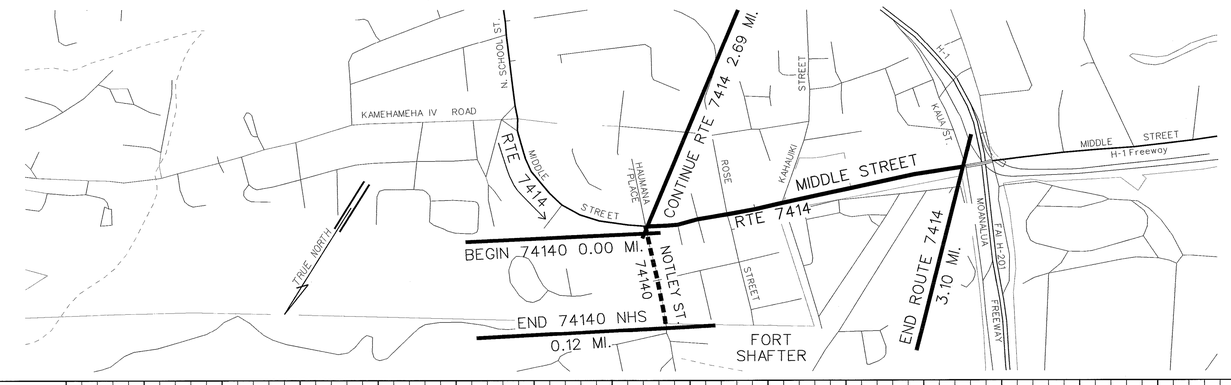
OAHU ROUTE 7414 & 74140 (County)
MIDDLE STREET & NOTLEY STREET

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 _____



Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 20" = 1 mile

2.60 | 2.70 | 2.80 | 2.90 | 3.00 | 3.10 | 0.00 | 0.10

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): COUNTY | COUNTY

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

HAUMANA PLACE | NO NAME STREET | ROSE STREET | KAHAUKI STREET

RTE 7414 | RTE 74140

MIDDLE STREET | NOTLEY STREET

2.69 MI. | 2.75 MI. | 2.80 MI. | 2.87 MI.

BEGIN NHS SECTION ON MIDDLE STREET AT THE CENTERLINE INTERSECTION WITH NOTLEY STREET / HAUMANA PLACE. 2.69 MI.

END ROUTE 7414 AND END NHS SECTION ON MIDDLE STREET 65' FROM THE NORTHEAST EDGE OF PAVT OF KAUA STREET. 3.10 MI.

BEGIN NHS SECTION ON NOTLEY STREET AT THE INTERSECTION WITH MIDDLE STREET / HAUMANA PLACE. 0.00 MI.

END NHS SECTION ON NOTLEY STREET AT FORT SHAFTER PATCH GATE 0.12 MI.

SCALE: (In Miles) 20" = 1 mile

2.60 | 2.70 | 2.80 | 2.90 | 3.00 | 3.10 | 0.00 | 0.10

Divided Highway — Undivided
- Shoulder: Width and Type: 0 | 0
- Pavement: Width and Type: 40' AC | 23' AC
- Shoulder: Width and Type: 0 | 6' Grv./Grs.
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 4 – 10' | 2 – 11.5'

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

(Right Side): 4' AC SW

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

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

Curb and/or Gutter: Type (Right and Left): CONC CURB (L) & (R) | CONC CURB (L) & (R)

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: LARGE URBANIZED (4) (HONOLULU – 52) | (LARGE URBANIZED (4) (HONOLULU – 52))

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

Speed: 1–Design, 2–Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B72 7414 00269 | B72 74140 00000

HPMS Sections – AADT 2009: 17,485 | 105

HPMS Sections – AADT 2008: 17,508 | 105

HPMS Sections – AADT 2007: 17,550 | 105

DOD Sections

Census Tracts

Functional Classification: MINOR ARTERIAL (16) | LOCAL (19)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 20" = 1 mile

2.60 | 2.70 | 2.80 | 2.90 | 3.00 | 3.10 | 0.00 | 0.10

Date Released	
Aug 2002, DB	
Revised	
Sept 02	*DB*
6/06	*DB*
9/10	*DB*

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

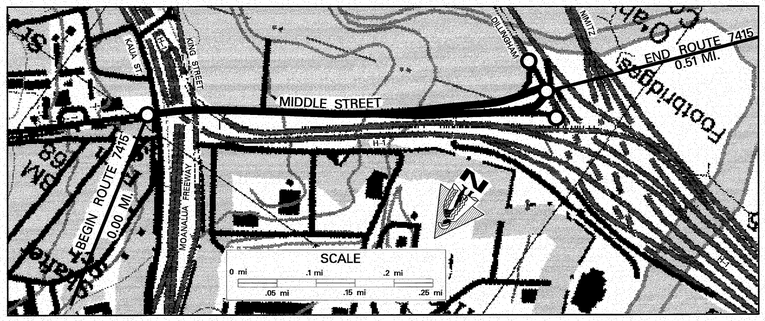
Total Route Length: 0.51 miles

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: 0.06 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

Project No., Type of Construction, and Year Constructed: (I-H1-1(131):17, 1982) 0.10 0.11 H1H–01–97M, (R), 1998

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

0.00 MI. BEGIN ROUTE 7415 ON MIDDLE STREET 65′ FROM N.E. EDGE OF PAVEMENT OF KAUA STREET

H-1 O.P. KAUA ST. 0.01 MI. | N. KING ST. 0.02 MI. | BEGIN DIVIDED HWY 0.06 MI. | DRIVEWAY 0.09 MI. | DRIVEWAY 0.14 MI. | DRIVEWAY 0.27 MI. | DRIVEWAY 0.31 MI. | ROAD TO C&C REFUSE 0.38 MI. | H-1/NIMITZ SPUR 0.42 MI. | SPUR 0.44 MI. | 0.48 MI.

MIDDLE STREET

END ROUTE 7415 ON MIDDLE STREET AT THE NORTHEAST EDGE OF PAVEMENT OF KAM HWY (RTE 7401) 0.51 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: 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 (0.09–0.42) | 10′–60′ RAISED GRASS

Median Barriers:

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): 1-10′ ACCELL (0.27–0.28) | 1-12′ TL (0.11–0.27) | 1-12′ TL (0.38–0.47)

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 2′ CONC. 0.02–0.06 | 10′ AC BIKEWAY/WALKWAY 0.17–0.44 | 10′ CONC. SIDEWALK

Curb and/or Gutter: Type (Right and Left): 2′ CONC. (2′ CONC. C & G) 0.06–0.26 | 4′ CONC. GUTTER 0.26–0.40 | 2′ CONC. GUTTER 0.40–0.51 | 2′ CONC. CURB & GUTTER

Protective Devices: Type, Location and Number ALL GUARDRAILS METAL ON METAL: 0.02–0.05 | G.R. BARRIER ON MEDIAN 0.42–0.51

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:: LARGE URBANIZED (4) (HONOLULU – 52)

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

Speed: 1–Design, 2–Posted: 30 MPH (2) 0.26–0.46 | 35 MPH (2) 0.46–0.51 | NOT POSTED 0.26–0.51

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 2009: 11,800 | 14,696 | 14,696

HPMS Sections – AADT 2008: 14,715 | 14,715 | 14,715

HPMS Sections – AADT 2007: 14,750

DOD Sections

Census Tracts: 62.01 0.06 66 60

Functional Classification: MINOR ARTERIAL (6)

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-(R-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

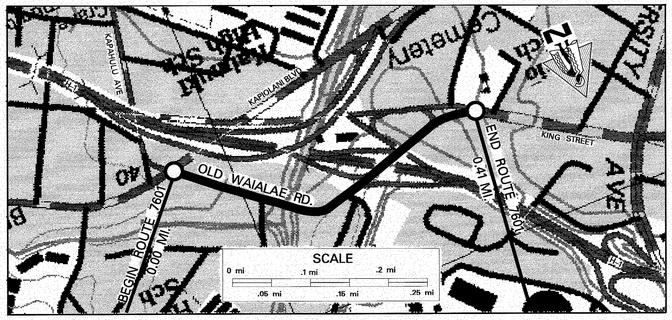
ROAD INVENTORY
OAHU RTE 7601
OLD WAIALAE ROAD, KING STREET

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

*



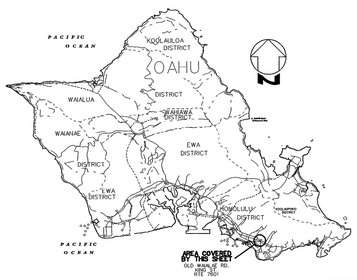
SCALE: (In Miles) 20″ = 1 mile

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

BEGIN ROUTE 7601 ON OLD WAIALAE ROAD, AT THE NORTHWESTY EDGE OF PAVEMENT OF KAPIOLANI BLVD. 0.00 MI.

KOALI ROAD | PALOLO–MANOA STREAM BRIDGE | U. OF H.–MAKAI (CAMPUS RD.) (KALELE RD.) | OFF–RAMP TO H–1 WEST | H–1 SEPERATION UNDERPASS | BEGIN DIVIDED OVERPASS (KING ST. OFF–RAMP) | ACCESS TO KING ST. | KEHENA PL.

OLD WAIALAE ROAD
ONE WAY →
KING ST.
TWO WAY

0.11 MI. | 0.13 MI. | 0.22 MI. | 0.26 MI. | 0.27 MI. | 0.30 MI. | 0.31 MI. | 0.35 MI. | 0.37 MI. | 0.38 MI. | 0.39 MI.

END ROUTE 7601 ON KING STREET AT END OF DIVIDED SECTION (@CONC. NOSE) 0.41 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	0 | 6′ AC PAINTED | 0
	Pavement: Width and Type	36′ AC | 12′ AC | 12′ AC | 24′ AC
	Shoulder: Width and Type	0 | 0
Divided Highway	Median: Width and Type	2′–10′ AC ROLL (FLUSH) | 2′ AC (PAINT) | 2′–8′ CONC. (RAISED)
	Median Barriers:	
	Shoulder: Width and Type	0
	Pavement: Width and Type	24′ AC/PCC | 24′ AC
	Shoulder: Width and Type	0
Number of Traffic Lanes		3–12′ | 1–12′ | 1–12′ T.L. | 1–12′ | 2–12′
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		(20′ AC BUS LANE)
(Right Side)		
Frontage Road: No. and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		6″ CONC. S.W. (L)(R) | 6′ AC S.W. (L)(R) | 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		(CONC. BARRIER) (M/M GUARDRAIL) | (CONC. HEADWALLS) | M/M GUARDRAIL | (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:		LARGE URBANIZED (4) (HONOLULU – 52)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		FLAT
Speed: 1–Design, 2–Posted		25 MPH (2) | SCHOOL ZONE 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		TRAFFIC LIGHT
Traffic Stations (Current Year)		B72 7601 00000 | B72 7601 00025 | B72 7601 00031 | B72 7601 00038
HPMS Sections – AADT 2009		22,700 | 21,200 | 23,752 | 44,481
HPMS Sections – AADT 2008		21,968 | 23,783 | 23,783 | 44,539
HPMS Sections – AADT 2007		22,020 | 23,840 | (44,645)
DOD Sections		
Census Tracts		
Functional Classification		PRINCIPAL ARTERIAL (14)
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.

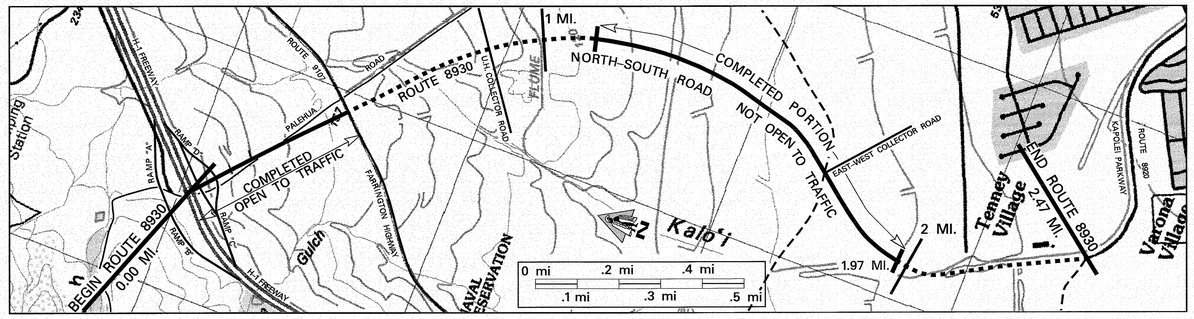
ROAD INVENTORY
OAHU RTE 8930
NORTH–SOUTH ROAD

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: 2.47 miles
a. Survey Length: 0.43 miles
b. Proposed Length: 2.04 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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance: 165'

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

Available Right of Way Width (Needs Study)

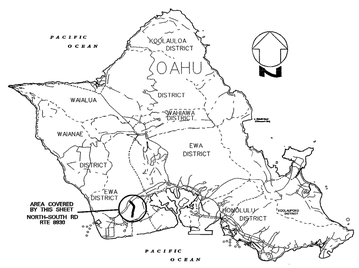
Right of Way Fence: Type – Right and Left

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., Type of Construction, and Year Constructed: STP–8930(4) PHASE 1–C ROADWAY CONSTRUCTION, 2009 (0.42); STP–8930(2) PHASE 1–B, UNDER CONSTRUCTION (1.19 – 26+50); STP–8930(1), PHASE 1A, NEW ROADWAY, 2007 (71+00 – 1.97)

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 8930 ON NORTH-SOUTH ROAD AT THE CENTERLINE H-1 FREEWAY. (STATION 130+55)

NORTH BRIDGE O.P. | SOUTH BRIDGE O.P. | RAMP SPURS RAMP "C" (L) RAMP "D" (R) | FARM ACCESS ROAD | FARRINGTON HIGHWAY | U.H. COLLECTOR ROAD | EAST–WEST COLLECTOR ROAD | END ROUTE 8930 AT CENTERLINE INTERSECTION OF NORTH – SOUTH ROAD AND KAPOLEI PARKWAY. (STATION 0+00) 2.47 MI.

(PROPOSED) NORTH – SOUTH ROAD (39+17) ROUTE 8930 (PROPOSED)

COMPLETED – NOT OPEN TO TRAFFIC

0.01 MI. | 0.06 MI. | 0.09 MI. | 0.24 MI. | 0.43 MI. | 0.80 MI. | 1.13 MI. | 1.73 MI. | 1.97 MI.

COMPLETED IN SERVICE : OCT. 5, 2009

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 14' PCC | 10' PCC
- Pavement: Width and Type: 24' PCC | 36' PCC | 24' PCC
- Shoulder: Width and Type: 0' | 2' PCC SHLDR. | 0' | 2' CONC. C & G

Divided Highway
- Median: Width and Type: 6" PCC (Raised) | 6'–24' RAISED GRASS | 6" PCC (Raised) | 2' CONC. C & G
- Median Barriers:
- Shoulder: Width and Type: 0' | 2' PCC SHLDR. | 12' PCC
- Pavement: Width and Type: 24' PCC | 36' PCC | 24' PCC
- Shoulder: Width and Type: 14' PCC | 10' 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

(Right Side): 11' TL | 1–12' TL | 1–14' TL

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: 22 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: LARGE URBANIZED (4) (HONOLULU – 52)

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

Speed: 1–Design, 2–Posted: 35 MPH

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

Traffic Station: B72 8930 00000

HPMS Section AADT 2009: 3,000

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (14)

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

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*

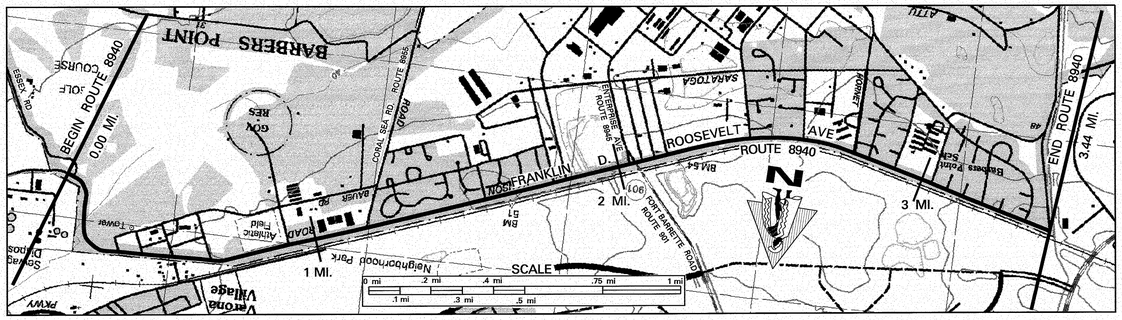
ROAD INVENTORY
OAHU RTE 8940
FRANKLIN D. ROOSEVELT AVENUE

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
*



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

(WOOD FENCE 30' FEP) 0.39 0.57 — CHAIN LINK FENCE 5' FEP — CHAIN LINK FENCE 50' FROM EDGE OF PAVEMENT — 1.18 1.57 1.78 (CHAIN LINK FENCE 30' FEP) — (CHAIN LINK FENCE 10' FEP) 2.44 2.53 — CHAIN LINK FENCE 10' FROM EDGE OF PAVEMENT — 2.98 3.03 (CHAIN LINK FENCE 50' FEP)

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

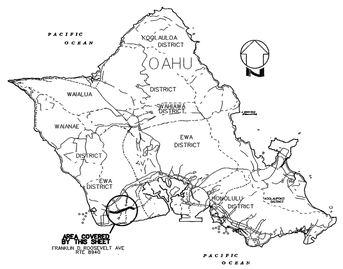
1–NONE 2.48

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 8940 ON FRANKLIN D. ROOSEVELT AVENUE AT GEIGER ROAD/FBPNAS GATE. 0.00 mi. 0.01 MI.

ESSEX ROAD END DIVIDED 0.03 MI. — TICONDEROGA RD. 0.44 MI. — PHILIPPINE SEA 0.53 MI. — PHILIPPINE SEA 0.55 MI. — KASAAN BAY RD. 0.66 MI. — CORREGIDOR RD. 0.91 MI. — SPUR CROSS ROAD (ROUTE 8958) 1.18 MI. — SPUR CROSS ROAD (ROUTE 8958) 1.20 MI. — BOUGAINVILLE RD. 1.57 MI. — MIDWAY ROAD 1.79 MI. — NASSAU AVE 1.84 MI. — BATAAN AVE 1.86 MI. — RABAUL AVE 1.95 MI. — TINIAN AVE 2.03 MI. — BARKING SANDS RD. (ROUTE 8958) (R) 2.08 MI. — BARKING SANDS RD. (ROUTE 8958) (L) 2.12 MI. — LEXINGTON ST. 2.43 MI. — VALLEY FORGE AVE 2.52 MI. — FRANKLIN AVE 2.60 MI. — ENTRANCES TO PARKING LOT 2.63 MI. — FORRESTAL AVE 2.70 MI. — HORNET AVE 2.77 MI. — TULAGI ST. 2.82 MI. — COPAHEE AVE 2.91 MI. — KEARSARGE ST. 3.03 MI. — BOXER ROAD 3.21 MI. — ROAD W/ NO STOP SIGN 3.27 MI. — CORAL ROAD 3.36 MI. — END ROUTE 8940 ON FRANKLIN D. ROOSEVELT AVENUE AT WEST PERIMETER FENCE BDRY 3.43 MI. 3.44 mi.

FRANKLIN D. ROOSEVELT AVENUE

SCALE: (In Miles) 4" = 1 mile

Divided Highway

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

Median
- Median: Width and Type
- Median Barriers:

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

(0') — 15' CORAL 0.08 — 6' GRASS 0.30 — 15' CORAL 0.44 — 15' GRASS 0.88 — 15' CORAL 1.02 — 14' GRASS 1.57 — 15' GRASS 1.80 — 5' GRASS 1.86 — 0 2.12 — 2' GRASS 2.43 — 0 2.82 — 5' GRASS 2.91 — 15' GRASS 3.03 — 6' GRASS (3' GRS.)

(1–14') — 28' AC 1.14 — 20' AC 1.22 — 28' AC 1.75 — 24' AC (12' AC) 1.86 — 24' AC 2.06 — 30' AC 2.20 — 26' AC 2.40 — 28' AC 2.53 — 30' AC

(0) — 15' GRASS 0.71 — 15' CORAL 1.60 — 2' GRASS 1.78 — 4' GRASS 2.10 — 15' CORAL 2.40 — 5' GRASS

(12' GRASS) — (0'–12' PAINT)

(10' RAISED GRASS) 0.01 — 1.84 — 1.86

(0) — (1–14') — (12' AC) — (12' GRASS)

2–14' — (2–10') 1.14 — 1.22 — 2–14' — 1.78 — 2–12' 2.06 — 2–15' 2.20 — 2–13' 2.40 — 2.53 — 2–15'

10' T.L. — 12' T.L.

1.57 — (3' CONC) — 2.06 — 3' CONC — 3.36

CURB 0.21 — CURB 0.39 — 0.43 — 3' CONC — 2.01 — 2.12 (AC CURBS) — 2.46 — 2.52 — 2.56 — 2.63 — CURB 2.77

1.87 — M/M 2.03 — 2.07 — 2.08 (CURB) (CURB & GUTTER)

LARGE URBANIZED (4) (HONOLULU – 52)

1–FLAT

(25 MPH (2)) (NOT POSTED) 0.05 — 0.18 — 25 MPH (2) 0.47 — 35 MPH (2) — 35 MPH (2) 2.00 — (25 MPH (2)) 2.14 — 35 MPH (2) — 2.78 — (20 MPH (2)) — 3.03 — 15 MPH (2) — NOT POSTED — 15 MPH (2)

2.05 — 2.07 STOP SIGNS — 2.77 — 2.82

B72 8940 00000 — 997 — 998 — 1.18 — B72 8940 00118 — 997 — 998 — 2.08 — B72 8940 00206 — 997 — 998 — 3.34 — (B72 8940 00334) — 997 — 998

1,000

(MINOR ARTERIAL (16) – PROPOSED) — 2.08 — (MAJOR COLLECTOR (17) – PROPOSED) — 3.34 — (LOCAL ROAD (19) – PROPOSED)

NOT ON NHS (0)

SCALE: (In Miles) 4" = 1 mile

Date Released
Nov. 2006, D.B.
Revised
9/10 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

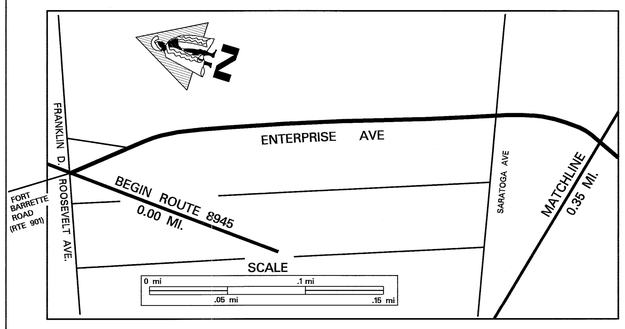
Total Route Length: 0.98 miles

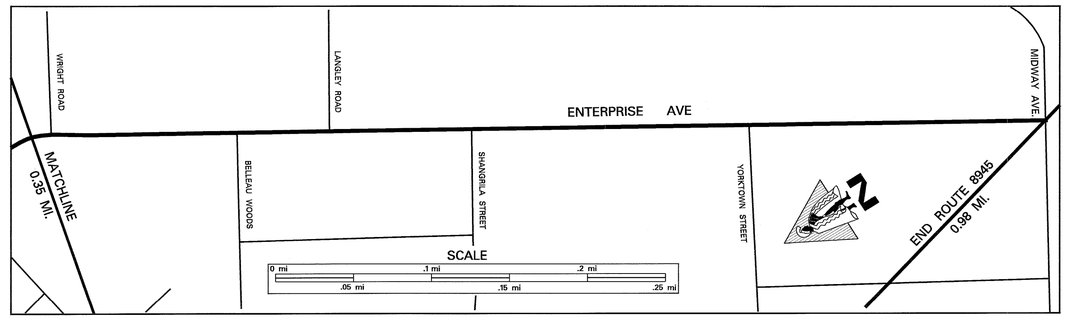
a. Survey Length: 0.98 miles

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 0.46 | 0.37 CHAIN LINK FENCE 30' FROM EDGE OF PAVEMENT 0.48 CHAIN LINK FENCE 30' FROM EDGE OF PAV. 0.69 | 0.87 (CHAIN LINK FENCE 6' FROM EDGE OF PAVEMENT) 0.94

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

1–NONE

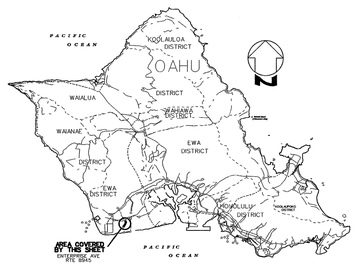
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

STATE

(CHAIN ON POSTS) 0.88 | 0.90 | 0.92 | 0.93

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 8945 ON ENTERPRISE AVE AT THE SOUTH EDGE OF PAVEMENT OF FRANKLIN D. ROOSEVELT AVE. 0.00 MI.

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.

END ROUTE 8945 ON ENTERPRISE AVE AT THE NORTH EDGE OF PAVEMENT OF MIDWAY AVENUE. 0.98 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

0 | 0.02 2' GRASS 0.17 | 6' GRASS 0.23 | 10' CORAL 0.25 | 0 | 0.35 10' CORAL 0.44 | 0 | 0.54 4' AC 0.59 | 10' AC 0.84 | 6' CORAL 0.89 | 0

Pavement: Width and Type

22' AC | 32' AC 0.27 | 35' AC | 25' AC | 45' AC 0.36 | 42' AC 0.79 | 40' AC

Shoulder: Width and Type

0 | 0 0.08 | 10' CORAL | 4' GRASS | 0 | 4' GRASS 0.47 | 0 0.82 | 6' GRASS 0.88 | 6' AC 0.72 | 0 0.81 | 10' GRASS 0.88 | 6" AC 0.90 | 0

Median: Width and Type

0'–10' RAISED GRASS 0.05 | 0.31 | 0'-6' PAINTED AC 0.39

Median Barriers:

Shoulder: Width and Type

0 | 0.32 0

Pavement: Width and Type

10' AC | 10' AC 20' AC

Shoulder: Width and Type

0 | 0.27 | 4' GRASS 0.35 | 0.79

Number of Traffic Lanes

1–10', 1–12' | 1–10', 1–15' | 1–10', 1–12' | 2–10'

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

1–10' | 0.32

(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 AC CURB 0.29 | 0.44 AC CURB 0.54 CURB | 0.72 6" CONC. 0.75 (AC CURB) 0.76 CONC. CURB 0.79 | 0.82 CURB | (CURB) 0.92

Protective Devices: Type, Location and Number

METAL ON METAL 0.17 | 0.47 | 0.71 AC CURB 0.72 | 0.81 | 0.91

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: LARGE URBANIZED (4) (HONOLULU – 52)

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

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 2009 1,494 | 1,992

HPMS Sections – AADT 2008 1,496 | 0.32 | 1,995

HPMS Sections – AADT 2007 1,500 | 2,000

DOD Sections

Census Tracts

Functional Classification (MAJOR COLLECTOR (17) – PROPOSED)

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.*

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

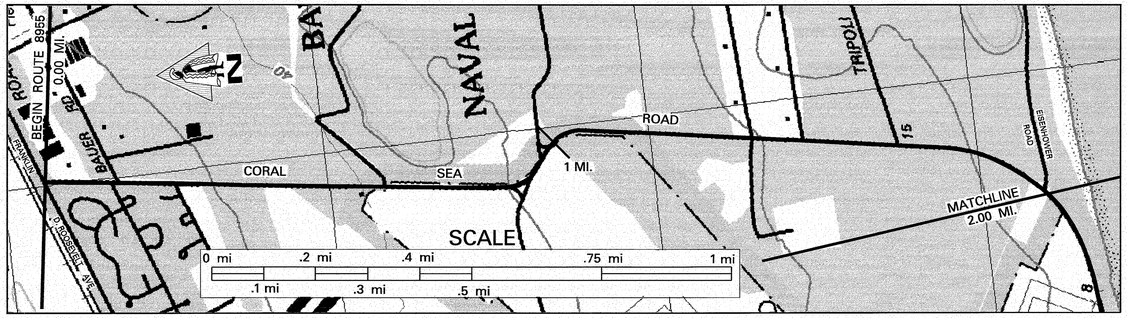
Total Route Length: 2.69 miles

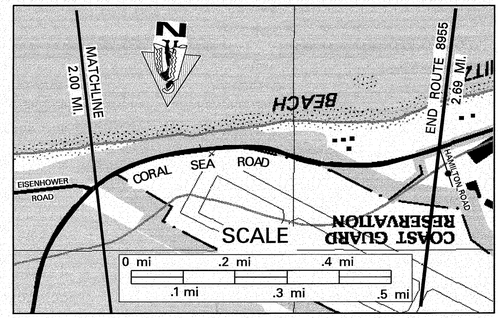
a. Survey Length: 2.69 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

0 1 2 3

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

0.24 (CHAIN LINK FENCE 6' FROM E.P.)
0.61 0.69 0.70 CHAIN LINK FENCE 20' FROM E.P. 1.15
(CHAIN LINK FENCE 30' FROM E.P.) 1.38 1.50
2.04 CHAIN LINK FENCE 10'–30' FROM E.P. 2.48
(CHAIN ON POSTS 6' FROM E.P.) 2.51 2.61 2.64 (CHAIN LINK FENCE 3' FROM E.P.)
(CHAIN ON POSTS 3' FROM E.P.)

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

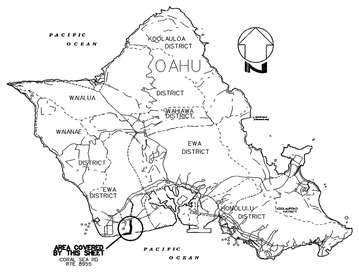
NONE

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

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 ON CORAL SEA ROAD 0.00 MI.
AT SOUTH EDGE OF PAVEMENT OF FRANKLIN D. ROOSEVELT AVENUE.

SPUR
BOUGAINVILLE AVE
INDEPENDENCE ROAD
SAN JUACINTO ROAD
TAKANIS BAY RD.
TRIPOLI ROAD
EISENHOWER RD.
PARK ENTRANCE
ROAD

CORAL SEA ROAD

0.02 mi. 0.12 mi. 0.24 mi. 0.97 mi. 1.16 mi. 1.68 mi. 1.99 mi. 2.44 mi. 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

0 1 2 3

Divided Highway – Undivided

Shoulder: Width and Type

10' CORAL 0.42

Pavement: Width and Type

28' AC 0.46

Shoulder: Width and Type

6' GRASS 0.27 6' CORAL 0.70 10' CORAL 1.15 6' CORAL 1.48 6' GRASS 2.19 10' GRASS 2.34 6' GRASS 2.48 10' CORAL 2.64 3' GRS.

6' CORAL 2.07 10' CORAL 2.37 6' CORAL 2.46 6' GRASS 2.61 3' GRASS

20' AC

6' CORAL

Divided Highway – Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2–14' 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:

LARGE URBANIZED (4) (HONOLULU – 52)

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

1–FLAT

Speed: 1–Design, 2–Posted

35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B72 8955 00000 0.46 B72 8955 00046

HPMS Sections – AADT 2009

997 997

HPMS Sections – AADT 2008

998 998

HPMS Sections – AADT 2007

1,000

DOD Sections

Census Tracts

Functional Classification

(MAJOR COLLECTOR (17) – PROPOSED)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

0 1 2 3

Date Released
Dec. 2006, D.B.

Revised	
9/10	D.B.