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

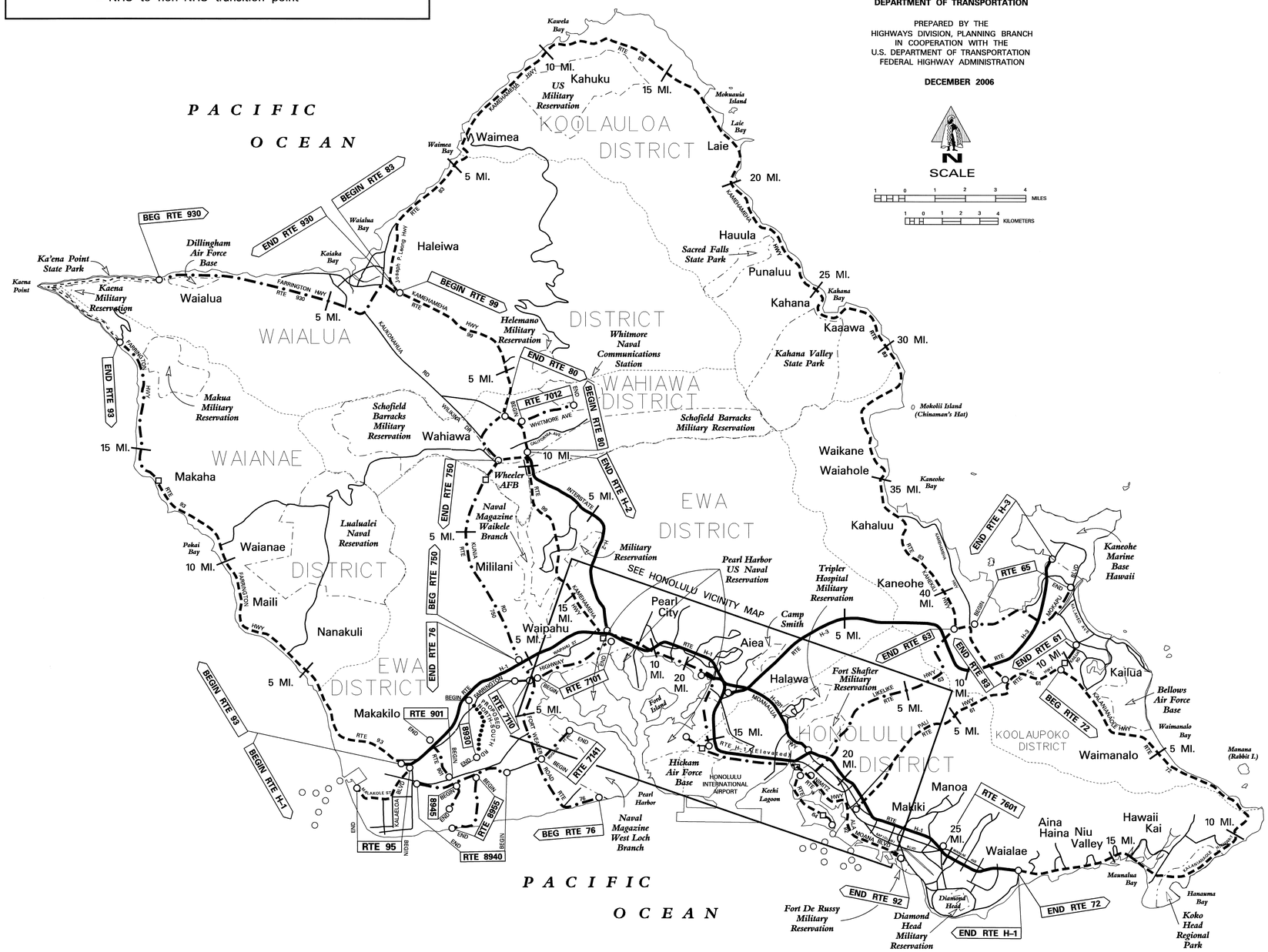
DECEMBER 2006

OAHU:

ROUTE	LENGTH (MILES)	
H–1	27.16	
H–2	8.33	
H–3	15.32	
H–201	4.09	
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 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.)
8940	3.44	(Franklin D. Roosevelt Ave.)
8945	0.98	(Enterprise Ave.)
8955	2.69	(Coral Sea Rd.)
SUBTOTAL	**192.16**	(State Routes only)
TOTAL	**247.06**	(State & Interstate)
7414	0.42	(Middle St. – NHS Section of County Route)
74140	0.12	(Notley – NHS Local Rd.)
SUBTOTAL	0.54	(County NHS)
8930	2.55	(North–South Road – Proposed Road)

LEGEND

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



Date Released
Dec 2002 JK
Revised
Apr. 04 D.B.
March 07 D.B.

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 2006

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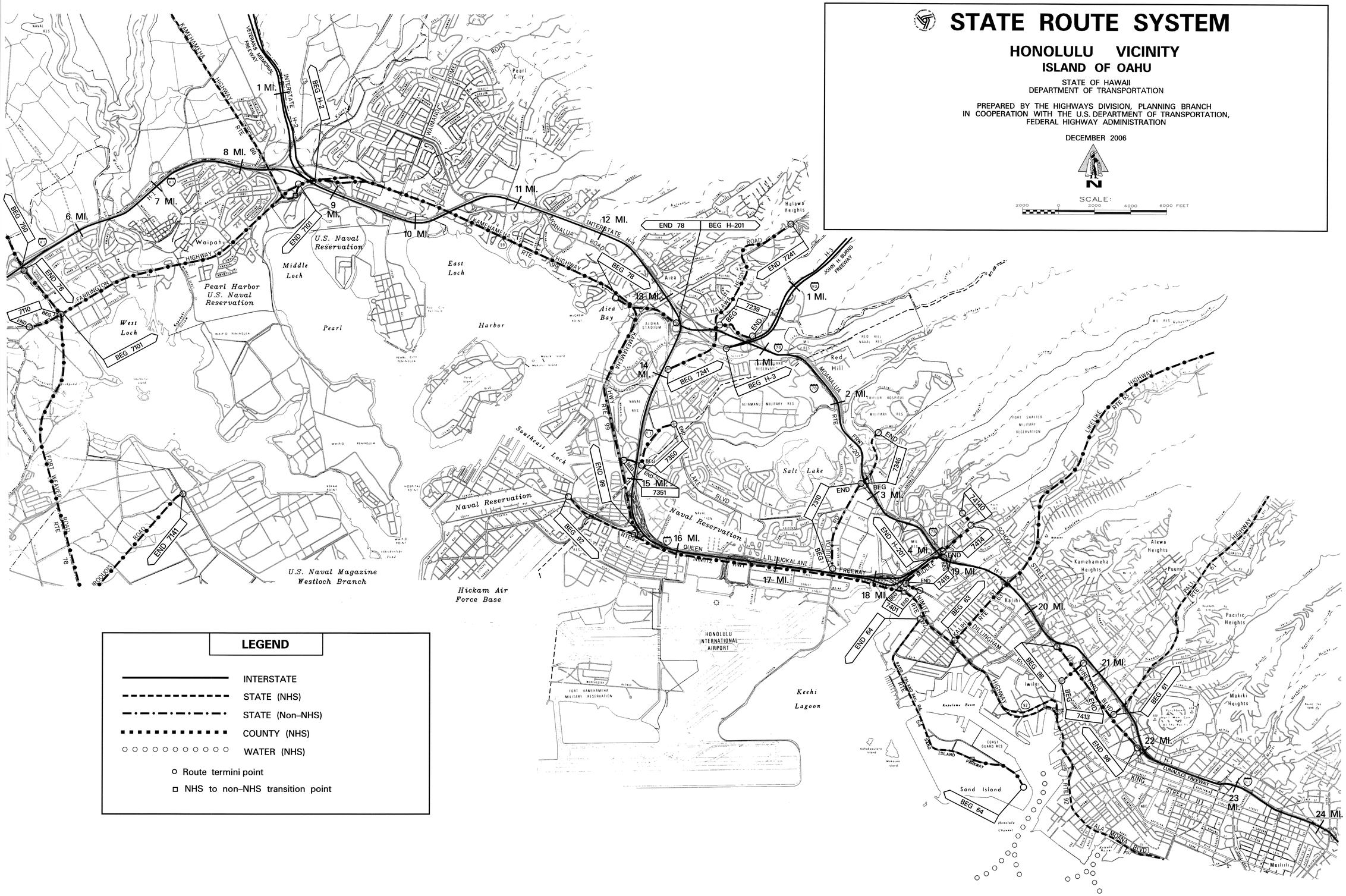
SCALE:
2000 0 2000 4000 6000 FEET



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
App. 04 | DB
Dec. 05 | DB

2

ROAD INVENTORY

OAHU RTE H–1

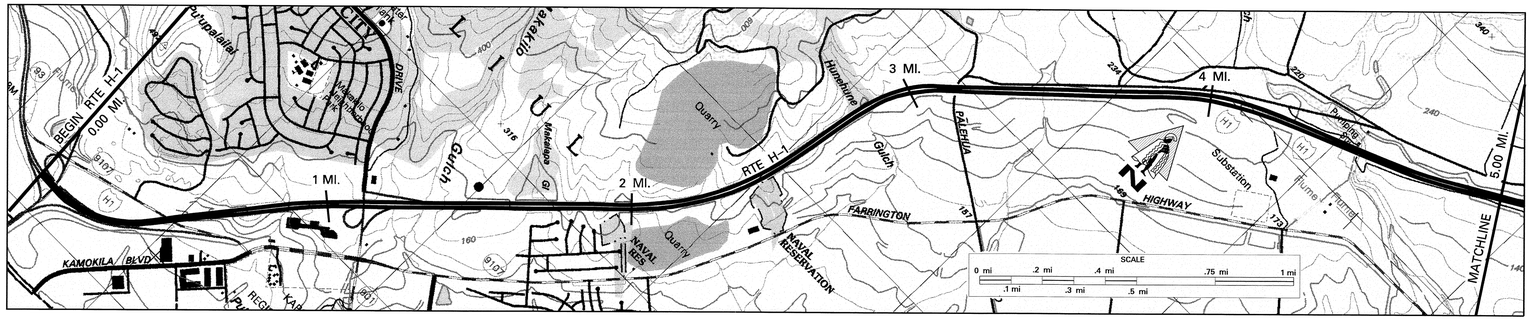
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length: 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 0.49 | CBG 1981 1.12 | Culvert 28' 1966 1.31 | Slab, HS–20–44 1966/87 35' 3.16 | Culvert, HS–20 1966 27' 3.45 | P/CB, HS–20–44 1966/87 137' 4.57

Vertical Clearance
Horizontal Clearance
99' 1.31

Structure Over Road

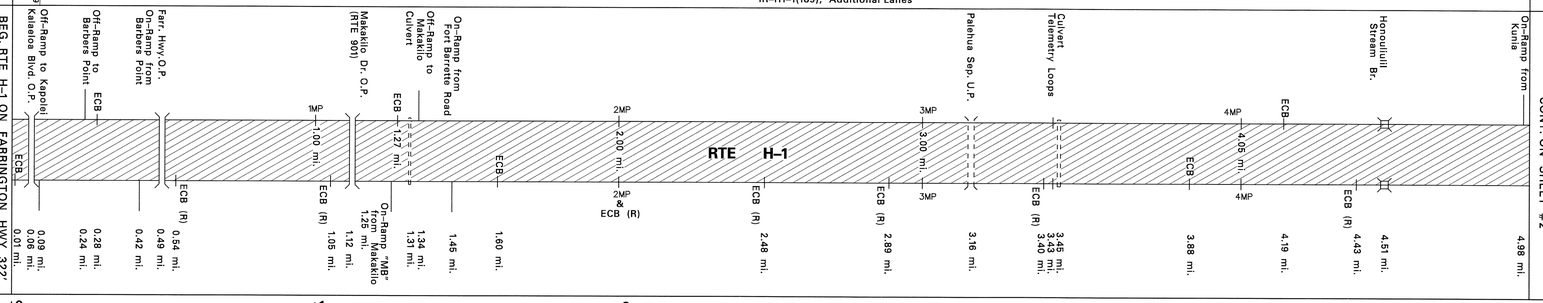
Vertical Clearance: 18' | 17' 07' | 18' | 52' O.B. 52' I.B. | 99' | 52' O.B. 52' I.B.
Horizontal Clearance: 41' | 53' | 58'

Right of Way Width (min.–max.) if varies: 220' 0.40 | 80' 0.61 | 180'–270' 1.29 | 250'–350' 2.00 | 190'–280'
Available Right of Way Width (Needs Study): 1000' Bushes
Right of Way Fence: Type – Right and Left: 0.09 Chain Link Fence / Chain Link Fence 1.00 | 1.29 Chain Link Fence 50'–100' from E.P. / Chain Link Fence 50'–100' from E.P.
Control of Access: 1–None, 2–Partial, 3–Full: Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State
Project No., Type of Construction, and Year Constructed: IM-NH-H1(239), 2004 RECONSTRUCTION 0.44 | 1.06 | 1.19 (H1A-01-02M, 2004 Rehab) | 4.34 IM-H1-1(219) 2000
Project No., Type of Construction, and Year Constructed (93A–01–96M, 1997, Resurf.) 0.09: IR–H1–1(189), Additional Lanes

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 6'–10' AC
Pavement: Width and Type: 24' AC 0.05 | 36' PCC | 6'–10' AC/ 6' PCC 3.98
Shoulder: Width and Type: 4'–6' AC 0.43 | 8'–12' AC
Median: Width and Type: 4' Grs.(R) 0.28 | 12'–14' Sloped Grass (R) 0.38 | 8'–16' Grass (R)
Median Barrier LEGEND: Concrete Barrier ——— Zipper Barrier - - - - - M/M Guard Rails |—— 0.38 | .46 .54
Shoulder: Width and Type: 2'–4' AC
Pavement: Width and Type: 24' AC | 24' PCC 0.42 | 36' PCC | 34' PCC/ 2' AC (median side) | 36' PCC | 34' PCC/ 2'AC(med. side) | 36' PCC
Shoulder: Width and Type: 4' AC/ 4' Grs. 0.10 | 10' AC/ 4'–30' Grass 0.81 | 10' AC 3.00 | 0'–8' PCC/ 6' AC 3.55 | 8'–10' AC/ 6'–8' Grass 3.99 | 8'–10' AC 4.38 | 0'–4' PCC/ 4' AC 4.65 | 8'–10 AC

Number of Traffic Lanes: 2–12' | 3–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 2–12' 0.10 | 12' 0.42 | (15'–24' DECEL) 1.31 1.38 | 1–12' Accel. 4.19 4.38
(Right Side): (2 – 15' ACCEL.) 1.26 1.33 | (1 – 15' ACCEL.) 1.42
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: 3 Crash Barrier 3 (0.02 0.08 0.17 0.20 0.31 0.36 0.42 0.49 0.84 0.89 1.04 1.10 1.18 1.30 1.34 1.40 1.60 1.79 1.85 1.94 2.13 2.24 2.30 2.37 2.40 2.45 2.48 2.55 2.68 2.84 2.89 2.98 3.15 3.17 3.30 3.43 3.48 4.47 4.55 4.58 4.79 Conc.)
Illumination: Type, Location and Number: High Pressure Sodium Lamps 0.43 0.48 | 200 HPS Lamps (High Pressure Sodium) 0.81 1.81 2.31 2.57 2.88 3.29 3.41 3.47 4.65 | (High Pressure Sodium Lamps) 4.89 4.93
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
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling
Speed: 1–Design, 2–Posted: 60 MPH (MIN 45) ② | 4.67 55 MPH
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Station
HPMS Section
AADT

DOD Sections: DOD 105 0.49 | DOD 106 1.37 | DOD 110
Census Tracts
Functional Classification: Interstate
National Highway System (NHS): NHS
Previous Projects: Project No., Date and Limits: I–H1–1(20), 1967 0.10 | I–H1–1(108) Safety Imprv., 1976 | I–H1–1(17) Unit 1, 1967 1.34 | I–H1–1(17) Unit 2, 1966 3.00 | I–H1–1(18) Unit 1, 1966 4.86 | I–H1–1(18)Unit 3, 1966

SCALE: (In Miles) 4" = 1 mile

Date Released
November 2000
Revised
May 02 D.B.
Aug. 04 D.B.
6/06 D.B.

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ROAD INVENTORY

OAHU RTE H-1

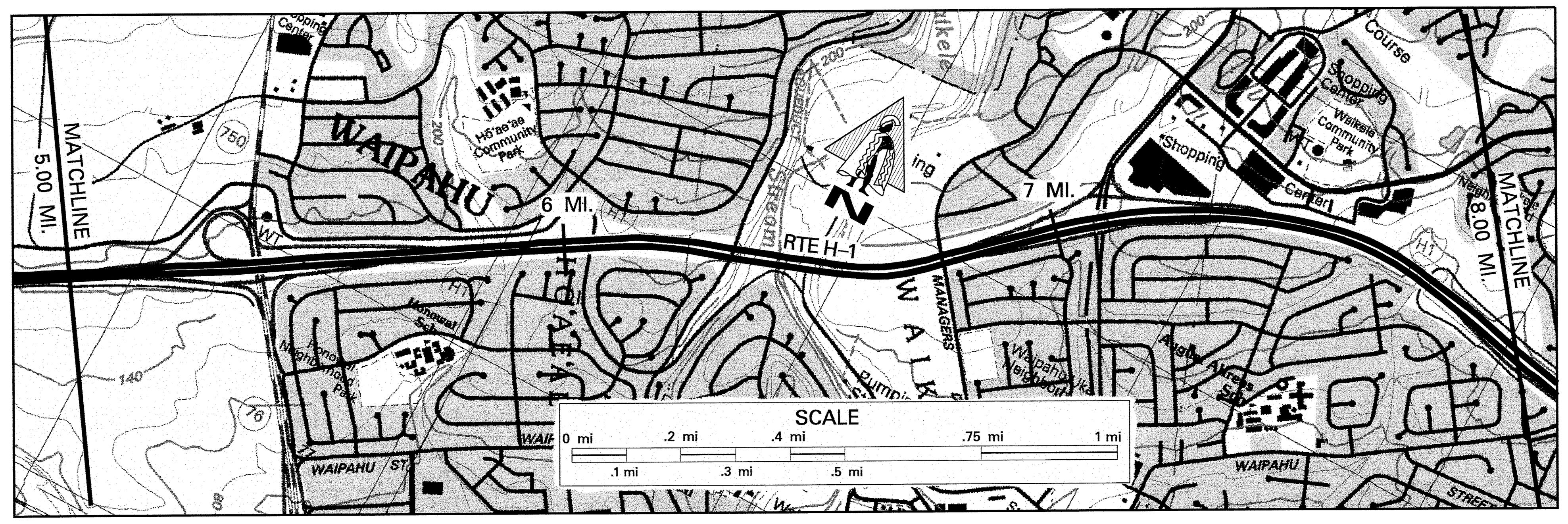
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

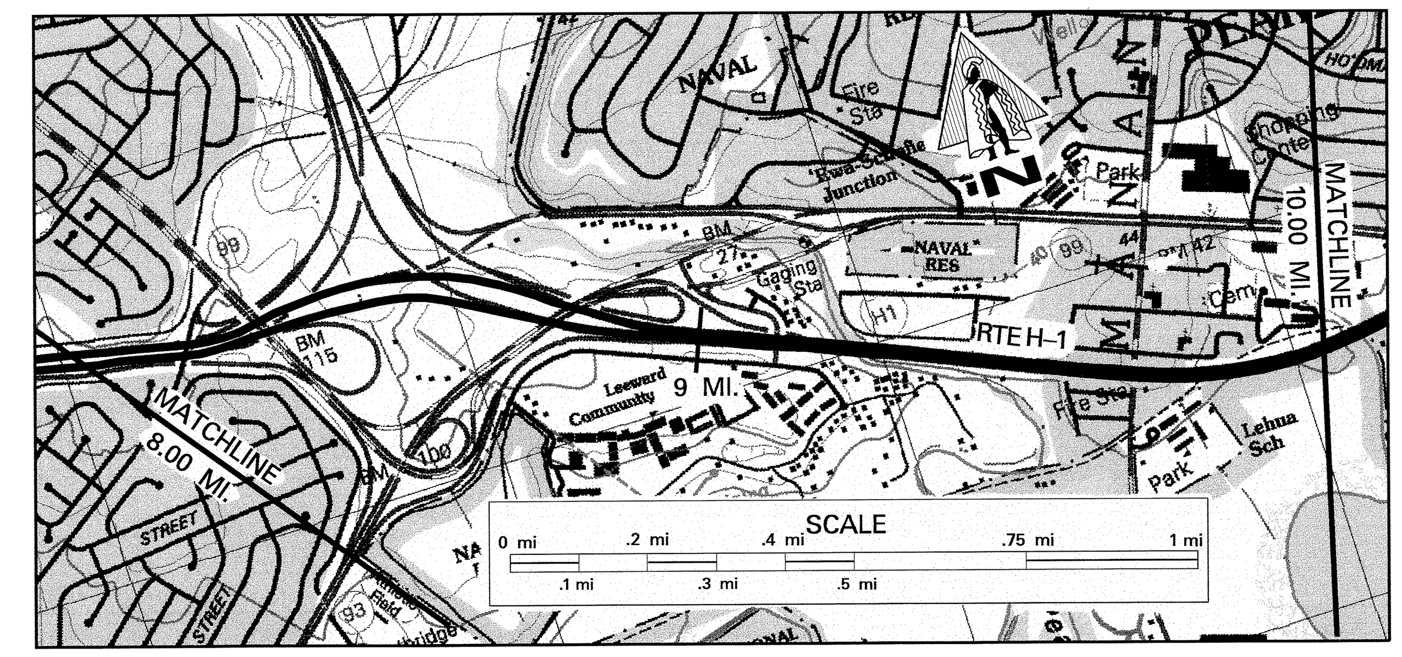
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length: 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 — 5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections: Length and Description
End H1-A, Beg H1-B 0.27 mi. West of West End of Kunia U.P. → 5.10 | H1-B (0.44 mi) | 5.54 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. 8.06 | H1-D (1.13 mi.) | 9.19 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' 5.37 | P/CB HS-20 1967 104' 6.05 | CBG 1967 6.34 | P/CB HS-20 1968 876' I.B. 832' O.B. 6.35 | CBG 1968 6.77 | TBM HS-20 200' 7.08 | P/CB HS-20 1968 158' 7.76 | CBG 1968 8.17 | CBG 1968 8.31 | OF HS-20 1970 8.32 | CBG 1971 8.58 | CBG 1969 8.75 | CBG 1969 8.77 | CBG 1969 9.13 | PLCB HS-20 1969 5946' 9.23
Vertical Clearance: —
Horizontal Clearance: 62' O.B. 50' I.B. | 62' | 63' | 69' | 69' | 58' | 99'

Structure Over Road
Vertical Clearance: 18' | 18' | 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' | 5.68 | 210' – 365' | 8.06 | 170' – 300'
Available Right of Way Width (Needs Study): 1000' Bushes 5.16 | Chain Link | 6.04 6.05 | 6.33 | 6.53 | 6.88 6.89 | 7.05 | 7.10 | 0' Residential | 7.76 7.78 | 8.06
Right of Way Fence: Type – Right and Left: (Chain Link 50'–100' from E.P.) 5.10 | 5.37 Chain Link / Chain Link | Chain Link / Chain Link | Chain Link / Chain Link | Chain Link / Chain Link | Chain Link / Chain Link | Chain Link / 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 5.86 | H1EFG-01-96, Contraflow and Shldr. Lane, 1998
Project No., Type of Construction, and Year Constructed: I-H1-1(108) Safety Imprv. 1976 .37 5.40 | IR-H1-1(181) Resurf. 1986 6.52 | 7.79 IM-H1-1(224) (R) 1986 | 9.23 | 9.70 H1-EG-01-95M (R) 1995

Road Diagram

* MP=Milepost Signage

Indicates Grass & / or Physical Barrier on Median.

Continued from Sheet #1

- Off-Ramp to Ft. Weaver Rd. & Kunia Rd. — 5.11 mi.
- 5MP; ECB 5.10 mi. 5.08 mi.
- Off-Ramp to Ft. Weaver Rd. — 5.32 mi.
- Kunia Sep. U.P. (RTES 76 & 750) — 5.37 mi.
- ECB — 5.58 mi.
- On-Ramp from Kunia (R) — 5.68 mi.
- Off-Ramp to Kunia (L) — 5.74 mi.
- On-Ramp from Ft. Weaver Rd. (R) — 5.79 mi.
- Hoaeae Sep. U.P. — 6.05 mi.; 6MP; 6.09 mi.; 6MP
- ECB (R) — 6.11 mi.
- Military Acc. Rd. O.P. — 6.34 mi.
- Waikele Stream Br. — 6.35 mi. (Begin) – 6.52 mi. (End)
- Zipper Crossover Ln. — 6.63 mi.
- Zipper Crossover Ln. — 6.69 mi.
- Manager's Dr. O.P. — 6.77 mi.; ECB 6.78 mi.
- On-Ramp from Waikele 6.86 mi.
- Off-Ramp to Waikele — 6.85 mi.
- (L)6.96 mi. (R)6.95 mi.
- Telemetry Loops; ECB 6.97 mi.
- Paiwa St. U.P. — 7.08 mi.; 7MP 7.11 mi.
- ECB (R) — 7.15 mi.
- On-Ramp from Waikele — 7.33 mi.
- Off-Ramp to Waikele 7.40 mi.
- RTE H-1
- Structure #451 U.P. — 7.76 mi.
- Zipper Crossover Ln. 7.86 mi.
- Off-Ramp to Kam Hwy. — 7.87 mi.
- Zipper Crossover Ln. 7.92 mi.
- ECB 7.97 mi.
- Waipahu St. O.P. — 8MP 8.12 mi.; 8MP 8.15 mi.
- On-Ramp from Pearl City — 8.17 mi.; 8.18 mi.
- Off-Ramp (To U.P.) — 8.24 mi.
- Kam Hwy O.P.s (FAP 99) — 8.31 mi.; 8.32 mi.
- Off-Ramp U.P. — 8.35 mi.; 8.40 mi.; Off-Ramp
- ECB (R) — 8.51 mi.
- On-Ramp From H-2 — 8.58 mi.
- H-2 O.P.; ECB 8.67 mi.
- On-Ramp Merge From H-2 — 8.68 mi.
- Farr.Hwy. O.P.s — 8.75 mi.; 8.77 mi.; 8.81 mi.
- Off-Ramp to H-2; ECB (R) — 8.82 mi.
- On-Ramp from Waipahu — 8.94 mi.
- Waiawa Rd. O.P. — 9.13 mi.
- 9MP 9.20 mi.; 9MP & ECB (R)
- Beg Viaduct; Off-Ramp to Waipahu — 9.23 mi.
- Hugh St. — 9.59 mi.
- Lehua Ave — 9.70 mi.

Continued on Sheet #3

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

Divided Highway – Undivided
Shoulder: Width and Type: 6'-8' AC | 6.35 8' PCC 6.52 | 8'-10' AC | 9.23 | 10' PCC
Pavement: Width and Type: 36' PCC 5.32 | 48' AC | 48' PCC | 48' AC | 8.18 | 33' AC | 8.81 | 55' AC | 55' PCC
Shoulder: Width and Type: (Double 2' Conc. Barr. w/ 0'-20' Gap) 4'-12' AC | (Double Conc. Barr. w/ 12' Gap) | 4' PCC | 4'-8' AC | 7.78 | 6'-10' AC | 8.47 | 4'-8' AC | 4' PCC

Divided Highway
Median: Width and Type: 12'-14' Sloped Grass (R) .35 | .40 4'-20' Grass & Shrubs .04 | .08 2'-12' Grass & Shrubs .33 | Double Conc. Barr. w/ 12' Gap .52 | 15'-0' Grass & Shrubs .65 | (2' Zip Blocks) .67 0'-10' Grass .80 | 10' Grass & Shrubs (R) .08 | (Double Conc. Barr. w/ 12' Gap) .11 8' Grass & Shrubs (R) .48 | 6'-2' Grass & Shrubs .74 | (Double Conc. Barr. w/ 15' Gap) .79 2'-10' Grass & Shrubs .18 | 55'-100' Sloped Grass .31 | 55'-100' Sloped Grass & H2 AC | 12'-0' Grass (R) .91 | 2' Concrete Barrier / 2' Zipper Barrier
Median Barriers: LEGEND: Concrete Barrier —— Zipper Barrier - - - - M/M Guard Rails |——|
.30 .40 | .04 .08 | .33 .52 | .65 .67 .80 | .99 .99 .13 .13 | .48 .48 | .74 .79 .87 .90 | .02 .03 .18 | .41 .48 .56 .57 .60 | .77 .85
Shoulder: Width and Type: 2'-6' AC | 2' PCC | 6'-8' AC w/ PCC, 10' Grass, Shrubs | 8.91 | 2'-4' AC | 1'-2' PCC
Pavement: Width and Type: 36' PCC | 24' PCC | 24' AC | 48' AC | 6.35 48' PCC 6.52 | 48' AC | 7.99 36' AC 8.07 | 48' AC | 8.24 | 36' AC | 8.68 24' AC 8.77 | 55' AC | 55' PCC
Shoulder: Width and Type: 8'-10' AC 5.11 | 0'-15' PCC 5.41 | 15'-0' AC 5.68 | 10' AC | 6.85 | 0'-10' AC | 7.33 6' AC / 20' Grass 7.56 | 6' AC | 7.94 10' AC / 2'-20' Grs | 8.26 | 6'-8' AC | .81 | 8.94 | 10'-12' AC | 9.23 | 10' PCC

Number of Traffic Lanes: 3-12' .32 | 3-12' | 2-12' | 5.68 | 4-12' | 4-12' | .18 | 3-11' | 3-12' .07 4-12' | 3-12' | 2-12' .77 | 5-11' | 5-11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 5.36 1-16' Decel 5.53 | 5.61 1-12' Accel 5.76 | 1-12' Decel 6.24 | 7.99 8.06 1-12' Accel 8.17 | .24 | 8.41 1-12' Decel 8.51 | .68 | 8.79 2-12' Decel 8.97 | 9.17 9.20 Ramp to Kam Hwy
(Right Side): 5.04 5.11 1-14' Decel | .80 .85 Decel | 7.82 7.88 1-14' Decel | 1-12' Decel 8.21 | 8.31 8.35 Ramp to Kam Hwy | 8.70 1-12' Accel Ramp from H-2 | 8.95 1-12' Accel 9.14 | 1-12' Accel 9.23
Frontage Road: No. of Lanes, and Width (Right and Left): —
Sidewalk: Width and Type (Right and Left): —
Curb and/or Gutter: Type (Right and Left): Conc 5.40 5.54 | Conc 5.84 6.01 | Conc | Conc
Protective Devices: Type, Location and Number — LEGEND: 1=conc. barrier, 2=conc. wall, 3=metal w/ metal rail, 4=conc. w/ metal rail
5.11 5.16 3 | 5.34 5.37 5.39 3 1 | 3 5.57 | 5.68 | 5.76 3 6.03 | 6.06 1 3 6.10 | 6.31 6.34 6.35 3 4 6.52 3 6.56 | 6.76 6.78 1 | 6.94 3 7.06 4 7.10 3 7.24 | 7.66 3 7.74 4 7.77 3 7.85 | 7.90 3 8.00 | 8.20 3 | 8.27 3 8.51 | 8.55 3 8.60 | 8.85 3 8.98 | 9.21 4
3 | 3 1 | 3 | 3 | 1 3 | 3 4 3 | 3 4 3 1 | 3 4 3 | (3) 8.16 8.17 | 1 | 3 | 3 | 3 4
Illumination: Type, Location and Number: High Pressure Sodium Lamps 5.22 | 5.37 5.41 | 5.74 | 5.82 | 6.04 6.07 6.10 | 6.30 6.35 | 6.52 6.54 | 6.72 | 6.94 7.07 7.11 7.16 7.26 | HPS (Median, 48) 7.53 | 7.55 7.75 7.79 7.87 | 8.28 8.31 | 8.44 8.52 | 8.72 8.79 | High Pressure Sodium Lamps 9.18 9.22
Curves: Degree of Curvature (Right and Left): —
Zipper Lane/Express Lane: 6.68 (Zipper Lane/Express Lane: Buses and 3 Rider Car Pools, 6 – 8 AM, Monday – Friday)
Shoulder Lanes: 5.68 10'-12' AC w/ PCC, 5AM-8AM 6.85 | 8.94 10'-12' AC [HOV Lane near median (2 or more occupants)] →
HOV Lanes/Contra-Flow Lanes: 8.70 HOV Lane near median (2 or more ocuupants) 9.90
Area and Development: Large Urbanized
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 Station: —
HPMS Section: —
AADT: —
DOD Sections: DOD 110 | 5.76 | DOD 115 | 9.23 | DOD 120
Census Tracts: —
Functional Classification: Interstate
National Highway System (NHS): NHS
Previous Projects: Project No., Date and Limits:
9.05 H1E-01-94M Shldr Imprv 1994
8.79 IR-H1-1(206), Ph. 2 & IR-H1-1(193) Additional Lanes 1987/88
5.40 IR-H1-1(181) Resurf. 1986 | 8.06 | IR-H1-1(167) Resurf. 1982 | I-H1-1(18) U-2 1966
I-H1-1(108) Safety Imprv. 1976 | (I-H1-1(18) U-2 1966) | 5.79 | 5.85 IR-H1-1(212) Hwy Lighting 1994
I-H1-1(18) U-3 1966 5.34 5.36 5.40 | I-H1-1(32):5 Unit 1 1969 | 6.36 I-H1-1(32):5 U-2 1969 6.50 | I-H1-1(32):5 Unit 3 1969 | I-H1-1(33):8 I-H1-1(44):8(1969) 8.26 | I-H1-1(169):8 1971 8.56 | I-H1-1(47):9 1970 | 9.00 I-H1-1(14):8 I-H1-1(48):9(1970) 9.22 | I-H1-1(37):9 1969 9.55 | I-H1-1(42):10 1970 9.87 | I-H1-1(43):10 1970

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

Date Released	
November 2000	
Revised	
May 02	D.B.
Sept. 02	J.K.
Aug 04	D.B.
6/06	D.B.

ROAD INVENTORY

OAHU RTE H–1

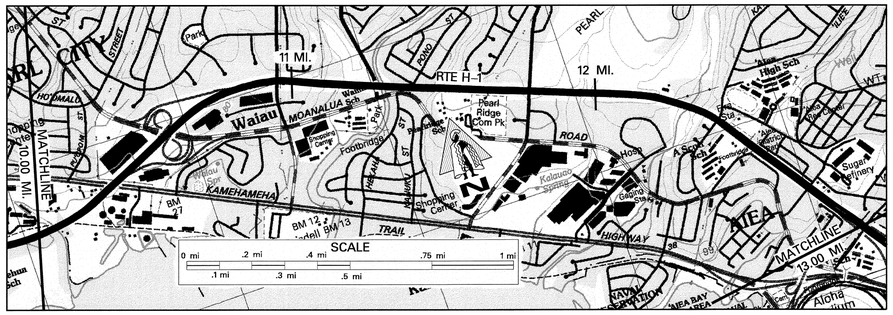
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

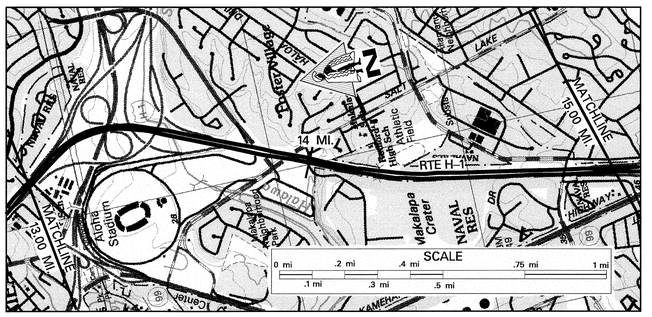
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	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 Beneath 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

Continued from Sheet #2

Continued on Sheet #4

10 | 11 | 12 | 13 | 14 | 15

H1–E (3.88 mi.) | End H1–E and beg. H1–F 211' east of Kaimakani O.P. 13.07 | H1–F (0.98 mi.) | End H1–F and beg. H1–G at S.E. end of Halawa IC complex (end viaduct) 14.03 | H1–G (3.51 mi.)

CGB HS–20 1970 244' 10.53 | 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 12.86 99' | P/CB HS–20 1970 13.03 | Prestressed Conc. Girder HS–20 1975 116' 13.42 | 29' 13.54 | 13.64 | 13.70 | Prestressed Conc. HS–20 81'–8" 14.85

99' | 163' | 33' | 33'

18' | 17'–04" | 18' | 17' | 17'–04" | 18' | 18' | 18'

83' | 70' | 69' | 75' | 76' | 99' | 150' | 150' | 154'

170' – 300' 10.32 | 172' – 240' 10.56 | 250' – 350' 12.87 | 172' – 410' 14.65 | 250' – 300'

0' Residential

Chain Link 50'–100' from E.P. 10.56 – 12.87

Chain Link 50'–100' from E.P.

Full

State

74+20 10.59 | I–H3–1(75), Unit VIII, H–1 Roadway Widening (Westbound Lanes only), 2006 | 143+65 11.87 | 39+00 14.34 | NH–H1–1(246), Zipper Lane Extension, 2006

H1EFG–01–96, 1998, Contraflow and Shoulder Lanes

End Viaduct Over Waiawa Kam Hwy. U.P. 10.17 mi. | On-Ramp from Waiawa to Waimalu 10.34 mi. | Moanalua Rd. U.P. 10.42 mi. | On-Ramp from Waimalu 10.53 mi. | Off-Ramp to Waimalu 10.61 mi. | Kaahumanu St. O.P. 10.71 mi. | Beg. Viaduct 10.88 mi. | Kaahele St. U.P. 10.94 mi. | End Viaduct Pono St. U.P. 11.25 mi. | Kaonohi St. O.P. 11.32 mi. | Culvert 11.44 mi. | Kaamilo St. O.P. 11.49 mi. | On-Ramp from Moanalua Fwy. Ped. Overpass 11.69 mi. | Alea Hts. Dr. O.P. 11.79 mi. | On-Ramp "D" (L) to Double Box Culvert 12.42 mi. | On-Ramp from Red Hill 12.79 mi. | Kaimakani St. O.P. 12.86 mi. | Off-Ramp (R) to Pearl Ridge (Exit 12) 12.97 mi. | On-Ramp from Moanalua Fwy. 13.03 mi. | ECB 13.04 mi. | Off-Ramp "B" (R) to Moanalua Fwy. 13.10 mi. | Off-Ramp "E" (L) to Pearlridge Interchange 13.20 mi. | Ramp O.P. 13.35 mi. | Halawa Str. Br. 13.42 mi. | Ramp O.P. 13.49 mi. | Halawa Str. Br. 13.54 mi. | Tunnel (L&R) 13.57 mi. | Tunnel (L&R) 13.59 mi. | Begin Viaduct 13.60 mi. | Off-Ramp (L) to Halawa Stad. 13.70 mi. | On-Ramp (R) from Halawa Stad. 13.71 mi. | Kahuapaani St. O.P. 13.73 mi. | Salt Lake Blvd. 13.85 mi. | End Viaduct Arterial Rd. 13.95 mi. | Arterial Rd. 14.01 mi. | Salt Lake Blvd. 14.05 mi. | 14.06 mi. | Pedestrian O.P. 14.24 mi. | 14.29 mi. | Redford Dr. O.P. 14.85 mi. | Off-Ramp (R) to Valkenburg (Exit 15) 14.95 mi. | On-Ramp (L) from Valkenburg 14.98 mi. | Zipper Crossover Lane 14.92 mi. | Zipper Crossover Lane 14.39 mi.

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

ECB | RTE H–1

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

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

55' PCC | 55' PCC (Outer Lane includes AC Pav't) | 72' PCC | 68' PCC | 77' AC | 48' AC | 48' PCC | 48' AC | 60' AC (48' AC)

4' PCC | 12' PCC | 11' PCC | 6'–7' PCC | 6'–7' AC | 10' AC | 4'–6' AC | 6'–8' PCC | 8'–10' AC

2' Concrete Barrier + 2' Zip Blocks

1'–2' PCC | 2' AC | 2' PCC | 2' AC | 2' PCC | 2' AC | 3' PCC | 4'–6' AC | 6'–8' PCC | 8'–10' AC

55' PCC | 55' AC | 55' PCC | 55' AC | 55' PCC | 55' AC | 66' PCC | 44' AC | 48' AC | 60' PCC | 60' AC | 48' AC

10' PCC | 4'–10' AC | 10' AC | 10' PCC | 4' AC | 10' PCC | 12'–14' AC | 10' PCC | 40' | 10'–12' AC | 40'

5–11' | 6–12' | 2–12', 4–11' | 2–12', 5–11' | 7–11' | 4–12' | 5–12' (4–12') (4–12')

5–11' | 6–11' | 4–11' | 5–12'

1 – 12' Accel | 16' Accel | 15' Decel | 2 – 12' Accel | 1 – 12' Decel | 2 – 12' Accel | 1 – 12' Decel

High Pressure Sodium

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

10'–12' PCC | 10'–12' AC w/ PCC | HOV Lane near median (2 or more occupants) | HOV Lane near median (2 or more occupants)

Large Urbanized

Rolling

55 MPH – Minimum 45 MPH ②

DOD 120 | DOD 125 | DOD 130

Interstate

NHS

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(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(135):14 1976 Resurface, 1982 | I–H1–1(7,03,125):14 1976

SCALE: (In Miles) 4" = 1 mile

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

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Zipper Lane/Express Lane

Shoulder Lanes

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 Station

HPMS Section

AADT

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

Date Released
November 2000
Revised
May 02 D.B.
Aug 04 D.B.
6/06 D.B.
3/07 D.B.

ROAD INVENTORY

OAHU RTE H-1

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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FEDERAL HIGHWAY ADMINISTRATION

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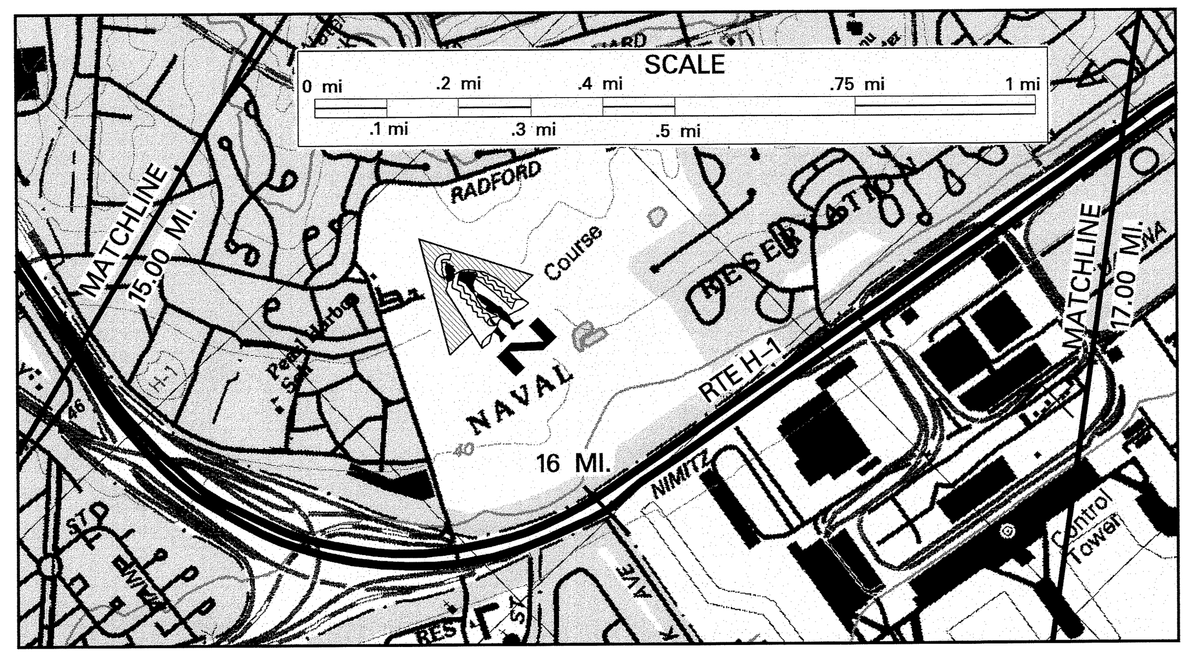
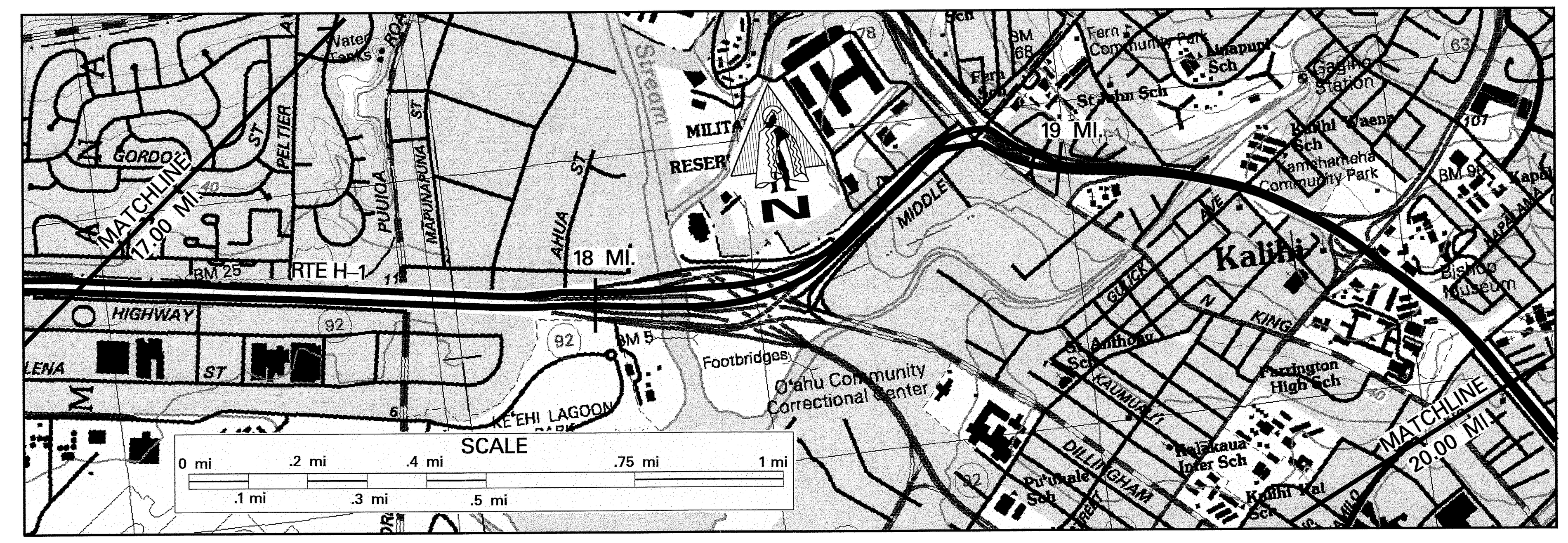
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	27.16	MILES (a+b, less c)
a. Existing Length:	27.16	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______





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

Maintenance Control Sections: Length and Description: H1-G (3.51 mi) | 17.54 | H1-H (1.73 mi) | End H1-H Beg. H1-I at East End of Kahauiki IC (West End of Kalihi Str. Br.) 19.27 | H1-I (5.52 mi)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Prestressed Conc. HS-20: 85' (15.22), 80' ‖ 43'; Prestressed Conc. HS-20 – 44: 10287' (15.73), Ramp O.P. (16.50), Ramp O.P. (16.75); Slab HS 20, 1962; Tunnel 1964, 393' (18.80); CBG 1964 HS 20; Slab HS-20 1961 (18.97); CBG HS-20 1962 135' (19.27); Slab HS-20 1959 (19.39); Slab 1959 (19.55, 19.65); Conc. Box Grdr. 1964 88' (19.92)

Vertical Clearance: 18'; ?; 14'–11"

Horizontal Clearance: 188'; 72' Outb. 72' Inb.; 17'–05"; 88'; 99'

Structure Over Road — Vertical Clearance: 17'; 15.51 17'; 18' Outb. 18' Inb.; 19' Outb. 18' Inb.; 16'–08"; 16'–03"; 18'; 43'; 42'; 27'; 16'–9"

Horizontal Clearance: 188'; 188' (15.52); 72' Outb. 72' Inb.; 72' Outb. 72' Inb.; 38'; 40'; 28'; 52'; 15'–7"

Right of Way Width (min.–max.) if varies: 250' – 300'; 19.41; 150' – 230'

Available Right of Way Width (Needs Study): 0' Residential; 17.54; (Conc. Retaining Wall) 0' Residential/Commercial (18.70, 18.77); (Chain Link 20'–30' from E.P.) 19.52; 19.64

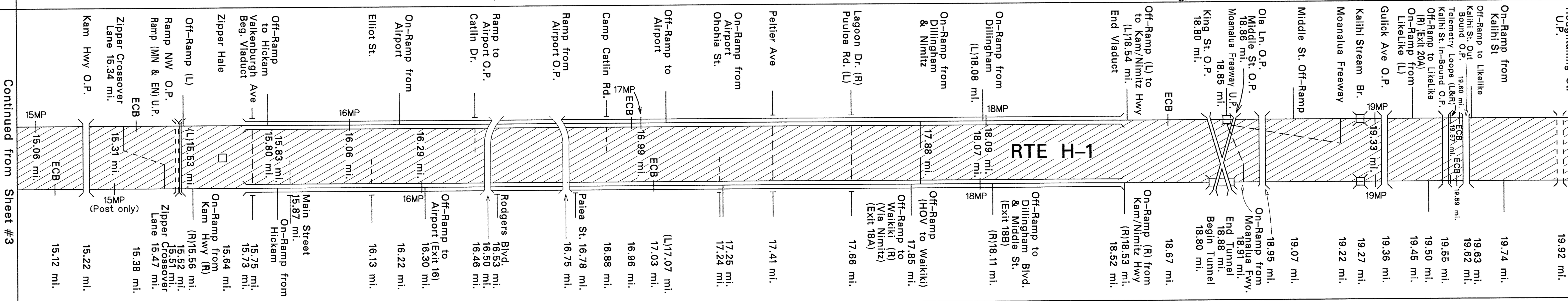
Right of Way Fence: Type – Right and Left: Chain Link 30' from E.P.; Chain Link 15'–20' from E.P.; Chain Link 30' from E.P. (18.94, 19.03); Chain Link 40' from E.P. (19.49, 19.88)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State; 220+60; DPI-0203(1) (Sta 12+35) Resurfacing, 2005; 19.45; 19.64 I-H1-1(187), O.B. Impr 1985

Project No., Type of Construction, and Year Constructed: NH-H1-1(246), Zipper Lane Extension, 2006; 17.88; 18.83; 18.91; (Sta 14+00) H1H-01-00M (Sta 50+70) Rehab, 2005; IR-H1-I (214), 1992 (R); 19.66 IM-H1-I(220) Pavement Rehab. 1996

Project No., Type of Construction, and Year Constructed: H1EFG-01-96, 1998, Contraflow and Shoulderlane; 18.73; I-H1-1(187), O.B. Impr 1985; 19.28 I-H1-1(178), Inbound Improvement, 1984



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

Divided Highway — Undivided — Shoulder: Width and Type: 10'–12' AC; 11'–12' PCC; 18.52 14' AC (18.70); 0' (18.83); 2'–10' AC (19.61); 4'–8' AC

Pavement: Width and Type: 48' AC (15.73); (15.80) 60' PCC (16.22); 48' PCC (17.07); 60' PCC (17.77); 72' PCC (17.88); 36' AC (18.08); 24' PCC; 24' AC (19.22); 44' AC (19.45); 33' AC (19.63); 48' AC

Shoulder: Width and Type: (2' Zip Blocks + Crossover Ln. AC) 10'–12' AC; (48' PCC); 11'–12' PCC; 11' AC (18.74); 0' (18.83); 4'–5' AC

Median: Width and Type: 2' Conc. Barr. + 2' Zip Blocks (.32); (.45) 0'–15' Grs. & Shrubs (.60); 10' Grass; Double 2' Conc. Barr. + 25' Gap; .87 2' Conc. Barr. (.00); Interchange; 4'–6' Grass & Shrubs; (.80) (25' Sloped Grs. (L)); Interchange (.14); 2' Conc. Barrier

Median: Barrier LEGEND: Concrete Barrier ——— Zipper Barrier – – – – M/M Guard Rails |——| — .28; .45; .60; .73; .88; .87; .00; .02; .74; .81; .88 (Tunnel); .80; .88; 18.94; .14; 19.64

Shoulder: Width and Type: 10'–12' AC; 12' PCC; 17.67 10'–12' PCC; 12' AC (18.76); 2'–4' AC

Pavement: Width and Type: 48' AC; 48' PCC (15.83); 60' PCC (16.30); 48' PCC (17.25); 60' PCC (17.41); 72' PCC (17.85); 36' PCC (18.11); 24' PCC; 24' AC (18.91); 44' AC (19.50); 33' AC (19.74); 48' AC

Shoulder: Width and Type: 10'–12' AC (15.55); 2'–4' AC (15.73); .80; 16.22; 11'–12' PCC (17.07); .77; .88; .08; 18.52; 6'–10' AC (19.22); .45; 19.62; 2'–4' AC

Number of Traffic Lanes: 4–12'; 5–12'; 4–12'; 5–12'; 6–12'; 3–12'; 2–12'; 4–11'; 3–11'; .63; 4–12' / 4–12'; 5–12'; 4–12'; 5–12'; 6–12'; .85; 3–12'; .11; 2–12'; 4–11'; 3–11'; 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 15.52 1–12' Decel 15.70; 15.77; .83; 16.30; 17.25; 17.41; 17.41; 17.64 1–12' Accel 17.77; 18.91; .50; .74

(Right Side): 15.54 1–12' Accel 15.68; .82 2–12' Accel .90; .16 Decel .30; .24 Accel .30; 18.52 1–12' Accel 18.69; 18.92 2–12' Accel 19.10; .74 Accel .77

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): 15.53; 15.57; 15.62; 15.65; 15.71; 15.81; 18.53; 18.71; 18.72; 18.77; 18.79; 18.80; 18.84; 18.94; 18.95; 19.35; 19.37; 19.44; 19.54; 19.55; 19.58; 19.62; 19.63; 19.65; 19.75; 19.80; 19.83

Protective Devices: Type, Location and Number LEGEND: 1=conc. barrier, 2=conc. wall 3=metal w/ metal rail — 1 | 3 | 1 | 3; 1; 3; 1; 3; 1; 3 | 2 | 2 | 3 | 1 | 2; 1; 2 | 1; 2 | 3 | 1; 2; 3; 1 | 3 / 3 | 1 | 3; 1; 3; 1 | 2 | 1 | 2 | 1; 1; 2; 1 | 3 | 2; 3; 1 | 3 — 15.28; 15.47; 15.52; 15.65; 15.72; 18.61; 18.63; 18.74; 18.80; 18.90; 18.95; 19.05; 19.07; 19.14; 19.36; 19.49; 19.55; 19.57; 19.59; 19.62; 19.63; 19.75; 19.90; 19.91

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

Curves: Degree of Curvature (Right and Left)

Zipper Lane/Express Lane: (Zipper Lane (Express Lane: Buses and 3 Rider Car Pools, 5:30 AM – 8:30 AM, Mon. – Fri.)) 2–12' Lanes; 15.34; 1–11' Lanes; 17.88

Shoulder Lanes: 15.47 Shldr. Lane: For Express Lane Users Only, Open 5:30 AM–8:00 AM (Shldr. Lane Next to Median, 3 or More Occupants) 17.67; 18.06 Shldr. Lane (next to Median) Buses Only, 6 – 8 AM 18.73

HOV Lanes/Contraflow Lanes: HOV Lane near median (2 or more occupants); HOV Lane near median (2 or more occupants) 17.88

Area and Development: Large Urbanized

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Rolling; 15.73; Flat; 17.54; Rolling

Speed: 1-Design, 2-Posted: 55 MPH – Minimum 45 MPH (2); 17.66 45 MPH (2); 55 MPH (2); 18.24 35 MPH (2); 18.90; 18.94; 35 MPH (2); 50 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

HPMS Section

AADT

DOD Sections: DOD 130; 15.73; DOD 135; 18.55 DOD 140; 18.83 DOD 145; 18.94 DOD 150; 19.77 DOD 155

Census Tracts

Functional Classification: Interstate

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits:
(I-H1-1(73):15, 1997); IM-H1-1(227)(R), 1997 (15.73, 15.80); 16.16 H1-EG-01-95M(R), 1995 16.94; (H1H-01-97M(R), 1998) 18.49 18.56; 19.66 IR-H1-1(198) (R) 1986
15.17 IR-H1-1(207), 1989 15.72; 16.24 I-H1-1(124):16, 1981 16.67; I-H1-1(84):16, 1981; 17.69; 18.97 IR-H1-1(135):19, 1979 (R); 19.67 IR-H1-1(153):19 Resurface, 1979
I-H1-1(111):14 1976; I-H1-1(110):15 1976 (15.34); I-H1-1(73):15, 1977; 15.80 I-H1-1(156):16, 1981; 16.46 I-H1-1(121):16, Outbound Only, 1979; 17.62; 17.71 I-H1-1(147):17 1983; 18.11 I-H1-1(131):17, 1982; I-H1-1(29):18, 1964; 19.26 H1-H1-01-71 Resurf, 1971; 19.79; 19.85
15.82 I-H1-1(119):16, 1979; 16.45 I-H1-1(120):16, 1979; 16.93 (I-H1-1(130):17, 1979); 17.69 I-IR-H1-1 (170):17 1986; 17.84 I-H1-1(132):17 1986; I-H1-1 (168):17; 18.22 I-H1-1 (86):17 1986; 18.37; 18.41; 18.10; (I-IR-H1-1(169):17, 1986); 18.76 I-H1-1(178), 1984; EBU-072-1(2) U-4; U-072-1(7) Unit 3, 1963; I-H1-1(34):20, 1966

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

Date Released	
November 2000	
Revised	
May 02	D.B.
Aug. 04	D.B.
6/06	D.B.
3/07	D.B.

ROAD INVENTORY

OAHU RTE H–1

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	27.16	MILES (a+b)
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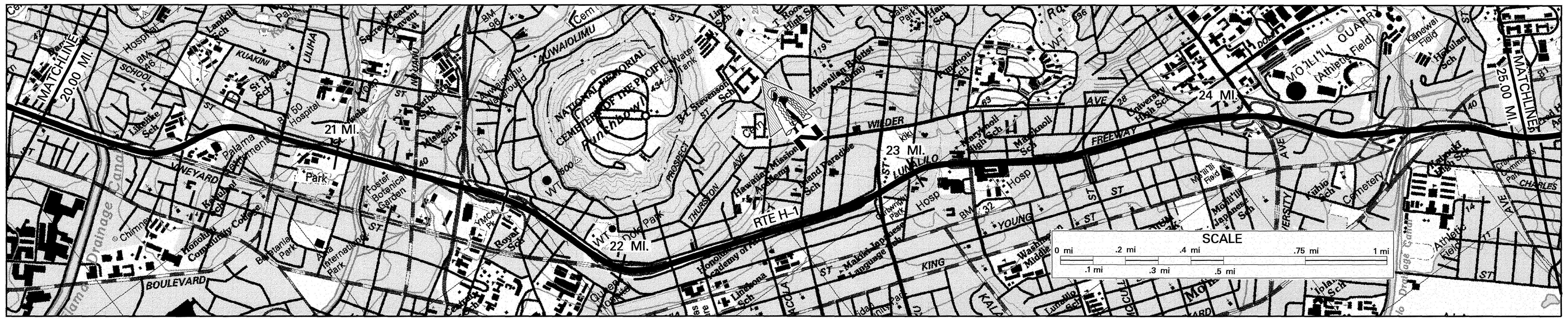
NEEDS STUDY ROUTE NO. ______________ FUNCTIONAL CLASSIFICATION ______________



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

Maintenance Control Sections : Length and Description
H1–I (5.25 mi.) — End H1–I, Beg. H1–J at Kapiolani IC (Old Waialae Rd.) 24.50 — H1–J (0.42 mi.) 24.87 — H1–K (2.29 mi) — (End H1–J, Beg. H1–K 200' East of Kapahulu Ave.)

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

Bridge	Milepost	Vertical Clearance	Horizontal Clearance
P/CB 1965 130'	20.24		99'
CBG 1965 610'	20.40		88'
Slab 1963	20.78		
Slab 1965	20.83		
Slab 1964	21.08		
Slab 1964 91'	21.10		88'
CBG 1961	21.26		
CBG 1960	21.41 / 21.42		
SLAB 1961	21.56		
SLAB 1960 36'	21.64		99'
Ped 1960 44'	21.80		
CBG 1969	21.95		
Ped 1969	22.02		
P/CB 1968	22.16		
CBG 1969 1526'	22.40		95'
P/CB 1960	22.87		
SLAB 1955	23.18		
SMS 1956	23.55		
SMS 1956	23.90		
TMB 1953 120'	24.12		88'
TMB 1953 44'	24.31		86'
CBG 1967	24.50		
P/CB 1967 117'	24.55		40'
CBG 1969	24.61		
CBG 1967 880'	24.71		99'
CBG 1965	24.97		

Structure Over Road — Vertical Clearance / Horizontal Clearance
42' / 16'–2"; 42' / 17'–2"; 49' / 15'; 62' / 16'; 59' / 18'; 68' / 18'; 47' / 17'–9"; 51' / 18'; 47' / 17'–8"; 54' / 18'; 72' / 18'; 49' / 16'–8"; 49' / 16'; 46' / 15'–11"; 47' / 16'–5"; 53' / 16'–7"; 54' / 18'; 68' / 16'–11"

Right of Way Width (min.–max.) if varies: 150' – 230' | 20.77 | 120' – 240' | 21.26 | 140' – 300' | 22.40 | 140' – 275' | 23.06 | 130' – 160' | 23.35 | 110' | 24.02 | 165' – 260' | 24.10 | 150' – 240'

Available Right of Way Width (Needs Study): 0' Residential/Commercial

Right of Way Fence: Type – Right and Left: Chain Link 15'–20' from E.P. 20.55 | 20.64 (ChainLink 30'–50' from E.P.) (ChainLink 30' from E.P.) 21.79 | 22.77 Chain Link 15'–30' from E.P. 24.04 | 24.92 (Chain Link 20'–30' from E.P.)
20.60 ChainLink 30'–50' fromE.P. 20.93 | 21.05 ChainLink 30'–50' fromE.P. 21.36 | 21.62 | 21.86 Chain Link 8'–30' from E.P. 24.02

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

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

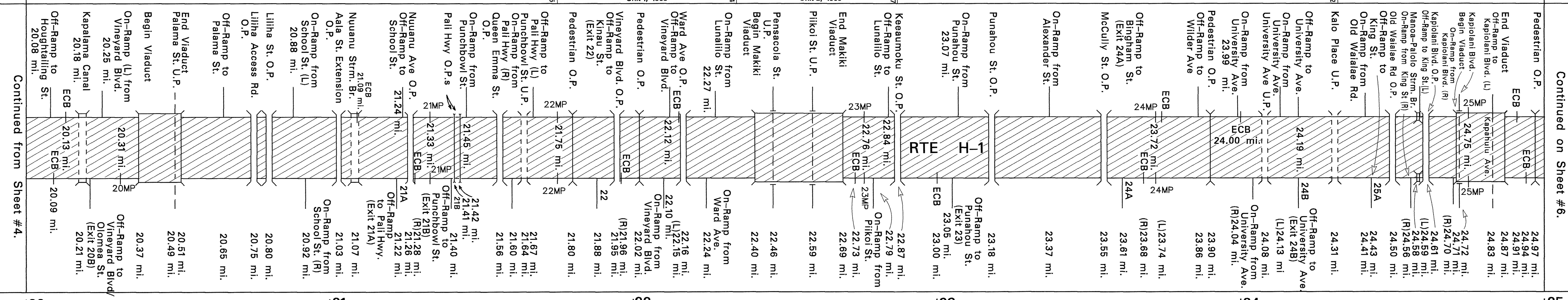
Project No., Type of Construction, and Year Constructed: 21.75 | IM–H1–1(234) (R), 2000 | 24.88

Project No., Type of Construction, and Year Constructed: IM–H1–1(220), Pavement Rehab, 1996 | 21.75 | I–H1–1(31):21 Unit 1, 1969 | 22.34 | I–H1–1(31):21 Unit 2, 1969 | 22.87 | I–H1–1(60):23 Shoulder Imprv., 1977 | 24.32 | IR–H1–1(184) Safety Imprv., 1979

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage



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

Divided Highway — Undivided
- Shoulder: Width and Type: 4'–8' AC | 22.12 | 2' AC | 22.40 | 6' PCC | 22.69 | 2'–4' AC | 23.07 | 1'–4' PCC | 23.37 | 8' – 10' AC | 23.86 | 0'–8' AC | 24.71 | 4'–6' PCC | 24.83 | 9' PCC
- Pavement: Width and Type: 48' AC | 20.25 | 36' AC | 48' AC | 22.27 | 36' AC | 36' PCC | 36' AC | 22.84 | 44' AC | 36' AC | 44' AC | 23.99 | 36' AC | 36' PCC | 60' PCC
- Shoulder: Width and Type: 5' AC | 5' PCC | 6'–10' AC | 4'–6' PCC
- Median: Width and Type: 2' Concrete Barrier
- Median Barrier (LEGEND: Concrete Barrier ▬▬ Zipper Barrier – – – – M/M Guard Rails ├──┤)
- Shoulder: Width and Type: 5' AC | 5' PCC | 5' AC | 5'–10' PCC
- Pavement: Width and Type: 48' AC | 20.21 | 36' AC | 44' AC | 21.86 | 36' AC | 22.10 | 48' AC | 22.22 | 36' AC | 36' PCC | 36' AC | 22.81 | 44' AC | 23.05 | 36' AC | 48' PCC
- Shoulder: Width and Type: 8' AC | .25 | 20.36 | 2'–10' AC | 20.91 | 6' AC | 21.60 | 0'–10' AC | .12 .20 .27 | 22.40 | 4' PCC | 22.69 | .84 | 2'–8' AC | 23.07 | 3' PCC | 23.27 | 6'–10' AC | .86 .96 | 24.04 | 0'–8' AC | 24.71 | 6'–14' PCC

Number of Traffic Lanes: 4–12' | 3–12' | 5–12' | 4–12' | 3–12' | .84 4–11' | 3–12' | .86 4–11' .96 | 3–12' | .83 5–12'
4–12' | .21 | 3–12' | 4–11' | 3–12' .10 4–12' .22 | 3–12' | .81 4–11' .05 | 3–12' | .71 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 21.37 1–12' Accel 21.45 | 22.12 1–12' Decel | 1–12' Accel 22.36 | 23.25 1–12' Accel 23.37 | 23.86 1–11' Decel 1–11' Accel 23.96 24.05 | 24.19 1–12' Decel 24.24 | 24.31 1–12' Accel 24.38

(Right Side): .16 Decel .21 | 20.92 1–12' Accel 21.00 | 21.13 1–12' Decel 21.22 | 22.10 2–12' Accel | 22.22 22.27 2–12' Accel | 1–12' Accel 22.47 | 1–12' Accel 22.40 | 24.06 1–12' Accel 24.11 1–12' Decel | 24.40 1–12' Decel 24.47 | 24.58 1–12' Accel 24.70 | 2–12' Accel 24.74 24.81 | 1–12' Accel 24.93

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)
3 | 3 1 3 | 3 | 1 | 3 2 3 | 2 | 3 1 3 | 2 | 3 | 2 3 3 | 3 | 4 3 | 2 | 3 | 2 | 4 | 1 | 2 | 1 | 3 5 3 | 3 1 3 | 2 3 | 3
3 | 3 1 | 3 | 2 | 3 2 3 2 | 3 2 3 1 | 2 | 3 | 3 2 3 2 | 3 1 | 3 4 3 | 1 | 2 | 1 | 3 2 | 2 | 1 3 | 4 | 1 | 2 | 1 | 3 | 5 | 3 | 1 | 3 | 1 | 3 2 3 | 3

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

Curves: Degree of Curvature (Right and Left)

Zipper Lane/Express Lane

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Area and Development: Large Urbanized

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

Speed: 1–Design, 2–Posted: 50 MPH ② | 23.72 45 MPH ② | 24.03 45 MPH ② | 24.49 50 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

HPMS Section

AADT

DOD Sections: DOD 155 | 20.70 | DOD 160 | 21.59 | DOD 165 | 22.80 | DOD 170 | 24.19 | DOD 175

Census Tracts

Functional Classification: Interstate

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits
- IR–H1–1(198)(R.) 1986 | 21.41 ← 21.46 → I–H1–1(60):23 Resurf, 1979 | 24.71
- IR–H1–1(153):19, Resurf, 1979 | 21.64 | I–H1–1(31):21, Unit 1, 1969 | 22.32 | 24.32 | IR–H1–1(184) Safety Imprv., 1985
- H1–H1–01–71, Resurf, 1971 | 21.62 | I–H1–1(31):21, U2, 1969 | 22.97
- I–H1–1(34):20, 1966 | 21.10 | I–H1–1(24):21, 1966 | 21.42 | I–H1–1(27):21, 1967 | 22.87 | U–59(6), Unit 2 1955 | F–59(4), Unit 1, 1954 | 23.85 | U–59(3), 1954 | 24.45 | I–H1–1(5):24, U–2, 1967 | 24.85 | I–H1–1(4):24, 1965

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

Date Released	
November 2000	
Revised	
May 02	D.B.
Aug 04	D.B.
6/06	D.B.
3/07	D.B.

ROAD INVENTORY

OAHU RTE H–1

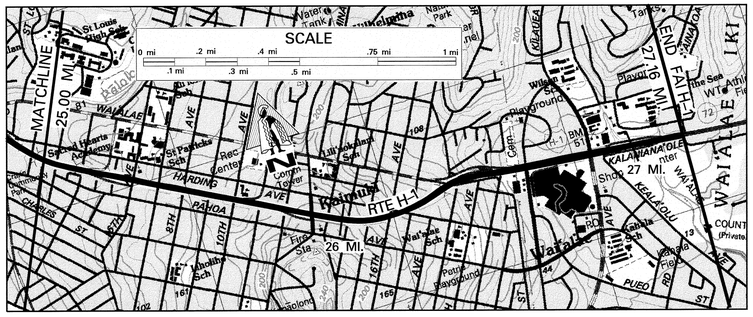
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	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′ | 25.55 | Slab 1964 | 25.90 | Slab 1966 | 26.16 | CBG 1967 | 26.20 | P/CB 1968 | 26.38 | CBG 1967 | 26.50 | PCTB 1969 2161′ | Slab 1968 55′ | 26.86 | P/CB 1969 49′ | 27.09 | 27.16

Vertical Clearance

Horizontal Clearance: 99′ | 47′ | 99′ | 99′

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′ | 26.56 | 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. | 25.57 | Stone Wall 20' from E.P. | 26.43 | (Wall 20' from E.P.) | 26.39 | (Stone Wall 15' from E.P.) | (Wall 20' from E.P.) | 27.03

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

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

Project No., Type of Construction, and Year Constructed: IR–H1–1(184), Safety Imprv., 1985 | 25.90 | IR–H1–1(197), Safety Imprv., 1986 | 26.56 | IR–H1–1(184), Safety Imprv., 1985

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

Continued From Sheet #5

On–Ramp from 8th Ave. (L) Pedestrian O.P. 25.11 mi. | Off–Ramp to 6th Ave. (R) 25.13 mi. | 6th Ave O.P. 25.15 mi. | 7th Ave O.P. 25.30 mi. | 10th Ave U.P. 25.38 mi. | On–Ramp from 11th Ave. (L) 25.55 mi. | Off–Ramp to Koko Head Ave. (R) 25.65 mi. | EOB 25.73 mi. | 25MP | 25A | 25B | EOB 25.76 mi. | Koko Head Ave. O.P. 25.90 mi. | RTE H–1 | 16th Ave O.P. 26.16 mi. | Off–Ramp to Harding Ave. (R) 26.20 mi. | On–Ramp from Waialae Ave. (L) 26.24 mi. | Pedestrian O.P. 26.33 mi. | 26B | On–Ramp from Waialae Ave. (R) 26.38 mi. | 26.40 mi. | Beg Waialae Viaduct 26.50 mi. | Off–Ramp to Waialae Ave. (L) 26.57 mi. | 21st Ave. (L) 26.55 mi. | Hunakai St. 26.65 mi. | 27MP | 26.74 mi. | Kilauea Ave. 26.86 mi. | End Waialae Viaduct 26.93 mi. | Waialae–Niu Br. 26.98 mi. | Off–Ramp to Waialae Ave. 27.05 mi. | Kanakahi St. 27.14 mi. | 27.4 MP | 27.16 mi. | On–Ramp from Waialae Ave. 27.16 mi.

End RTE H–1 on Kalanianaole Hwy. at the West edge of Pav't. of Alinaloa Ave. (same as End RTE 72).

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Unpivided

Shoulder: Width and Type: 9′ PCC | 26.33 | 2′–6″ AC | 26.38 | 9′ PCC | 26.93 | 2′–6″ AC

Pavement: Width and Type: 60′ PCC | 25.13 | 48′ PCC | 25.65 | 36′ PCC | 36′ AC

Shoulder: Width and Type: 5′ PCC | 25.90 | 3′ PCC | 5′–10′ AC | 27.09 | 0″

Median: Width and Type: 2′ Concrete Barrier | Double Conc. Barrier w/ Rails–10″ Gap | Metal Guardrails | (4″ Raised AC)

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

Shoulder: Width and Type: 4′–6″ PCC | 26.89 | 8′ AC | 27.07 | 0″

Pavement: Width and Type: 48′ PCC | 25.73 | 36′ PCC | 36′ AC

Shoulder: Width and Type: 25.13 | 9′ PCC | 25.65 | 26.93 | 0′–6′ AC

Number of Traffic Lanes: 5–12′ | 4–12′ | 4–12′ | 3–12′ | 3–12′

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 25.75 | 1–12′ Accel | 26.40 | 1–12′ Accel | 26.98

(Right Side): 25.27 | 1–12′ Decel | 26.22 | 26.49 | 26.54 | 1–12′ Accel

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number — LEGEND: 2=conc. wall, 3=metal w/ metal rail, 4=conc w/ metal rail, 6=rock wall

LL 25.75 | 2 | 25.77 | 3 | 25.82 | 2 | 3 | 3 | 2 | 3 | 4 | 3 | 2 | 6 | 26.05 | 2 | 6 | 26.30 | 2 | 3 | 4 | 27.02

RR 3 | 25.14 | 3 | 25.22 | 25.26 | 25.27 | 25.28 | 25.29 | 25.30 | 25.31 | 25.32 | 25.33 | 25.34 | 25.35 | 25.36 | 25.37 | 25.38 | 25.39 | 25.40 | 25.41 | 25.42 | 25.43 | 25.44 | 25.45 | 25.46 | 25.47 | 25.48 | 25.49 | 25.50 | 25.51 | 25.52 | 25.53 | 25.54 | 25.55 | 25.56 | 25.57 | 25.58 | 25.59 | 25.60 | 25.61 | 25.62 | 25.63 | 25.64 | 25.65 | 25.66 | 25.67 | 25.68 | 25.69 | 25.70 | 25.71 | 25.72 | 25.73 | 25.74 | 25.75 | 25.76 | 25.77 | 25.78 | 25.79 | 25.80 | 25.81 | 25.82 | 25.83 | 25.84 | 25.85 | 25.86 | 25.87 | 25.88 | 25.89 | 25.90 | 25.91 | 25.92 | 25.93 | 25.94 | 25.95 | 25.96 | 25.97 | 25.98 | 25.99 | 26.00 | 26.01 | 26.02 | 26.03 | 26.04 | 26.05 | 26.06 | 26.07 | 26.08 | 26.09 | 26.10 | 26.11 | 26.12 | 26.13 | 26.14 | 26.15 | 26.16 | 26.17 | 26.18 | 26.19 | 26.20 | 26.21 | 26.22 | 26.23 | 26.24 | 26.25 | 26.26 | 26.27 | 26.28 | 26.29 | 26.30 | 26.31 | 26.32 | 26.33 | 26.34 | 26.35 | 26.36 | 26.37 | 26.38 | 26.39 | 26.40 | 26.41 | 26.42 | 26.43 | 26.44 | 26.45 | 26.46 | 26.47 | 26.48 | 26.49 | 26.50 | 26.51 | 26.52 | 26.53 | 26.54 | 26.55 | 26.56 | 26.57 | 26.58 | 26.59 | 26.60 | 26.61 | 26.62 | 26.63 | 26.64 | 26.65 | 26.66 | 26.67 | 26.68 | 26.69 | 26.70 | 26.71 | 26.72 | 26.73 | 26.74 | 26.75 | 26.76 | 26.77 | 26.78 | 26.79 | 26.80 | 26.81 | 26.82 | 26.83 | 26.84 | 26.85 | 26.86 | 26.87 | 26.88 | 26.89 | 26.90 | 26.91 | 26.92 | 26.93 | 26.94 | 26.95 | 26.96 | 26.97 | 26.98 | 26.99 | 27.00 | 27.01 | 27.02 | 27.03 | 27.04 | 27.05 | 27.06 | 27.07 | 27.08 | 27.09 | 27.10 | 27.11 | 27.12 | 27.13 | 27.14 | 27.15 | 27.16 | 3 | 2

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

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

Speed: 1–Design, 2–Posted: 45MPH ② | 50 MPH ② | 50 MPH ② | 35 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

HPMS Section

AADT

DOD Sections: DOD 175

Census Tracts

Functional Classification: Interstate

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits: IR–H1–1(184) Safety Imprv., 1985

I–H1–1(4):24, 1965 | 25.90 | I–H1–1(6):25, U–3, 1968 | I–H1–1(6):25, U–1, 1968 | 26.32 | 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.

ROAD INVENTORY

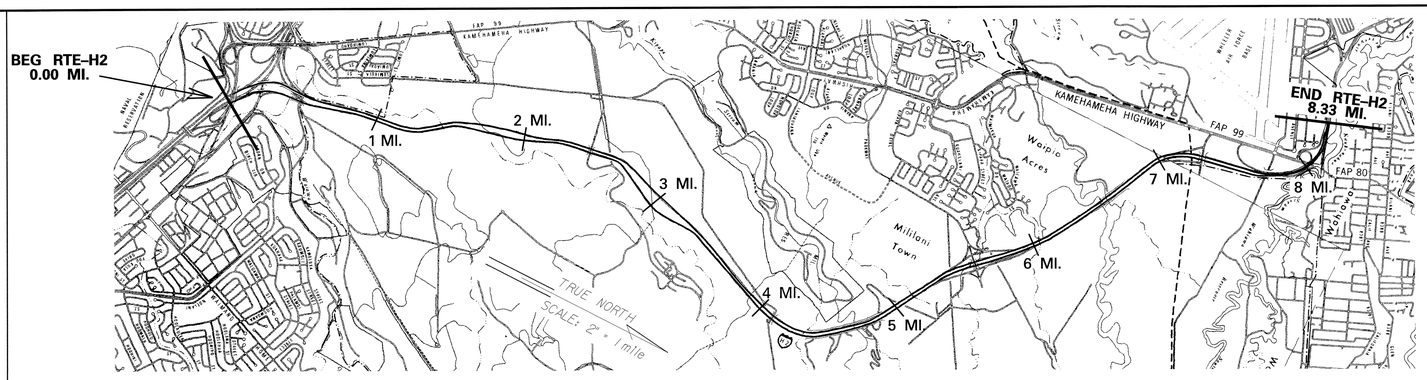
OAHU ROUTE H2

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	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

Structure Carrying Road — Vertical Clearance

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

Structure Carrying Road — Horizontal Clearance

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

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

FULL

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

STATE

[IM-H2-1(29), 1998, (On-Off Ramps)]

Project No., Type of Construction, and Year Constructed

IM-H1-1(224)(R), 1998 | IR-H2-1(27), Phase 2, HOV lanes, 1994

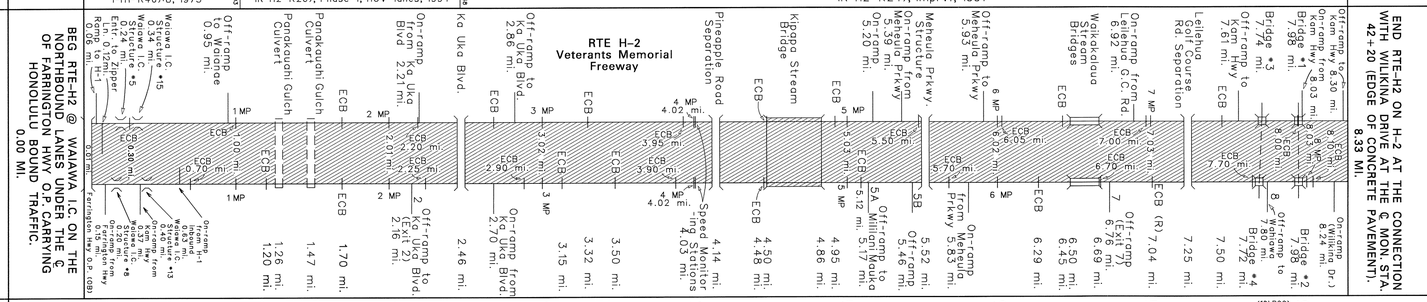
Project No., Type of Construction, and Year Constructed

I-H1-1(46):8, 1975 | IR-H2-1(26), Phase 1, HOV lanes, 1994 | IR-H2-1(24), Imprv., 1991

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type

3' AC | 4' PCC | 10' PCC | 10' AC | 10' PCC | 10' AC | 10' PCC | 10' AC | 10' AC | 24' PCC | 10' AC

Pavement: Width and Type

36' AC | 36' PCC | 50' PCC | 48' PCC | 44' PCC | 48' PCC | 50' PCC | 48' PCC | 44' PCC | 44' AC | 44' PCC | 53' PCC | 24' PCC

Shoulder: Width and Type

1' AC | 10' PCC | 6' - 12' AC | 6' PCC | 1' PC | 6' PCC | 10' PCC | 10' AC | 10' PCC | 2' AC | 10' PCC | 4' AC & 2' Gravel | 6' PCC | 4' AC | 4' AC | 4' AC | 10' AC | 0

Divided Highway — Median: Width and Type

Varies 12' - 300' Trees & Grass w/ M/M Guard Rail | 2' Conc Barrier w/GlareScreen | Varies 0' - 150' Raised Grass & Shrubs | 2' Conc Barrier w/GlareScreen | Varies 0' - 280' Raised Grass | 2' Conc Barrier w/GlareScreen | 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) | 32' Dirt w/6' AC Gutter | 15' Grass | 8' GRS

Chainlink Fence/ 16' AC
16' Grass

Divided Highway — Shoulder: Width and Type

4' AC | 9'AC | 15' AC | 1' PC | 6' PCC | 15' AC | 10' PCC | 2' AC | 10' PCC | 4' AC | 6' PCC | 4' AC | 4' AC | 10' AC | 0

Pavement: Width and Type

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

Shoulder: Width and Type

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

Number of Traffic Lanes

3-12' | 3-12', 1-14' HOV | 4-12' | 4-11' | 4-12' | 3-12', 1-14' HOV | 4-12' | 4-11' | 4-12' 5.15 | 3-12' | 2-12'

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

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

(Right Side)

12' Accel Lanes

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

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 Station

HPMS Section

AADT

DOD Sections

DOD 435 | DOD 440

Census Tracts

Functional Classification

INTERSTATE

National Highway System (NHS)

NHS

Previous Projects: Project No., Date and Limits

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 | I-H2-1(12):0 1975 | I-H2-1(9):4 KIPAPA BR. | I-H2-1(7):4, PH 1, 1976 | I-H2-1(8):6, PH 1 1976 | I-H2-1(11):7, PH 1 1976

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.

ROAD INVENTORY

OAHU RTE – H3

Note: H3 placed in service – DEC 1997

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

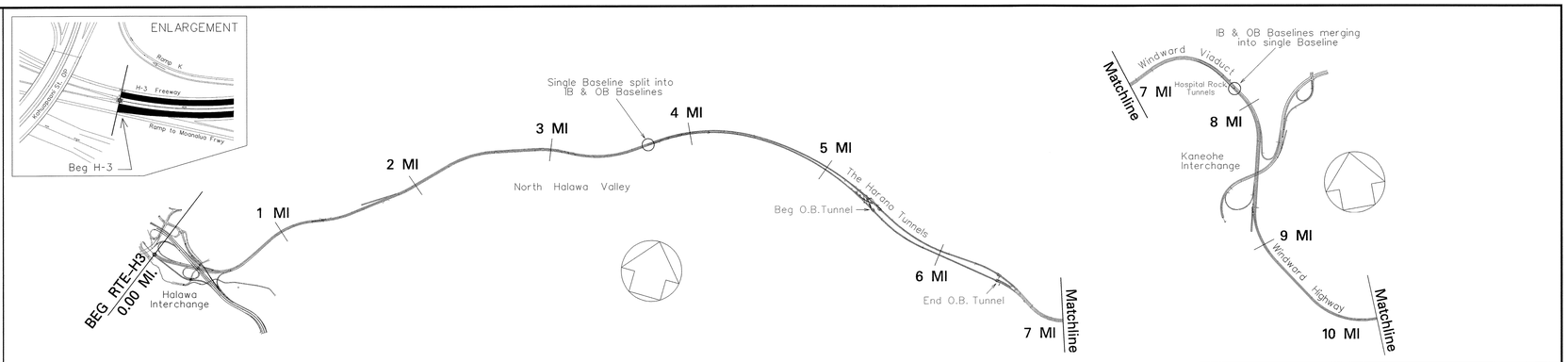
Total Route Length: 15.32 miles

a. Survey Length: 15.32 miles

b. Proposed Length: 0.00 miles

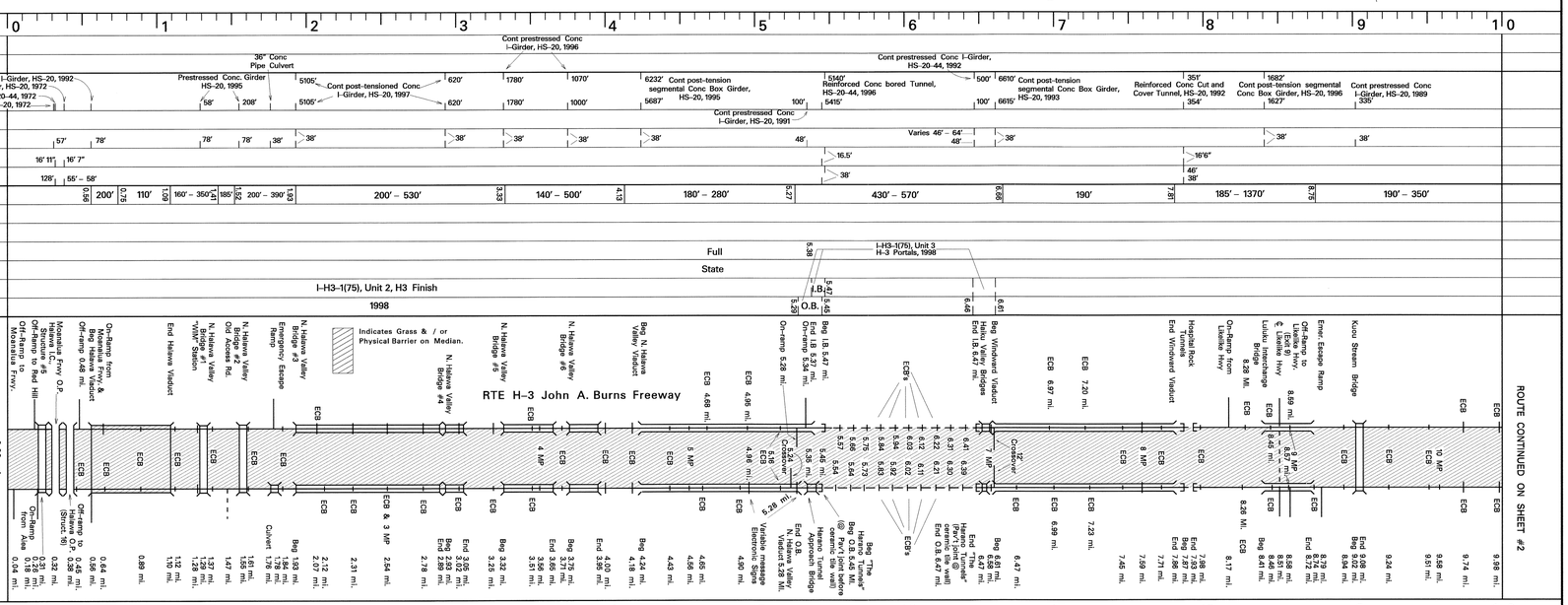
c. Other Length: * 0.00 miles

*

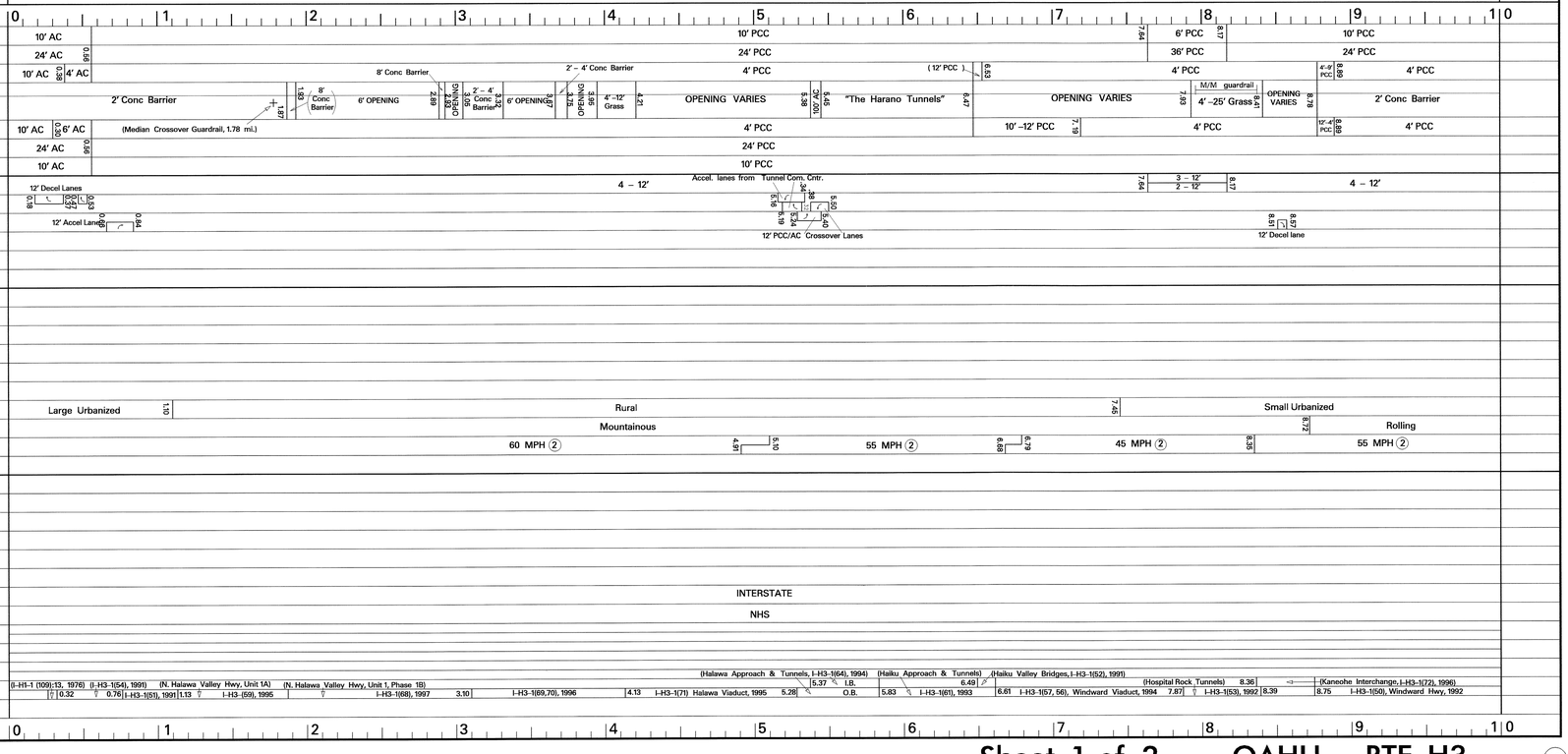


Road Diagram

* MP = Milepost Signage



Road Diagram



Date Released
Apr. 98, J.K.

Revised	
Feb. 99	*J.K.*
Mar. 04	*D.B.*
Aug. 04	*D.B.*
6/06	*D.B.*

ROAD INVENTORY

OAHU RTE – H3

Note: H3 placed in service – Dec 1997

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

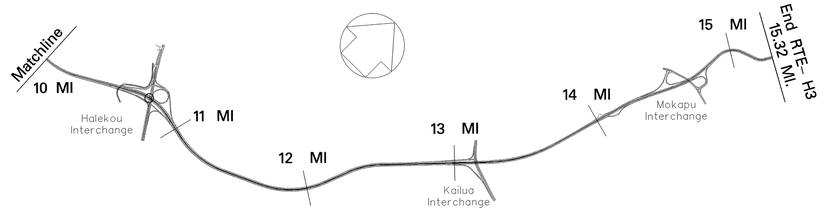
Total Route Length: 15.32 **miles**

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 Mokapu IC @ end of On-ramp to H-3 OB from Kaneohe Bay Drive.

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

205' Prestr. Cont. Conc. Girder, HS-20, 1977 | 147' Prestr. Cont. Conc. Girder, HS-20, 1977 | 169' Concrete Box, HS-20, 1971 | 7 Cont. Conc. Box Girder, HS-20, 1967 | 43' Culvert, HS-20, 1967

post-tensioned box Girder, HS-20, 1984 | ? | 210' | 144' 144' 147' | 172' | 151'

Vertical Clearance

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

Horizontal Clearance

Structure Over Road

Vertical Clearance

16' 6"

Horizontal Clearance

130'

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

Full

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

State

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

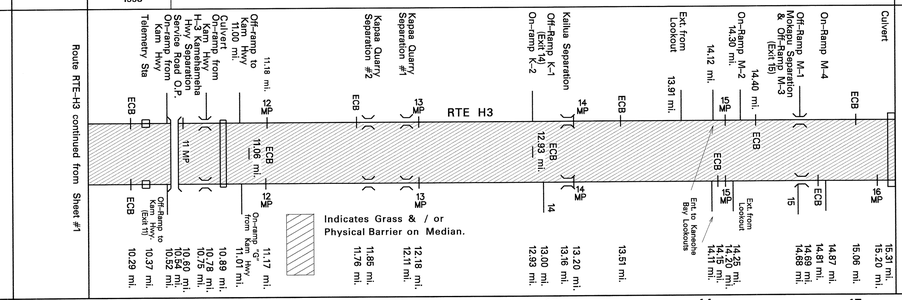
Project No., Type of Construction, and Year Constructed

I-H3-1(75), Unit 2, Finish 1998 | IM-H3-1(77), Resurf. 2000

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage



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'-10' PCC Taper | 4' PCC | 10' AC | 4' AC | 2' Conc Barrier | 9' AC

Median: Width and Type

2' Conc Barrier | 32' Grass w/ 6' Conc Gutter | M/M | 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

4 – 12'

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

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

(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

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

Rolling | Mountainous | Flat

Speed: 1–Design, 2–Posted

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

HPMS Section

AADT

DOD Sections

Census Tracts

Functional Classification

Interstate

National Highway System (NHS)

NHS

Previous Projects: Project No., Date and Limits

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

SCALE: (In Miles) 2" = 1 mile

Date Released
Apr. 98, J.K.
Revised
Feb. 99 *J.K.*
Mar. 04 *D.B.*
Aug. 04 *D.B.*
6/06 *D.B.*

ROAD INVENTORY

OAHU RTE H–201
MOANALUA FREEWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

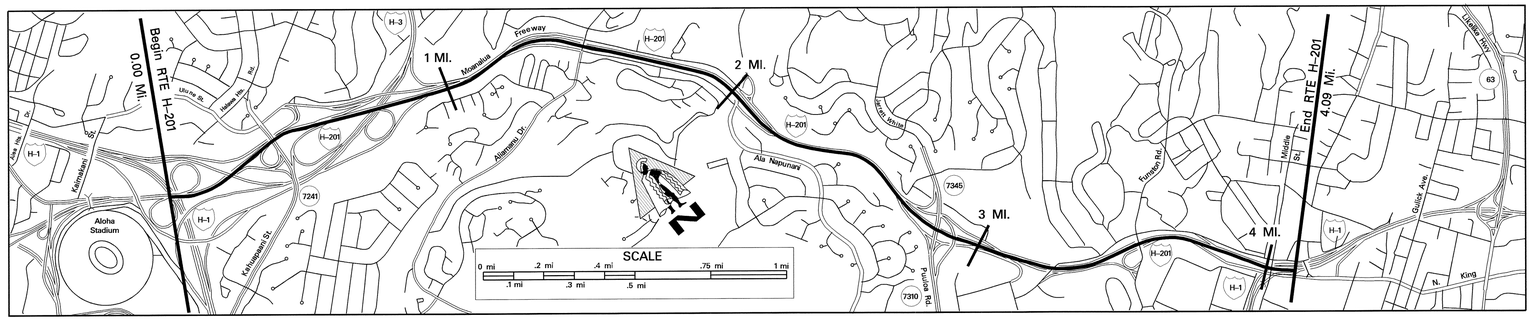
Total Route Length: 4.09 miles

a. Survey Length: 4.09 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

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

Structure Carrying Road

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

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

Vertical Clearance

P/S & RC Box Gdr 1974, HS 20 — 116'
118'
130'
28'
28'

Horizontal Clearance

19' 8"
17' 10"
17' 3" 16' 6"
18'
17' 7"
36', 36' 6" Inb. / 36', 38' Outb.
64'
68'
52' 40'
52'
33'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies — Estimated 200'+ | 230' – 550' | Estimated 200'+

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

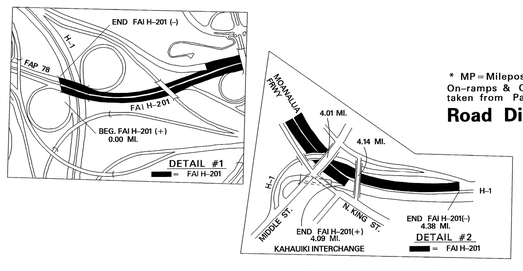
Right of Way Fence: Type – Right and Left — CL – 40' FP | 8' FP | CL – 15' FP | CL – 40' FP | 50' FP CL

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

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

Project No., Type of Construction, and Year Constructed — ← STA 0.00 | DPI–0203(1), Resurface 2005 | STA 12+35

Project No., Type of Construction, and Year Constructed — I–H3–1(75), Unit 2, 1998, H3 Finish | STP–H201(3) Frntg. Rds. Resurface 1999 | (7310A–01–88M (R) 1988) | I–H1–1(187)1985 Imprv. Outb. Lanes



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

Road Diagram

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

0.00 mi. — On–Ramp H–1 U.P. and HOV Express Ln. (See Detail #1)
0.07 mi. — Loops
0.12 mi. — H–3 Ramp O.P. & Begin HOV Express Ln.
0.23 mi. — Kahuapaani St. O.P. (FAU(S)7241) H–1 West Bound (See Detail #1)
0.26 mi. — On–Ramp
0.37 mi. — H–3 Ramp O.P. & H–2 South Bound
0.41 mi. — On–Ramp from H–3 North Bound & Halawa Hts. Rd.
0.52 mi. — On–Ramp from H–3 North Bound
0.59 mi. — End Bridge Rail #4" U.P.
0.73 mi. — Loops
0.74 mi. — Off–Ramp to H–3 North Bound & Halawa Hts. Str. Br. "Bridge #4" U.P.
0.77 mi. — On–Ramp from H–1 East Bound
0.81 mi. — Off–Ramp to Halawa Hts. Rd., Camp Smith & H–3
0.84 mi. — Off–Ramp to Halawa Hts. Rd. (Exit 2)
1.08 mi. — On–Ramp from Ala Kapuna Rd.
1.23 mi. — Ala Kapuna Rd. O.P.
1.31 mi. — On–Ramp from Ala Kapuna Rd.
1.50 mi. — Off–Ramp to Ala Kapuna Rd.
2.03 mi. — "Lakeside Loop" Ala Aolani U.P.
2.24 mi. — Off–Ramp to Valley & North Frontage Rd.
2.27 mi. — On–Ramp from Valley & S. Frontage Rd.
2.34 mi. — Off–Ramp to Pualoa Rd. (Rte7310 N.) (R)
2.82 mi. — Off–Ramp from Lakeside Loop & Street
2.85 mi. — On–Ramp from White Rd. (L) Off–Ramp to Pualoa Rd. (Rte7310 S.) (R) (Exit 3)
2.92 mi. — On–Ramp from Pualoa Rd. to Kaua St. & West Bound Ramp O.P.
3.14 mi. — Off–Ramp to Middle St. & King St.
3.18 mi. — On–Ramp from Pualoa Rd. to Kaua St. & Off–Ramp to Pualoa Rd. O.P.
3.27 mi. — Aloha St. O.P. & Off–Ramp to King St.
3.56 mi. — Ft. Shafter Sep. O.P.
3.69 mi. — Kahuhipa Bridge O.P. & Off–Ramp to Middle St.
3.85 mi. — On–Ramp from Middle St. & Eastbound Off–Ramp to Eastbound (Shafter Flats)
4.01 mi. — Off–Ramp to Middle St.
4.07 mi. — Structure A Middle St. Sep. O.P.
4.09 mi. — END RTE H–201 (–) DIRECTION AT THE SPLIT FROM H–1 OFF–RAMP

MOANALUA FREEWAY

MP 0 — 0.00 mi.
MP 1B — 0.12 mi.
MP 2 — 1.33 mi.
MP 3 — 2.34 mi.
MP 4 — +3.25 mi.
MP 4.09 mi.

Off–Ramp to Halawa Hts. Rd.
On–Ramp from Halawa Hts. Rd.
(Indicates Physical Barrier on Median.)

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type — 10' PCC | 10' AC | 8' AC | 6' AC | 10' AC | 8'–10' AC | 10' AC | 8' AC | 4' AC
Pavement: Width and Type — 24' PCC | 24' AC | 12' AC | 48' AC | 36' AC | 36' PCC | 36' AC | 48' AC | 36' AC | 48' AC | 36' AC | 31' AC
Shoulder: Width and Type — 12' PCC | 10'–12' AC | 12'–14' AC | 10'–12' AC | 8'–10' AC | 6'–8' AC | 4' AC

Median: Width and Type — 8' Twin Conc. Barrier with Dirt Fill & Shrubs | 2' Conc. Barrier | 8' Twin Conc. Barrier with Dirt Fill & Shrubs | 2' Conc. Barrier | (8' Twin Conc. Barriers with Dirt Fill & Shrubs) | 2' Conc. Barrier
Median Barriers: —— = Conc. Barriers

Divided

Shoulder: Width and Type — 8' PCC | 10'–12' AC | 12' PCC | 10'–12' AC | 8'–10' AC | 4'–6' AC | 6'–8' AC | 4' AC
Pavement: Width and Type — 24' PCC | 24' AC | 36' AC | 48' AC (48' AC PCC) | (36' PCC) AC | 48' AC | 36' AC | 48' AC | 36' AC | 31' AC
Shoulder: Width and Type — 8' PCC | 10' AC | 10' PCC | 10' AC | 6' AC | 10' AC | 8' AC | 10' AC | 2' AC

Number of Traffic Lanes — 2–12' | 3–12' | 4–12' | 3–12' | 4–12' | 3–12' | 2–10',1–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — (1–12' Accel) | (1–12' Accel, Decel) | (1–12' Accel) | (1–12' Decel) | (2–10',1–11')
(Right Side) — (1–12' Accel, Decel) | (1–12' Accel) | (2–12' Accel) | (1–12' Decel) | (1–12' Decel) | (1–12' Accel)

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) — (AC Gutter) | (4' Conc. Gutter) | (AC Gutter) | (AC Gutter) | AC Gutter | AC Gutter | (Conc. Curb & Gutter) | AC Gutter | (Conc. Barrier)

Protective Devices: Type, Location and Number — All Guardrails, Metal Rails on Metal Posts Unless Otherwise Noted. — (Conc. Barrier)

Illumination: Type, Location and Number — Sodium Vapor | Mercury Vapor

Curves: Degree of Curvature (Right and Left)

~~Superelevation (Range)~~ HOV Lane — Express HOV Lane, Morning 6:00-8:00 AM, Afternoon 3:30-6:00PM, Car Pools – 2 or more, Motorcycles O.K.

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Large Urbanized

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

HPMS Section

AADT

DOD Sections — DOD 225 | DOD 230 | DOD 235 | 66

Census Tracts — 75.03 | 75.01 | 75.02 | 67.02 | 67.01 | 68.01 | 68.03

Functional Classification — Interstate

National Highway System (NHS) — NHS

Previous Projects: Project No., Date and Limits — 78A–01–90M(R), Inb. Lanes, 1990 | 78A–01–91M, 1993, Resurface Outbound Lanes | IM–H201, 1995 Resurface | (IR–H1–1(214) Resurf, 1992) | F–FR–078–1(25) Resurf, 1985 | TQF–F–078–1(18) 1981 New Constr. | TQF–F–078–1(21) 1984 New Const. | (I–H1–1(178) Imprv., 1984) | F–FF–078–1(17), 1979 Eastbound Collector Rd. | (I–H1–1(29)18, 1964) | I–H1–1(88)13, 1971,75 | I–H1–1(89)13, 1971,74 | F–078–1(11) 1973 | F–078–1(7) 1973, 1975 | F–078–1(10) 1971, 1975 | S–0720(01), Unit 2 1958 | US–6–0720(3) | BU–072–1(2), 1960 | Unit3, 1960

SCALE: (In Miles) 4" = 1 mile

Date Released
Feb 2004, D.B.
Revised
Aug. 04 D.B.
6/06 D.B.

Sheet 1 of 1 OAHU RTE H–201

(12)

ROAD INVENTORY

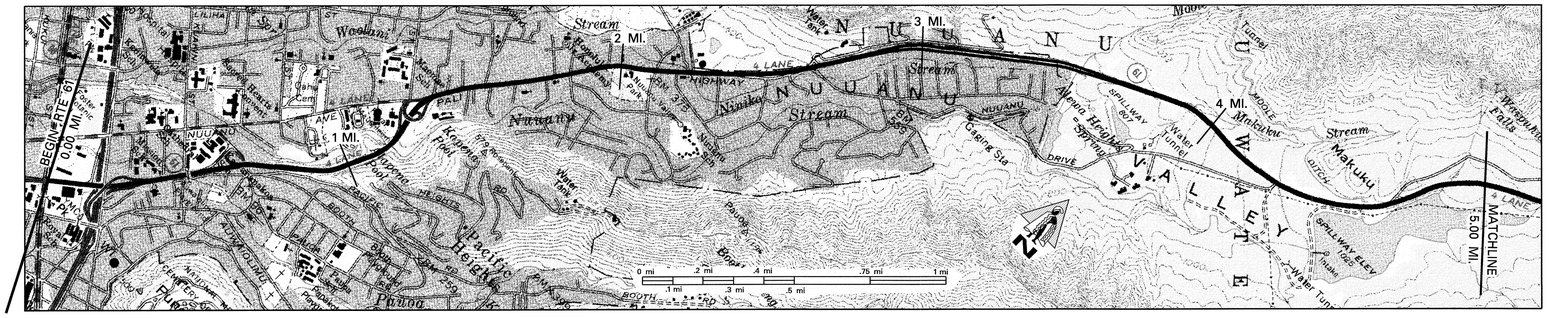
OAHU RTE 61
PALI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	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 A (5.69 mi.)

Structure Carrying Road

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

① 137', CBG, HS–20, 1960 ⑤ 69', P/CB, HS–20, 1961
② 477', CBG, 1960 ⑥ 73', Slab, HS–20, 1962
③ 27', Culv., H–20, 1961 ⑦ 94', CBG, HS–20, 1962
④ 27', CF, Pedest., 1961 ⑧ Slab, 1961

Vertical Clearance

Horizontal Clearance

Structure and Road

Vertical Clearance

Horizontal Clearance

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

120′ | 120′–480′ | 120′ | 100′–330′ | 100′–285′ | 200′–650′

Available Right of Way Width (Needs Study)

Residential Area | Trees and Bushes

Right of Way Fence: Type – Right and Left

Chainlink 8' from Pvmt. | Stonewall 10' from Pvmt. | Stonewall 10' from Pvmt. | Stonewall (Stonewall) 20' from Pvmt. (Chain Link) | Chainlink 20'–40' from Pvmt. | Chainlink 20'–40' from Pvmt.

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

Partial

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

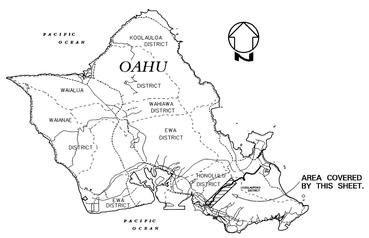
State

Project No., Type of Construction, and Year Constructed

61A–01–01 Safety Imprv. 2003

Project No., Type of Construction, and Year Constructed

STP–061–1(30), Resurf. 1994 | STP–064–1(34) Imp. 2001 | 61A–01–97M, (R) 1999 | (61B–01–98, 2000) | 61A–01–97M, (R) 1999



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 61 ON PALI HWY. AT THE NORTHEAST EDGE OF PAVEMENT OF VINEYARD BOULEVARD. (RTE 98)

PALI HIGHWAY

Sta H1-21A 0.13mi. | Sta 331 0.43 mi. | Punchbowl St. O.P. | Ramp to Pali Hwy. | Ramp to H-1 & Pali Hwy. | Ramp to H-1 & Nimitz Hwy. | Off-Ramp from H-1 & Nimitz Hwy. | Off-Ramp to H-1 & Nimitz Hwy. | Sta H1-21F 0.30 mi. | Sta H1-21G 0.32 mi. | Punchbowl St. Bridge | Kukui St. Bridge | Kuwili St. O.P. | Sta 61-2C 0.51 mi. | Sta 61-2A 0.48 mi. | Booth Rd. | Pauoa Rd. O.P. | Pauoa Rd. U.P. | Pauoa Rd. | Sta 61-2B 0.80 mi. | On-Ramp from Pauoa Rd. | Lookout | Lookout Partial Br. | Off-Ramp to Pauoa E.C. | On-Ramp from Nuuanu Br. | Sta 332 1.12 mi. | Off-Ramp from Wyllie St. | Wyllie St. O.P. | Nuuanu Ave. O.P. | Sta 61-3D 1.33 mi. | Sta 61-3C 1.33 mi. | Sta 61-3B 1.33 mi. | Coelho Way | Nuuanu Ave. | Niolopa Pl. | Jack Ln. | Akamu Pl. | Sta 340 1.55 mi. | Manawai Pl. | Ahi Pl. | Laimi Rd. | Ahipuu St. | Road (R) | Ent. to School | Country Club Rd. | Puiwa Rd. | Sta 321A 2.22 mi. | Puilehua Way | Dowsett Ave. | Hinalo Pl. | Wood St. | Homelani Pl. | Dowsett Ave. | Old Pali Hwy. | Nuuanu Pali Dr. | Waokanaka St. | Culvert | ECB (Med.) | ECB (R) | Old Pali Rd. | ECB (L)

0 MP | 1 MP | 2 MP | 3 MP | 4 MP

0.00 mi. | 0.08 mi. | 0.30 mi. | 0.32 mi. | 0.43 mi. | 0.48 mi. | 0.51 mi. | 0.60 mi. | 0.61 mi. | 0.64 mi. | 0.80 mi. | 0.84 mi. | 0.90 mi. | 1.00 mi. | 1.06 mi. | 1.12 mi. | 1.15 mi. | 1.24 mi. | 1.28 mi. | 1.33 mi. | 1.37 mi. | 1.46 mi. | 1.55 mi. | 1.73 mi. | 1.82 mi. | 1.94 mi. | 2.02 mi. | 2.03 mi. | 2.10 mi. | 2.17 mi. | 2.21 mi. | 2.26 mi. | 2.32 mi. | 2.37 mi. | 2.47 mi. | 2.57 mi. | 2.64 mi. | 3.05 mi. | 3.07 mi. | 3.51 mi. | 3.58 mi. | 4.04 mi. | 4.28 mi. | 4.58 mi. | 4.67 mi. | 4.71 mi. | 4.85 mi.

CONTINUED ON SHEET #2
5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

0′–2′ AC | 4′–6′ AC | 0′–2′ AC | (Taper 36′–32′) | (Rumble Strip) | 4′–6′ AC | 8′–10′ AC | 4′–6′ AC

Pavement: Width and Type

24′ AC | 36′ AC | 32′ AC | 24′ AC

Shoulder: Width and Type

0′–2′ AC | (4′ Raised AC w/ Curb) | (2′–15′ Raised Grs. With Curb) | 6′ AC | 1′–2′ AC | 3′ AC

Median: Width and Type

12′–24′ Raised Grass w/ Curb | 4′ Raised AC w/ Curb | 8′–24′ Raised Grass w/ Curb | (6′–12′ Raised Grs. With Curb) | (2′4″ Conc. Sidew/ Curb) | (3′ Raised Conc. w/ Curb) | 4′ Barrier | 10′–38′ Grass | 4′ Barrier

Median Barriers: Legend: ——— =Conc. Barrier ⊢⊣ =M/M Guard Rail ×—×—× =Chain Link Fence

Raised Median except where otherwise indicated.

Shoulder: Width and Type

1′–2′ AC | 9′ AC | 2′ AC | 0′ | 2′–4′ AC

Pavement: Width and Type

36′ AC | 24′ AC | 36′ AC | 32′ AC | 33′ AC | 22′ AC, 10′ PCC | 32′ AC | 24′ AC

Shoulder: Width and Type

0′–2′ AC | 10′ AC | 0′–2′ AC | 6′–8′ AC | 0′–2′ AC | 0′–2′ PCC | 8′–10′ AC | 0′–2′ AC | 8′–10′ AC | 2′–4′ AC

Number of Traffic Lanes

3-12′ | 2-12′ | 3-12′ | 2-11′, 1-10′ | 3-11′ | 2-11′ (L), 1-10′ (R) | 2-12′ | 4-12′

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

10′ T.L. | 10′ Decel. Ln.

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

5′ Conc. | 6′ Conc. S.W. | 6′ P.C.C. | (4′ B.P. S.W.) | 6′ P.C.C. | 3′ Grass | 2′ AC | 6′ Conc. | AC & Conc. Curb

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

Conc. Curb, AC Gutter | Conc. Curb, AC Gutter | Conc. Curb AC Gutter | Conc. Gutter & Curb | Conc. Curb

Protective Devices: Type, Location and Number

All Metal Rails on Metal Posts unless otherwise noted.
MCB=Metal on top of Concrete Barrier. RW=Rock Wall. CB=Concrete Barrier

MCB | RW | MCB | CB

Illumination: Type, Location and Number

MV | 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 (Honolulu)

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

Rolling

Speed: 1–Design, 2–Posted

25 MPH (2) Not Posted | 35 MPH (2) | 25 MPH (2) | 35 MPH (2) | 45 MPH (2) | 45 MPH (Left Ln. Min. 40 MPH) (2)

Intersection Control Devices: Type, Location and Cycle Timing

3 Phase | 3 Phase | 3 Phase | 3 Phase

Traffic Station

B72 0061 00009 | B72 0061 00011 | B72 0061 00018 | B72 0061 00030 | B72 0061 00055 | B72 0061 00080 | B72 0061 00133 | B72 0061 00146 | B72 0061 00196 | B72 0061 00210 | B72 0061 00264 | B72 0061 00272 | B72 0061 00287 | B72 0061 00362 | B72 0061 00434 | B72 0061 00450 | B72 0061 00467

HPMS Section

0.08 | 0.16 | 0.30 | 0.37 | 0.61 | 0.97 | 1.41 | 1.94 | 2.10 | 2.29 | 2.72 | 4.27 | 3.52 | 4.65 | 4.24 | 4.67 | 4.67

AADT (Year 2005)

31,073 | 24,161 | 58,320 | 52,166 | 56,116 | 70,391 | 49,532 | 49,130 | 46,627 | 47,623 | 47,176

DOD Sections

Census Tracts

Functional Classification

Freeway & Expressway (Other) | Freeway & Expressway (Conn. Link)

National Highway System (NHS)

NHS

Previous Projects: Project No., Date and Limits

61A–01–97M, (R) 1999 | STP–061–1(31), Sidewalk 1996 | NH–061–1(28), Street Lights, 1994 | F–061–1(23), Improv., 1989 | STP–061–1(30) Resurface 1994 | 61ABC–01–90M (R) 1991 | 61B–01–81M (R) 1982 | 61BD–01–82M (R) 1983 | 61B–01–85M (R) 1985 | FR–061–1(24),1981 (R) | 61B–01–68 1968 | BF–BU–061–1(2), 1957 | U–061–1(4), 1959 | U7–0610(2), 1957 | U 33 (2), 1955,56 | BU–061–1(6) Unit 4, 1958,60 | BU–061–1(7) Unit 5, 1960,62 | U–061–1(4), 1957 | U–061–1(4), 1956

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct. 2002, D.B.
Revised
Mar. 03 D.B.
Aug. 04 D.B.
6/06 D.B.

ROAD INVENTORY

OAHU RTE 61

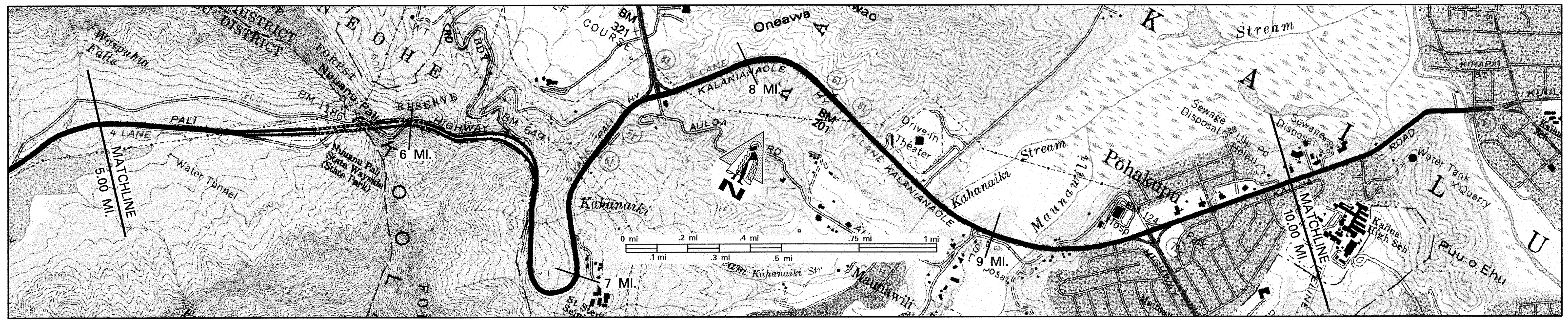
PALI HWY. – KALANIANAOLE HWY. – KAILUA RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

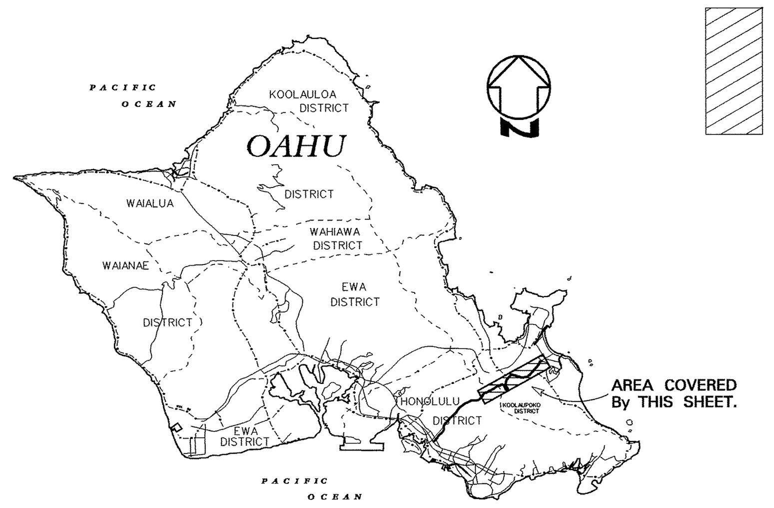
Total Designated Route Length:	10.60	MILES (a+b)
a. Existing Length:	10.60	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	10.60	MILES (a+b, less c)
a. Existing Length:	10.60	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



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

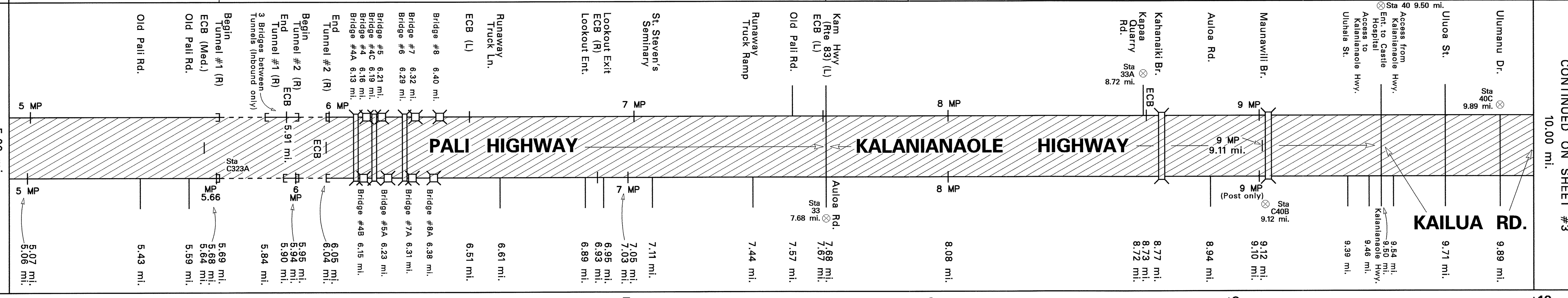
Item	Entries (by milepoint)
Maintenance Control Sections: Length and Description	61 A (5.69 mi.); Beg. 61 B at Beg. of Tunnel 5.69; 61 B (0.35 mi.); 6.04 End 61 B at End of Tunnel #2; 61 C (3.46 mi.); End 61 C – Beg. 61 D at the Centerline Inter. of Kalanianaole Hwy. and Kailua Rd. 9.50; 61 D (1.10 mi.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	⑨ OTH, Tunnel, 1957; ⑩ OTH, Tunnel, 1959; ⑪ TBM, HS-20, 1956; ⑫ TBM, HS-20, 1956; ⑬ TBM, HS-20, 1956; ⑭ OTH, Tunnel, 1957; ⑮ OTH, Tunnel, 1961; .69 ⑨ 1000', ⑩ 1080'; .95 ⑭ 500', ⑮ 497'; ⑪⑫⑬ 40' 62' 113'; ⑯ (4A) 114' TBM, HS-20, 1961; ⑰ (4) 400', CBG, HS-20, 1956; ⑱ (4B) 131', CBG, HS-20, 1961; ⑲ (5) 330', CBG, HS-20, 1956; ⑳ (4C) 74', CF, HS-20, 1961; ㉑ (6) 194', Slab, HS-20, 1956; ㉒ (5A) 206', CBG, HS-20, 1961; ㉓ (7) 301', CBG, HS-20, 1956; ㉔ (7A) 129', CBG, HS-20, 1961; ㉕ (8) 373', TBM, HS-20, 1956; ㉖ (8A) 176', CBG, HS-20, 1961; TBM, H20, 1951 104'; TBM, H20, 1951 122'
Vertical Clearance	24'; 25'; 24'
Horizontal Clearance	32'; 31'
Structure Over Road – Vertical Clearance	16'; 16' 05"; 16' 03"; 16' 10"
Horizontal Clearance	24'; 24'; 24'; 24'
Right of Way Width (min.–max.) if varies	200' – 650' 5.79; 160' – 580' 6.14; 180' – 370' 6.56; 190' – 470' 7.65; 130' – 320' 9.54; 120' – 200'
Available Right of Way Width (Needs Study)	Trees and Bushes; 9.39 Residential
Right of Way Fence: Type – Right and Left	20'–40' from Pvmt. Chain Link 5.22; 6.26 Chain Link 5' from Pvmt. 6.31; 6.90 Stone Wall 5' from Pvmt. 6.95; Stone Wall 20'–30' from Pvmt. .37 9.46; Tile Wall 20' from Pvmt. .61 .70; Various .96
Control of Access: 1-None, 2-Partial, 3-Full	Partial
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State; (210+10.10); (306+00)
Project No., Type of Construction, and Year Constructed	7.69 61C-01-05M, Resurface, 2006; 9.50 STP-061-1(33), Shldr. 2000
Project No., Type of Construction, and Year Constructed	61A-01-97M, (R) 1999; 5.69 61ABC-01-90M, (R) 1991; 7.68; (61C-01-04M, 2004, Emergency Land slide Repair) 7.95; 61 CD-01-92M, (R) 1993



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage



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

Item	Entries (by milepoint)
Undivided – Shoulder: Width and Type (9.50 mi.– 10.60 mi. (5' Bike Lane Included In Shoulder Width))	4'–6' AC 5.69; 0' 6.04; 8' AC 6.08; 0' 6.44; 4'–6' AC 7.60; 0 7.89; 6'–8' AC 8.95; 8'–10' AC 9.40; 12' AC 9.52; 5'–10' AC 9.66; 16' AC 9.75; 12' AC 9.97; (7' AC)
Pavement: Width and Type	24' AC 6.10; 25' AC; 24' AC; 22' AC
Shoulder: Width and Type	3' AC; 0'–2' AC; (Tunnel) (36' Grass) 6.02; 6' AC; 0'–2' AC 7.71; 3'–6' AC 8.90; 2'–4' AC; 0'–2' AC
Divided – Median: Width and Type (Raised Median except where otherwise indicated.)	4' Barrier 5.41; 15'–28' Raised Grass w/ Curb 5.69; Tunnel 5.90 5.95 6.04; 14' Grass 6.45; 4' Barrier 9.50; 24' Grass
Median Barriers: Legend: —— =Conc. Barrier; ⊢—⊣ =M/M Guard Rail	5.41; .86 .92; .90 .95; .02 .05; .05 .09; .43 .46; 6.78 .01; .69 .72 9.48
Shoulder: Width and Type	2'–4' AC 5.69; 1'–2' AC 6.78; 4'–6' AC 7.03; 0'–2' AC 8.95; 4'–6' AC; 0'–2' AC
Pavement: Width and Type	24' AC 6.10; 25' AC 6.44; 24' AC 9.50; 22' AC
Shoulder: Width and Type (9.50 mi.– 10.60 mi. (5' Bike Lane Included In Shoulder Width))	2'–4' AC 5.69; 0' 6.04; 0'–6' AC 6.61; 4'–6' AC 7.30; 10'–12' AC 7.46; 6'–8' AC 8.20; 4'–6' AC 8.80; 10'–12' AC 9.13; 4'–6' AC 9.34; 0'–2' AC 9.54; 4'–5' AC
Number of Traffic Lanes	4–12' 6.10; 4–12.5' 6.44; 4–12'; 9.50 4–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) / (Right Side)	7.53; 2 –11' (L) T.Ls.; 7.68 12' T.L. 7.92; .72 10' T.Ls.; 7.65; 8.63 8.65 8.71 10' T.Ls. 8.76; 8.71; 8.85; 8.94 9.03; 8.94 9.00; 10' T.Ls. 9.34 .36 .39 .41 .44 9.45 9.46; .57 .60 U-Turn Only; .63 .65 .67 .71 9.64 9.71 9.74 .77 U-Turn Only .80 .83 10' T.Ls. .85 .89 .94 .95 .96
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	5.68 2' Conc. 6.42; 2' Conc. 6.05; 6.67 (4' Conc. Gutter); 7.54 7.65 7.69 (8' A.C. S.W.); 8.09; 8.44 8.46 8.49 8.57 8.67; 9.15 9.33 8' BP S.W. .46; .63 6' Conc. .72 .77 .85 (2' AC) (7.5' Conc.)
Curb and/or Gutter: Type (Right and Left)	5.41 5.51 Conc. C&G; Conc. Curb 6.43; Conc. Curb & 2' Conc. Gutter; 4' Conc. Gutter 6.89 7.00 7.10; 7.21 Conc. Gutter; (4' Conc. Gutter) 7.58; 7.72 6' Conc. Gutter 7.94; 8.06 2' Conc. Gutter; 4' Conc. Gutter; (2' Conc. Gutter); 8.93 9.01; AC Gutter; Conc. C&G 9.40; .28 Conc. Curb; .63 Conc. C&G .74 (6' Conc.); Conc. C&G
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier)	5.42; 5.64 CB; 5.85 CB 5.91; CB 5.95 6.02 .05; CB 6.65; CB; 6.71 CB 6.94; .04 CB; 7.24 7.34 7.39 7.46; 7.56 7.68; 7.73 7.93 7.95; .09 CB 8.18; .29 8.33 8.43 8.55; 9.29 9.33 9.49; 9.54 9.60 9.62 9.74 9.94
Illumination: Type, Location and Number	5.06 5.14 HPS Lamps 5.52; 5.69 5.90 6.04 (Tunnel Fxtr. Pendant MTD.); 6.63 6.88 7.43 7.64 7.68; HPS 8.08 8.20 8.22 8.27 8.32 8.48 8.56 8.63 8.72; 8.95 9.27; 9.50 40 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 (Honolulu) 5.84; Small Urbanized (Kaneohe/Kailua)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	Rolling 5.45; Mountainous 9.15; 9.38 Rolling
Speed: 1-Design, 2-Posted	45 MPH (2) .89; 45 MPH (Left Ln. Min. 40 MPH) (2); .60 (35 MPH (2)); 45 MPH (Left Ln. Min. 40 MPH) (2) 8.62; 45 MPH (2) 8.97; 45 MPH (2); 35 MPH (2) 9.57; 35 MPH (2); 45 MPH (Left Ln. Min. 40MPH) (2) .58; 35 MPH (2); 45 MPH (2); 35 MPH (2); 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	Stop Lights 7.68 .71 .72; Traffic Lights 8.72; 8.94 Traffic Lights 9.33; 9.50 Stop Lights
Traffic Station	B72 0061 00467; B72 0061 00541; B72 0061 00569; B72 0061 00590; B72 0061 00604; B72 0061 00644; B72 0061 00678; B72 0061 00768; B72 0061 00809; B72 0061 00872; B72 0061 00950
HPMS Section	5.15; 5.55; 5.69; 5.90; 6.04; 6.44; 6.78; 8.09; 8.43; 9.05
AADT (Year 2005)	47,176; 5.41 47,240; 46,589; 7.68 43,383; 8.72 45,112; 9.50 32,070
DOD Sections	
Census Tracts	
Functional Classification	Freeway & Expressway (Conn. Link); 9.50 Principal Arterial
National Highway System (NHS)	NHS; None
Previous Projects: Project No., Date and Limits	5.69 61ABC-01-90M, (R) 1991 7.70; 61 CD-01-92M, (R) 1993
	(STP-061-1(27), Inter. Imprvt., 1993, 7.53mi. & 7.73 mi.) 7.53 7.73
	NH-061-1(28), Street Light Installments, 1994 .52 5.69; 61 BD-01-82M (R) 1983 7.68
	61 ABC-01-90M (R), 1991 .70
	61 BD-01-82M (R) 1983; 61 CD-01-92M, (R) 1993
	InBound, S-216 (5), 1954 6.03; InBound, S-0610 (1), 1955 .61; 7.68; 61 BC-01-77, (R) 1978
	S-216 (4), 1954 5.33 (78+38.62); OutBound, BF-061-1(5), 1957 155+40 119+97.98 .04; OutBound, BF-061-1(8), 1960 6.59 114+87.10 146+00.56 145+97.27; S-216 (3), 1951,53 202+24.70; F-15 (3), 1949; 9.53 S-230 (2), 1950 308+46

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

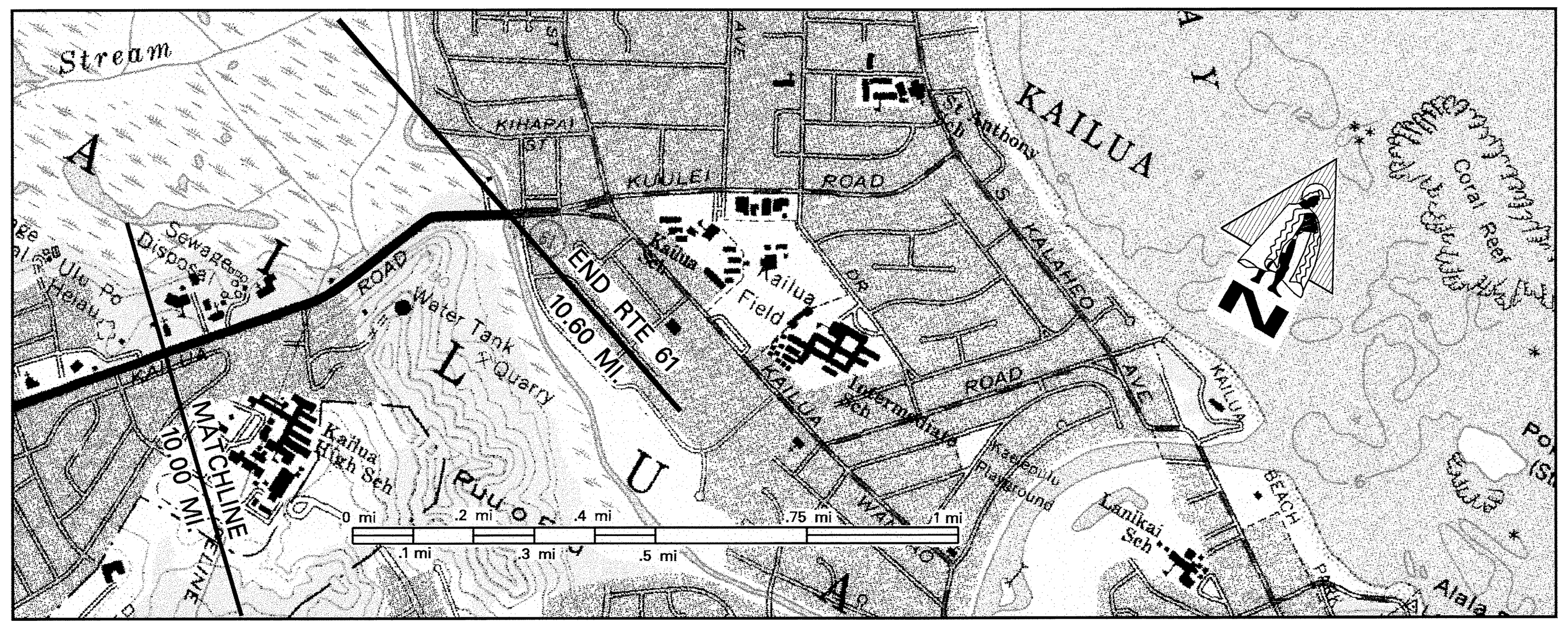
Date Released	
Oct. 2002, D.B.	
Revised	
Mar. 03	D.B.
Aug. 04	D.B.
6/06	D.B.
3/07	D.B.

ROAD INVENTORY

OAHU RTE 61
KAILUA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

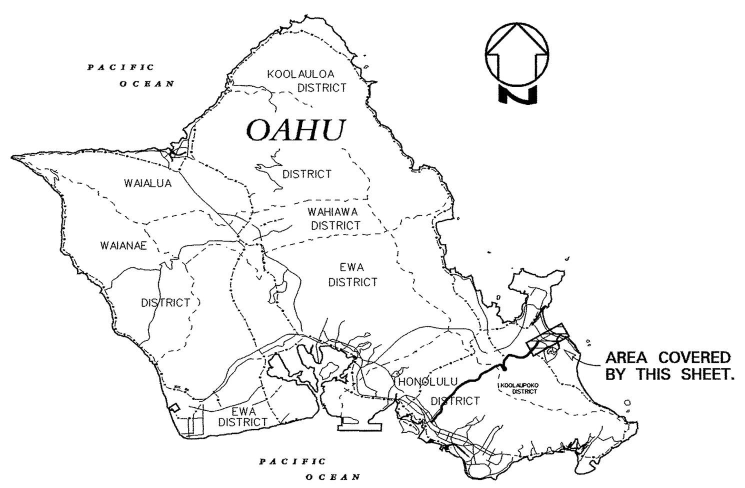


Total Designated Route Length:	10.60	MILES (a+b)
a. Existing Length:	10.60	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	10.60	MILES (a+b, less c)
a. Existing Length:	10.60	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. ________ FUNCTIONAL CLASSIFICATION ________

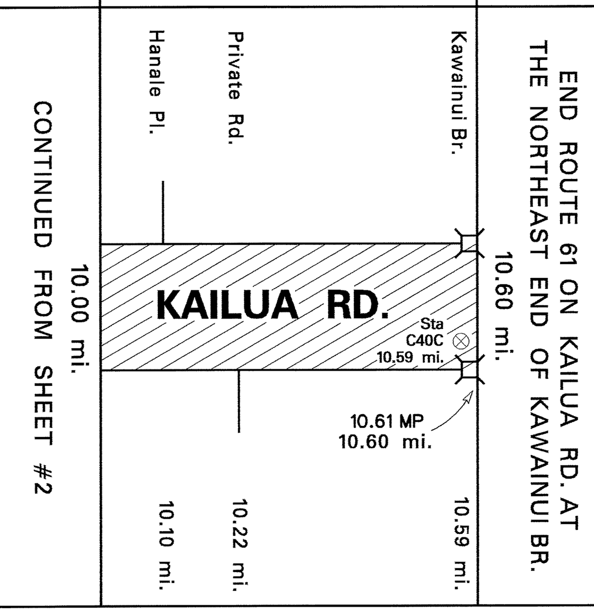
SCALE: (In Miles) 4" = 1 mile — 10 | 11 | 12 | 13 | 14 | 15

Item	10.00 – 10.60 mi.	Beyond 10.60
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'	
Structure Carrying Road — Vertical Clearance		
Structure Carrying Road — Horizontal Clearance	25'; 25'	
Structure Over Road — Vertical Clearance		
Structure Over Road — Horizontal Clearance		
Right of Way Width (min.–max.) if varies	100'–200'	
Available Right of Way Width (Needs Study)	Residential	
Right of Way Fence: Type – Right and Left	Various; .10; 20' FP	
Control of Access: 1–None, 2–Partial, 3–Full	Partial	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	(344+95.74) State (362+02.47)	
Project No., Type of Construction, and Year Constructed	10.24 ◁— 10.56	(61D–01–06, Temporary Lanes for Landslide, 2006)
Project No., Type of Construction, and Year Constructed	STP–061–1(33), Shldr. Imprv. 2000	



Road Diagram

* MP=Milepost Signage



Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile — 10 | 11 | 12 | 13 | 14 | 15

Item	10.00 – 10.60 mi.	Beyond 10.60
Undivided — Shoulder: Width and Type 9.50 mi. – 10.60 mi. (5' Bike Lane Included In Shoulder Width).	7' AC; 10.07; 10' AC	
Undivided — Pavement: Width and Type	22' AC	
Undivided — Shoulder: Width and Type	0'–2' AC	
Divided Highway — Median: Width and Type	24' Raised Grass; 10.24; 2'–9' Raised Grass; 10.56	◁—(24' Raised Grass)
Divided Highway — Median Barriers:		
Divided Highway — Shoulder: Width and Type	0'–2' AC	
Divided Highway — Pavement: Width and Type	22' AC	
Divided Highway — Shoulder: Width and Type 9.50 mi. – 10.60 mi. (5' Bike Lane Included In Shoulder Width).	4'–5' AC; 10.24; 1.5' AC; 10.56	◁—(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; .36 U–Turn Only	
(Right Side)		
Frontage Road: No. of Lanes, and Width (Right and Left)	10.07	
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.	10.10; 10.14; 10.21; 10.49	
Illumination: Type, Location and Number	40 HPS (Continued)	
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:	Small Urbanized (Kaneohe/Kailua)	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling; 10.22; Rolling / Mountainous; 10.53	◁—(Rolling)
Speed: 1–Design, 2–Posted	35 MPH (2); 25 MPH (2)	◁—(Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing	10.42; 10.51	
Traffic Station	B72 0061 00950; B72 0061 01036	
HPMS Section	10.01; 10.51	
AADT (Year 2005)	32,070; 10.36; 30,068; 10.60	
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	
National Highway System (NHS)	None	
Previous Projects: Project No., Date and Limits		
	61 CD–01–92(M), 1993	
	61 BC–01–77(M), 1978 (R)	
	S–230 (2) 1950	

SCALE: (In Miles) 4" = 1 mile — 10 | 11 | 12 | 13 | 14 | 15

Date Released	
Oct. 2002, D.B.	
Revised	
Mar 03	D.B.
6/06	D.B.
3/07	D.B.

ROAD INVENTORY

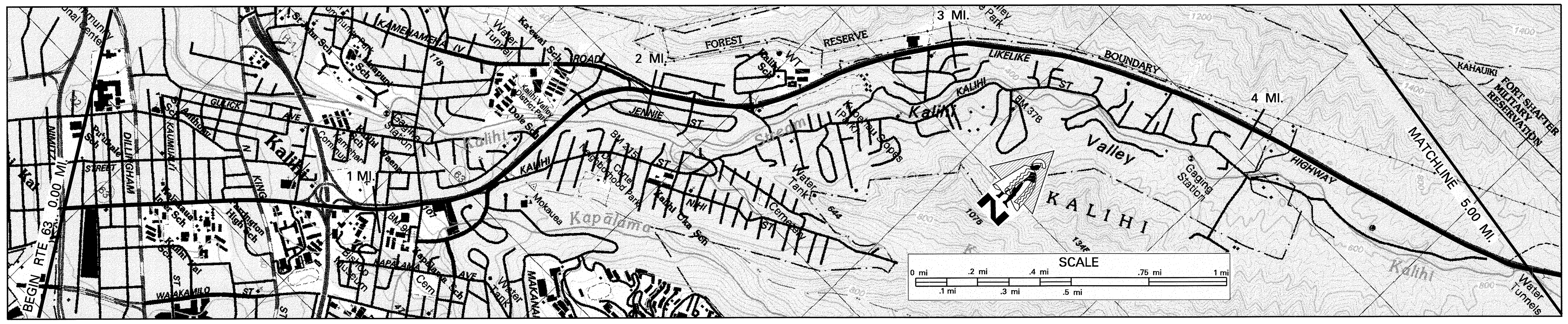
OAHU RTE 63
KALIHI ST. AND LIKELIKE HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

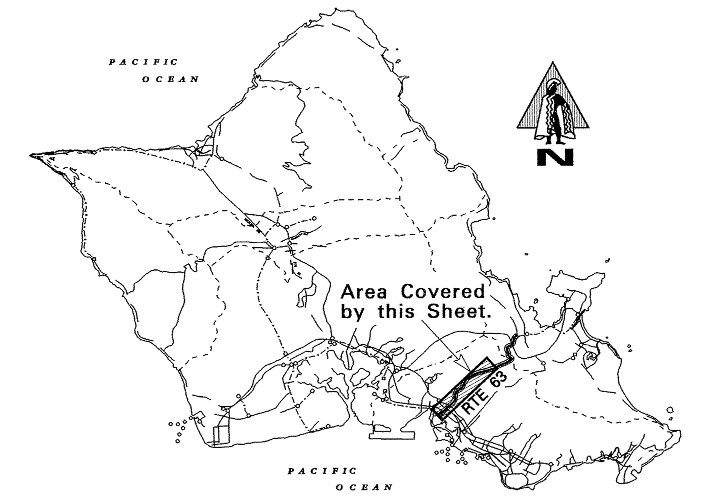
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 8.28 MILES
a. Survey Length: 8.28 MILES
b. Proposed Length: 0.00 MILES
c. Other Length: * 0.00 MILES
*



SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

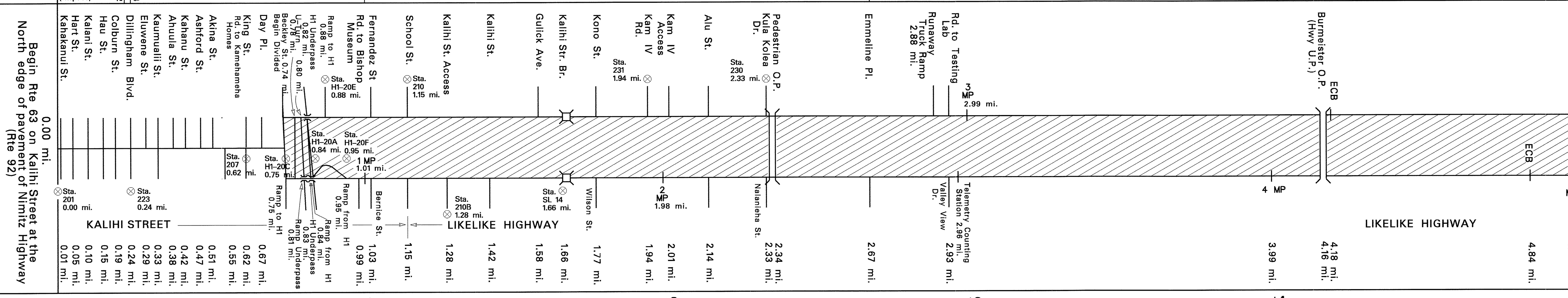
Item	Data (by milepoint)
Maintenance Control Sections: Length and Description	Begin 63A on Kalihi St. 9' North of E.P. of Nimitz Hwy; 63A (8.28 mi.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	42' Rdg Frame H-20, S16, 1960; 145'-150' Rdg. Frame H 20 S16 1960; 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' (to 1.12); 120' - 300' (1.12-3.80); 120' - 400'
Available Right of Way Width (Needs Study)	Commercial / Residential (to 2.93); Mountainous (Banana Patches & Forest Reserve)
Right of Way Fence: Type - Right and Left (FP = From Pavement)	0.04-0.20 5' FP; 0.28-0.53 5' FP; 0.63-0.70 5' FP; 0.87-1.84 20' FP; 1.99-2.57 25'-50' FP; 0.24-0.63 8' FP; 0.70-0.76 5' FP; 1.00-1.14 8' FP; 1.16-1.29 10' FP; 1.51-2.11 8'-10' FP
Control of Access: 1-None, 2-Partial, 3-Full	None (0.24-0.83); Partial
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	(63A-01-86M (R) 1987); 2.67 CM-STP-063-1(21), Resurf., 2003
Project No., Type of Construction, and Year Constructed	63A-02-89 (Imprv.) 1992 0.22; 0.24 STP-063-1(20) (R) 1997; 1.01 NH-063-1(19) Resurf. 1997; 2.67 63A-01-86M (R) 1987; 4.01 63A-01-89M (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

Item	Data (by milepoint)
Undivided — Shoulder: Width and Type	0 (to 0.62); 0.71 2' AC; 2.64 2' AC / 4' Conc.; 3.80 2' AC; 4.05 4'-6' AC
Undivided — Pavement: Width and Type	36' AC; 0.19 40' AC; 0.54 44' AC; 40' AC; 32' AC; 0.74 12' AC; 0.85 36' AC; 1.28 48' AC; 1.42 33' AC; 2.38 22' AC; 2.52 24' AC
Undivided — Shoulder: Width and Type	0; 0.67 0; 2' AC; 1.97 4'-6' AC; 2.86 5' AC
Divided — Median: Width and Type	0.74 9'-42' Raised Grass with Curb; 0.98 24' Raised Grass w/ Curb; 1.15 12' Raised Grass with Curb; 1.79 4' Steel & Conc. Barriers; 2' Steel Barriers; 2' AC Curb; 3.00 2' Concrete Barriers
Median Barriers: —x—x—x—x- = Chain Link; ├──┤ = Guardrail; ▬ = 2' Concrete Barrier w/ Glare Screen	0.79-0.88; 1.64-1.73; w/o Glare Screen 2.34-2.52
Divided — Shoulder: Width and Type	(12' AC) 0.95; 1.01 (2' Conc. Gutter); 2' AC; 4'-6' AC; 2.67 5' AC
Divided — Pavement: Width and Type	14' AC; 24' AC; 0.96 36' AC; 1.28 24' AC
Divided — Shoulder: Width and Type	(1-14' 1-10'); 0 0.83 0.86; 1.01 .42 2' AC; 1.81 4'-6' AC; 2.27 2' AC / 2' Grass; 2.98 4'-6' AC; 4.01
Number of Traffic Lanes	2-10' / 2-8'; 0.19 4-10'; 0.54 2-10'; 2-10'; 1-12'; 1-12'; 1-14'; 0.85 3-12'; 2-12'; 3-12'; 1.28 4-12'; 3-11'; 2.38 2-11'; 2.52 2-12'; 2-12'; 4.01 2-11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) / (Right Side)	0.02; 10' 0.57 0.62 10' 0.68 0.74 12' 20' 12'; 0.83 0.86 (1-12') .95; 1.02 12' 1.15 12' 1.28; 1.42 10' 1.53 12' 1.58; 1.72 1.73 1.77 11' 1.82 10' 10'; 2.08 2.09 11' 2.14 2.20 2.25 2.28 2.33 10' 2.38 14' 10'; 2.85 2.93 2.99 11' TL
Frontage Road: No. of Lanes, and Width (Right and Left)	0.62 0.68 .70 0.76 0.81 0.87 0.96 1.03 1.15 1.19 1.29 1.33 1.43 1.94 1.99 2.30
Sidewalk: Width and Type (Right and Left)	10' Conc.; 6' Conc. S.W. 0.71; (6' Conc.); 4' Conc.; 6' Conc. S.W.; 6' B.P. S.W. 2.33; 10' Conc. S.W.; 4' Conc.; 4' Conc.; 3' B.P.; 6' B.P.
Curb and/or Gutter: Type (Right and Left) (M.C.C. = Mountable Concrete Curb)	2' Conc. C.&G.; Conc. Curb; (2' Conc. G.); Conc. Curb; 2.48 2.63 Conc. Gutter 3.06; 3.17 Conc. Gutter 3.44; 3.60 Conc. Gutter 3.87 M.C.C. 3.96; 4.06 M.C.C. 4.20; 4.47 M.C.C. 4.64; 4.85 M.C.C. 4.97; 2' Conc. C.&G.; Conc. Curb; 2' Conc. C.&G.; Conc. Curb; 1.71 1.82 AC Gutter 2.07; (2' Conc. G.) 2.59 (2' Conc. G.) 2.89 2.96; AC Gutter; 3.70 3.80 (Conc. G.); Conc. G.; 2.83 2.86 3.07 3.22 3.44 3.61 4.57 4.76 4.89 4.99
Protective Devices: Type, Location and Number (All Metal on Metal)	0.24 0.76 0.78 1.01 1.25 1.28 1.50 1.63 1.67 1.72 1.85 2.49
Illumination: Type, Location and Number	M.V.; 1.94 34 HPS 2.33 2.36 2.42 2.57 2.65 2.67 2.93; 148 HPS (to 5.35mi.) 3.66 3.69 3.73 3.76 3.83 3.90 3.92 4.05 4.10 4.12 4.50 4.53 4.59 4.64 4.65 4.73 4.87 4.98
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 (Honolulu)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	(1) Flat; 1.42 (2) Rolling
Speed: 1-Design, 2-Posted	25 MPH (2); 1.24 35 MPH (2); 2.96 45 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	2 Phase 0.10; 0.24 4 Phase; 2 Phase 0.62; 0.74 2 Phase; (B72 0063 00125); 2.14 3 Phase; 2.33 2 Phase
Traffic Station	B72 0063 00000; B72 0063 00024; B72 0063 00062; B72 0063 00074; B72 0063 00086; B72 0063 00098; B72 0063 00115; B72 0063 00131; B72 0063 00164; B72 0063 00179; B72 0063 00194; B72 0063 00233; B72 0063 00252; B72 0063 00286; B72 0063 00300
HPMS Section	0.07; 0.43; 0.70; 0.85; 0.89; 1.00; 1.22; 1.25; 1.64; 1.66; 1.85; 2.21; 2.52; 2.69; 3.00
AADT (Year 2005)	11,746; 0.24 14,534; 0.62 19,829; 11,672; 39,268; 0.98 55,741; 1.15 36,352; 1.31 32,646; 1.79 31,069; 1.94 31,076; 2.33 27,334; 2.86 29,216
	0.74; 0.86
DOD Sections	DOD 475; 0.88 DOD 480
Census Tracts	
Functional Classification	Minor Arterial; 0.63 Principal Arterial; 0.83 Freeway & Expressway (Connecting Link)
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	(63A-01-88 (Sidewalks) 1991) 0.26-0.57; 63A-01-86M (R) 1987 to 1.28; F-063-1(17) (Add Lanes) 1986 1.28-1.94; F-063-1(16) (Add Lanes) 1986 1.94-2.52; 63A-01-86M (R) 1987 2.52-4.01; 0.77 63A-01-76M (Resurface) 1976 to 2.57; 63A-03-76M (Resurface) 1976; 1.05 63A-02-68, 1970 1.33; 63A-01-67 (R), 1967 to 2.76; 63A-08-70 (Resurface) 1970 4.01; 63A-01-74, 1974 0.71; US-0630(2), 1958 1.12; US-S-0630(1), 1956 3.81; S-0630-(3), 1958

SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

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

ROAD INVENTORY

OAHU RTE 63
LIKELIKE HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

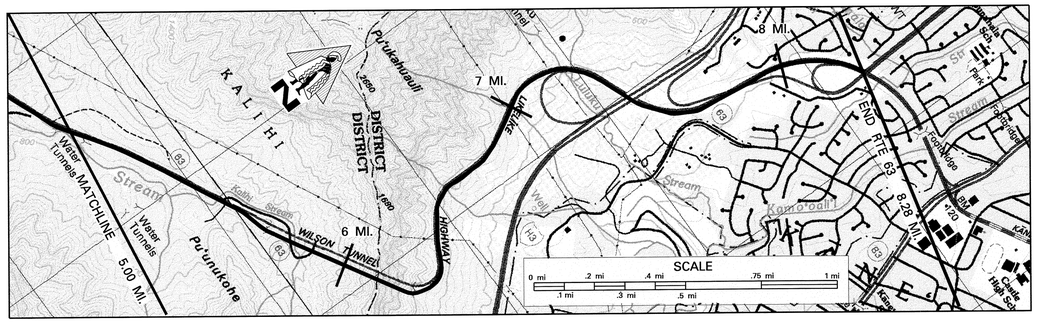
Total Route Length: 8.28 **MILES**

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 | 1958 2775' (S.B.) 1959 2813' (N.B.) Arch Mtn Tunnel

Vertical Clearance

131'

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' (5.35) | 160' (6.28) | 120' (7.33) | 150' – 180'

Available Right of Way Width (Needs Study)

Mountainous (Banana Patches & Forest Reserve) (7.52, 7.48, 7.98, 8.27)

Right of Way Fence: Type – Right and Left

(Chainlink) | Chainlink

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

Partial

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

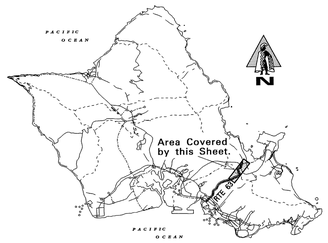
238+00 (5.68) | 2+40 (6.33) State

Project No., Type of Construction, and Year Constructed

STP-063-1(22), Wilson Tunnel Imp., 2006

Project No., Type of Construction, and Year Constructed

CM-STP-063-1(21), Resurf., 2003 (5.75) | 63A-01-89M, (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 1

5.00 mi.

5 MP | ECB | Rd. to Water Reserve | Begin Wilson Tunnel | Tunnel ECBs | End Wilson Tunnel | South Bound Lanes are 0.03 mi. Shorter | Paved Road | On-Ramp from H-3 | H-3 Overpasses | Off Ramp to H-3 | Off Ramp to Kahekili Hwy | Emergency Escape Ramp | On Ramp from Kahekili Hwy | 8.28 mi.

5.76 MP 5.74 mi. | 6.29 mi. 6.29 MP 6.28 mi. | LIKELIKE HIGHWAY | 7 MP

241+50 | 0+32

Tunnel ECBs: 5.82 mi. 5.87 mi. 5.92 mi. 5.86 mi. 6.01 mi. 6.05 mi. 6.09 mi. 6.14 mi. 6.18 mi. 6.23 mi.

Tunnel ECBs: 5.77 mi. 5.82 mi. 5.87 mi. 5.93 mi. 5.97 mi. 6.02 mi. 6.06 mi. 6.11 mi. 6.18 mi. 6.21 mi.

5.03 mi. 5.09 mi. | 5.57 mi. | 5.75 mi. | Lookout 6.29 mi. 6.28 mi. | 6.58 mi. | 6.93 mi. | 7.03 mi. 7.09 mi. | 7.24 mi. | 7.48 mi. 7.50 mi. | 7.72 mi. | 7.82 mi. 7.85 mi. | 7.98 mi. | 8.18 mi.

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

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 (5.58) | 0 | 2'–4' AC (6.92) | 4'–6' AC (7.33) | 8'–10' AC

Median: Width and Type

2' Concrete Barriers | 4'–40' Grass | Tunnels (20' Grass) (6.35) | 4' Concrete & Steel Barrier

Median Barriers: ⊢ = Guardrail ▬ = Concrete Barrier ●═ = Terminal Impact Attenuator

Shoulder: Width and Type

4'–6' AC (5.72) | 0 (6.28) | 2'–4' AC (6.99) | 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 (6.35) | 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' (7.23, 7.71) | 4–12' (7.82) | 2–12' 3–12' (8.18)

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) — MCC = Mountable Conc. Curb

MCC | AC Gutter | Conc. G. | Conc. Curb (6.28) | AC G. | (Conc.) | 7.85

Protective Devices: Type, Location and Number — Metal on Metal unless otherwise noted

Illumination: Type, Location and Number

from 2.93 mi. 148 HPS (5.35) | M.V. 7 S.V. (6.51) | Sodium Vapor (L) &(R) (7.48)

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 (Honolulu) (6.28) | Small Urbanized (Kaneohe/Kailua)

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

(2) Rolling (5.50) | (3) Mountainous (7.70) | (2) Rolling

Speed: 1–Design, 2–Posted

45 MPH (2) (5.55) | 35 MPH (2) (6.43) | 45 MPH (2) | Traffic Lights (7.78, 7.84)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

B72 0063 00300 | B72 0063 00575 | B72 0063 00628 | B72 0063 00700 | B72 0063 00724 | B72 0063 00818

5.72 | 5.75 | 6.28 | 7.00 | 7.24 | 8.18

HPMS Section

29,216 | 37,851 | 41,627 | 7.90 | 8.20 | 8.28

AADT (Year 2005)

DOD 480

DOD Sections

Census Tracts

Freeway & Expressway (Conn. Link)

Functional Classification

National Highway System (NHS)

63A-01-89M, (R) 1990

Previous Projects: Project No., Date and Limits

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) | 6.32 | 6.35 | 630A-03-68, 1968 | 7.30 | U.S.-3-0630(4), 1955

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.

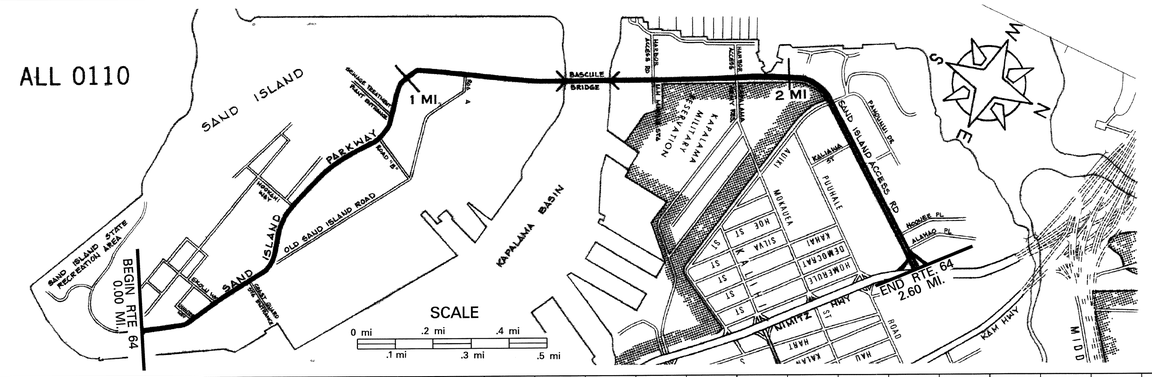
ROAD INVENTORY
OAHU RTE 64
SAND ISLAND PARKWAY & ACCESS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 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 and Road

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') | Chain Link 15'–20'
C.L. 8' | Chain Link 6' | Chain Link 8' | Chain Link 10' | Chain Link 4' | 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

STA 66+79.83 STA 52+98

Project No., Type of Construction, and Year Constructed

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. | Coast Guard Sta. Entrance 0.20 mi. | Ulupono St. 0.25 mi. | Makepono St. 0.43 mi. | Driveway 0.64 mi. | Driveway (L) Entrance to Matson Piers (R) Begin Divided Hwy 0.68 mi. | Driveway 0.74 mi. | Gate (#1) Piers 51B, 52, 53 0.82 mi. | Sewage Treatment Plant Ent. 0.87 mi. | Road "A" (Marine Ed. Cntr Boat launch) (Pier 51A) (L) Road (R) 1.10 mi. | Truck Off-load Area (Gated Rd.) Access to T.W.S. 1.23 mi. 1.21 mi. | Truck Weighting Station 1.28 mi. | Paved Road (R) Access from T.W.S. 1.36 mi. 1.32 mi. | Begin Bascule Bridge 1.40 mi. | End Bascule Bridge 1.53 mi. | Keehi Boat Harbor Access Rd. (L) Ent. to "One Sand Island Rd." (UH Marine Ctr.) (R) 1.64 mi. | Road #2 1.86 mi. | End Divided Hwy 1.96 mi. | Begin Divided Hwy & Paved Road 2.02 mi. | Pahounui Dr. (L) Aulii St. (R) 2.12 mi. | Kailawa St. 2.24 mi. | Pahounui Dr. 2.31 mi. | Hoonee Pl. 2.49 mi. | Spurs (L)&(R) Alahao Pl. 2.57 mi. 2.55 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

(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 | 0 | 28' Dirt (0'–6' Paint) | 0

Median: Width and Type

0'–12' Painted | 0'–22' Raised Grass, Conc. Curb & Gutter | 8' Raised w/ Conc Curb, 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 | 0 | 0 | 0

Pavement: Width and Type

12' AC | 26' AC | 24' AC | 24' PCC | 24' Steel | 24' PCC | 26' PCC | 26' AC | 24' AC | 36' AC | 36' PCC

Shoulder: Width and Type

0 | 2' AC | 0 | 2' PCC | 2' Steel | 2' PCC | 2' AC | 0 | 10'–15' Grs. | 15'–20' AC | 6' Bike Lane (AC)

Number of Traffic Lanes

2–12' | 1–12', 1–14' | 2–14' | 1–14', 1–12' | 2–12' | 1–12', 1–14' | 2–12' | 2–11' | 3–12'

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

8' Bike Lane | (1–11' T.L.) | (1–11' Accel. Lane) | (Truck Pullover Lane) | (1–12' T.L.) | 5' Bike Lane | 5' Bike Route | 6' Bike Lane

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

6' Conc. | 8' Conc. | 6' Conc. | (Conc. Curb)

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

2' Conc. Curb & Gutter | 4' AC | 10' AC | Conc. Curb | Conc. Curb | Conc. Curb | Conc. Curb

Protective Devices: Type, Location and Number Note: Metal Rails on Metal Posts Unless Otherwise Noted.

Conc. w/ Metal Rail

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

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 Station

B72 0064 00000 | B72 0064 00025 | B72 0064 00082 | B72 0064 00110 | B72 0064 00137 | B72 0064 00155 | B72 0064 00164 | B72 0064 00213

HPMS Section

0.17 | 0.55 | 0.99 | 1.29 | 1.53 | 1.55 | 1.93 | 2.33

AADT (Year 2005)

987 | 8,299 | 12,956 | 16,933 | 15,494 | 21,062 | 23,002

DOD Sections

DOD 280

Census Tracts

CT 57 | CT 57.99 | CT 59.99 | CT 59

Functional Classification

Principal Arterial (Other)

National Highway System (NHS)

None | NHS

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.

ROAD INVENTORY

OAHU RTE 65

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

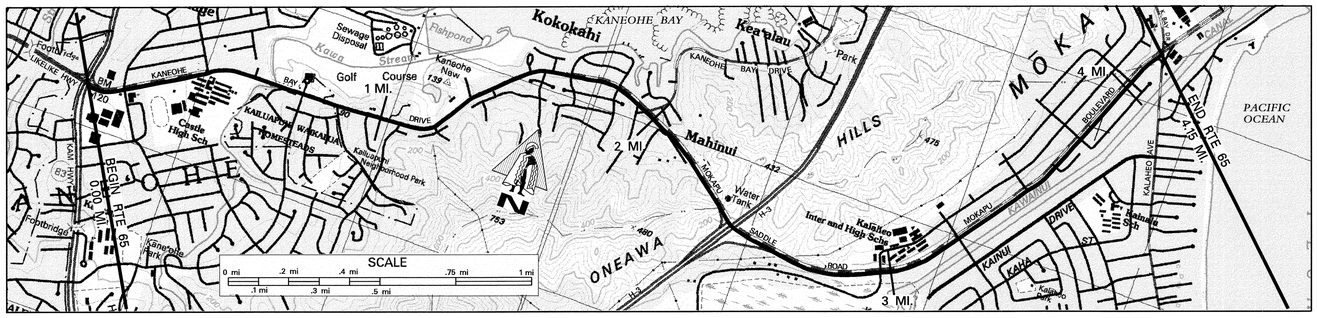
Total Route Length: 4.15 miles

a. Survey Length: 4.15 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

65A (1.98 mi.) — Beg. 65A – on Kaneohe Bay Dr. 62' NE of NE Edge of Pavement of Kam. Hwy.

65B (2.13 mi.) — End 65A – Begin 65B on Kaneohe Bay Drive at Nanamoana St. (East Spur).

End 65B Mokapu Blvd. 170' S.W. of S.W. Edge of Kalaheo Avenue.

Structure Carrying Road

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

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

23' | 42' | 169'

Vertical Clearance

Horizontal Clearance

39'

Structure AND Road

Vertical Clearance

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

Horizontal Clearance

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

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

100' – 155' | 145' – 420' | 110'

Available Right of Way Width (Needs Study)

Residential Area | Mountainous | Residential Area

Right of Way Fence: Type – Right and Left

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

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

Partial

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

State

Project No., Type of Construction, and Year Constructed

STA 20+00 | STA 35+27.70 | STP-065-1(9) Improve, 2005 | (65A-02-90, 1993 Inter. Impr.) (65A-03-90, 1993 Inter. Impr.) | 65B-01-01M Shldr., 2002 | (65A-01-90M,1991) | STP-065-1(7) 2000 | H3M-01-90M Resurf., 1992 | (STP-065-1(4) Traffic Light 1996)

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

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

Begin Rte 65 on Kaneohe Bay Drive at the Northeast edge of pavement of Kam Hwy (Rte 83). 0.00 mi.

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

Makalahi St. (L) | Aumoku St. (R) | Puohala St. Enter to Castle High School | Kaneohe Bay Dr. (L) Nanamoana St. Spur | Kahonani Pl. (R) | Kaneohe Bay Dr. (L) Nanamoana St. Spur | Ramp from N.B. H-3 | Ramp from H-3 S.B. | Ramp from H-3 N.B. | Kapaa Quarry Kalaheo High School (L) | Oneawa St. (R) | Iliahi St. (L) | Iliahi Pl. | Iliahi Lp. (R) Iliahi St. (L) | Iliahi Lp. (R) Iliahi St. (L) | End Rte 65 on Mokapu Blvd. at the Intersection of Kalaheo Ave (R) and Kaneohe Bay Dr. (L) 4.15 mi.

Indicates Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Undivided Highway

Shoulder: Width and Type

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

Pavement: Width and Type

24' AC | 12' AC | 12' AC | 24' AC | 11' AC | 12' AC | 24' AC | 30' AC

Shoulder: Width and Type

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

Divided Highway

Median: Width and Type

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

Median Barriers: ⊢⊣ = Guardrail ━━ = Conc. Barrier

Shoulder: Width and Type

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

Pavement: Width and Type

24' AC | 12' AC | 12' AC | 12' AC | 11' AC | 24' AC | 30' AC

Shoulder: Width and Type

0' | 8'–10' AC | 4' AC/ 4' Grs. | 4' AC/ 4' Grs. | 10' AC | 0' | 10' AC | 0'

Number of Traffic Lanes

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

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

10' Conc. Curb Lanes | 11' AC TL's | 8' AC TL's | 10' AC T.L.'s | 12' AC T.L.'s | 10' AC T.L.'s

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

10' Conc. SW | 3' AC | 8' Conc. SW | 6' Conc. SW | 8' Conc.

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

8' Conc. Curb | 6' Curb | 8'-10' Conc. | Conc. C/G | Conc. Curb

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

Illumination: Type, Location and Number

17 HPS | Mercury Vapor | None | Mercury Vapor

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Small Urbanized

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

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

Speed: 1–Design, 2–Posted

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

Intersection Control Devices: Type, Location and Cycle Timing

3 Ph. | 3 Ph. | 3 Ph.

Traffic Station

B72 0065 00000 | B72 0065 00040) | B72 0065 00048 | B72 0065 00073 | B72 0065 00090 | B72 0065 00085) | B72 0065 00151) | B72 0065 00168) | B72 0065 00155 | B72 0065 00173 | B72 0065 00184 | B72 0065 00205) | B72 0065 00211 | B72 0065 00219 | B72 0065 00234 | B72 0065 00317) | B72 0065 00324

HPMS Section

0.25 | 0.44 | 0.62 | 0.79 | .87 | 1.35 | 1.52 | 1.63 | 1.73 | 1.75 | 1.88 | 2.04 | 2.05 | 2.18 | 2.19 | 2.80 | 3.19 | 3.85

AADT (Year 2005)

27,811 | (22,216) | 21,836 | 21,627 | (19,516) | 19,268 | (19,747) | 19,586 | 19,320 | 19,446 | 16,018 | 16,231 | 23,507 | (24,812) | 9,958

DOD Sections

DOD 510 | DOD 515

Census Tracts

106.01 | 106.02 | 107.02 | 107.01 | 110 | 109.01

Functional Classification

Principal Arterial (Other)

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

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

Date Released
Dec. 2003, D.B.

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

ROAD INVENTORY

OAHU RTE 72
KALANIANAOLE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

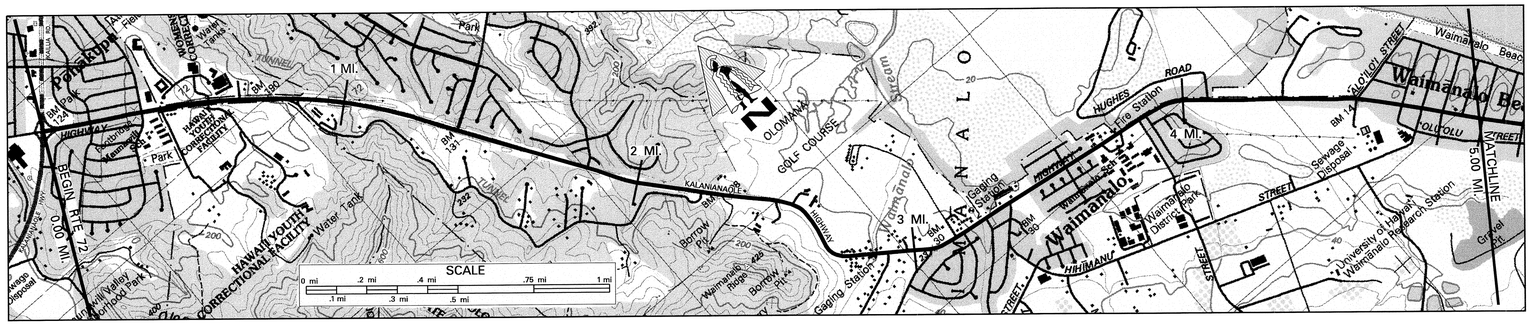
Total Route Length: 18.44 miles

a. Survey Length: 18.44 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

BEGIN 72 A 32' S.E. OF S.E. E.P. OF KAILUA ROAD

72 A (5.25 MI.)

Structure Carrying Road

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

PED. O.P. P/CB 1967 | 118' | 0.30

TEE BEAM 1924, H-10 | 53' 2.86 | 33' 3.33 | 23'

BOX CULVERT 1986, HS-20-44 | 16' 5.99 | 46'

Vertical Clearance

Horizontal Clearance

Structure and Pond

Vertical Clearance | 16'-7"

Horizontal Clearance | 42'

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

120'–340' | 1.32 | 120'–280' | 2.43 | 50'–170' | 2.85 | 50' | 4.58 | 100'

Available Right of Way Width (Needs Study)

RESIDENTIAL | 0.80 | 0.80 | TREES AND BUSHES & CUT SLOPES | TILE WALL 3.55 3.58 | 3.97 | TREES BUSHES AND PASTURE

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

WOOD ON ROCK WALL 23' F.P. 0.32 | C.L. 0.55 | WIRE ON WOOD 30' F.P. | C.L. 2.31 2.50 | 30' F.P. C.L. 2.58 2.66 | C.L. 3.42 3.55 | 3.58 3.71 | CL 3.84 3.85 | 3.95 | CHAIN LINK 4.08 4.14 | WOOD ON WOOD 4.55

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

PARTIAL | NONE

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

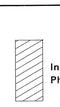
STATE

Project No., Type of Construction, and Year Constructed

(72 AB-01-88M RESURFACE 1988) 4.99

Project No., Type of Construction, and Year Constructed

72A-01-96M (R) 1997



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

SPUR 0.00 MI. | ULUPUNI ST. 0.15 MI. | PEDESTRIAN OVERPASS 0.30 MI. | ULUPUNI ST. 0.32 MI. | FIRE STATION ROAD 0.39 MI. | ACCESS RDS. TO GIRL'S HOME 0.42 MI. | ACCESS RD. TO BOY'S HOME 0.54 MI. | OLD KALANIANAOLE HWY 0.85 MI. | MP | 1.17 MI. | KALANIANAOLE HWY | KEOLU DRIVE 0.84 MI. | KANAPUU DR. 0.96 MI. | 2 MP | OLD KALANIANAOLE HWY 1.38 MI. | "NEW" OLOMANA GOLF LINKS & COUNTRY STABLES 1.82 MI. | END DIVIDED HWY 1.97 MI. | OLOMANA GOLF LINKS 2.21 MI. | FLAMINGO ST. 2.45 MI. | WAIMANALO BR. 2.58 MI. | KUMUHAU ST. 2.85 MI. | SADDLE CITY DR. 2.91 MI. | HUMUNIKI ST 3.05 MI. | KAHAWAI STR. BRIDGE 3.13 MI. | END DIVIDED HWY 3.16 MI. | POALIMA ST. 3.23 MI. | BEG. DIVIDED HWY 3.26 MI. | MEKIA ST. 3.30 MI. | END DIVIDED HWY 3.35 MI. | MOOLE ST. 3.40 MI. | WAIKALOA ST. 3.56 MI. | "WAIMANALO" PUBLIC SCHOOL 3.66 MI. | ENTRANCE 3.70 MI. | EXIT 3.77 MI. | INOAOLE ST. 3.82 MI. | ACCESS RD. 3.85 MI. | END DIVIDED HWY 3.92 MI. | ROAD TO BELLOWS AIRFIELD. 3.99 MI. | BEG. DIVIDED HWY 4.01 MI. | INAOLE BR. 4.08 MI. | END DIVIDED HWY 4.13 MI. | WAIMANALO BEACH RECREATION AREA 4.25 MI. | RANCH ROAD 4.29 MI. | BEG. DIVIDED HWY 4.34 MI. | END DIVIDED HWY 4.39 MI. | ALOILOI ST. 4.58 MI. | EHUKAI ST. 4.72 MI. | HIHIMANU ST. 4.79 MI. | HINALEA ST. 4.86 MI. | KAULU ST. 4.93 MI. | HILU ST. 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 2.81 | 12' AC 3.35 | 24' AC 3.98 | 20' AC 4.10 | 24' AC 4.43 | 10' AC | 11' AC | 4'–6' AC | 21' AC 4.63 | 11' AC | 8' GRAVEL | 21' AC | 6' GRAVEL | 10.5' AC | 6' GRAVEL 4.83 | 21' AC

Shoulder: Width and Type | 0 | 8'–10' AC | 0 | 0 | 6' GRAVEL 3.67 | 14' GRV. 3.88 | 10' GRS. | 0 | 0 | 5' GRV. | 0 | 5' GRV. 4.83 | 0

Median: Width and Type | 24' GRASS 1.17 | 24' AC 2.37 | 12' AC 2.88 | PAINT 3.30 3.40 | 4.01 | 10' PAINT 4.13 4.25 | 10' PAINT 4.39

Shoulder: Width and Type | 0 | (TAPER 24'-14') 2.38 | (14' AC) 2.41 | 0 | 0 | 0

Pavement: Width and Type | 24' AC | 12' AC | 10' AC 3.35 | 11' AC | 11' AC | 10.5' AC

Shoulder: Width and Type | 7' AC 0.15 | 7'–10' BST 0.84 | 8'–10' AC 2.23 2.33 | 0 | (5' GRV.) 4.10 | 5' GRV.

Number of Traffic Lanes | 2-12' | 2-12' | 1-20' | 1-12' 2.41 | (1-14') | 2-12' 2.87 | 2-10' 3.08 | 2-12' | (2-10') 3.35 3.38 | (2-11') | 2-10.5' | 2-11' | 2-10.5'

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

(Right Side) | 10' T.L.s 3.32 | 4.03 | 4.08 4.11 4.28 4.34

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. 3.97 | 3' AC 3.98 3.99 | 4.07 | 3' AC 4.80

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number | MERCURY VAPOR 4.73

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

Terrain: 1–Flat, 2–Rolling, 3–Mountainous | FLAT 0.32 | ROLLING 2.86 | SCHOOL ZONE 25 MPH (2) 4.00 | FLAT

Speed: 1–Design, 2–Posted | 35 MPH (2) 0.46 0.52 | 45 MPH (2) | 35 MPH (2) 2.77 | 35 MPH (2) | 25 MPH (2) 3.67 3.79 | 25 MPH (2) 4.09 | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing | PEDESTRIAN WALK LIGHT 3.70

Traffic Station | B72 0072 00000 | B72 0072 00030 | B72 0072 00084 | B72 0072 00138 | B72 0072 00225 | B72 0072 00258 | B72 0072 00275 | B72 0072 00305 | B72 0072 00408 | B72 0072 00461

HPMS Section | 0.25 | 0.69 | 1.02 | 2.06 | 2.58 2.75 | 2.85 | 3.99 | 4.49

AADT (Year 2005) | 32,387 0.30 | 32,387 0.84 | 28,952 1.38 | 23,531 2.25 | 22,485 3.05 | 17,294 4.08 | 16,728 4.61 | 16,343

DOD Sections | DOD 310 | DOD 311 4.08

Census Tracts

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

National Highway System (NHS) | NHS

Previous Projects: Project No., Date and Limits | 0.79 | F-072-1(28), RESURFACE 1985 | 2.86 | (72AB-01-88M (R), 1988) 4.99

72A-01-88M (R), 1988 | 0.77 | (F-072-1(15), 1976) | 2.35 | 72A-01-71, 1976 | 2.86

72A-01-79M (R) 1979 | 0.79 | 0.84 | 72A-01-71, 1976 | 1.49 | 1.51 | 2.26 | F-072-1(15), 1976 | 2.50 | 2.89 WDRC 1(7), 1946 | 3.23 | 3.27 | 3.41

F-072-1(13) 1963 | 0.77 | F-072-1(15) 1966 | 1.40 | F-072-1(24) 1969 | 2.43 | WDRC 1(7) 1946 | 2.85 | COUNTY

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

OAHU RTE 72
KALANIANAOLE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

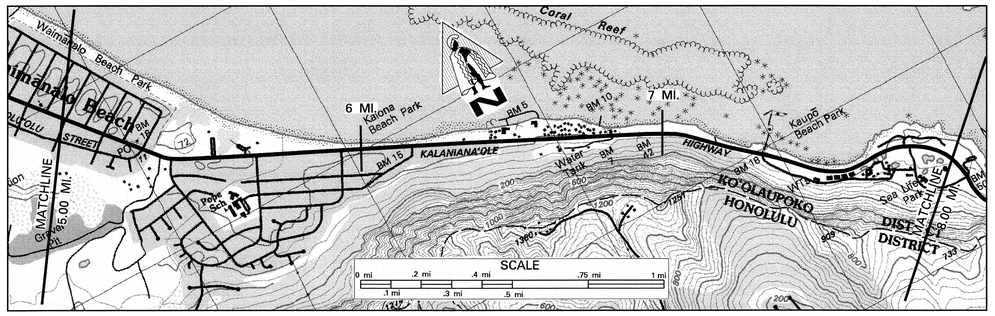
Total Route Length: 18.44 miles

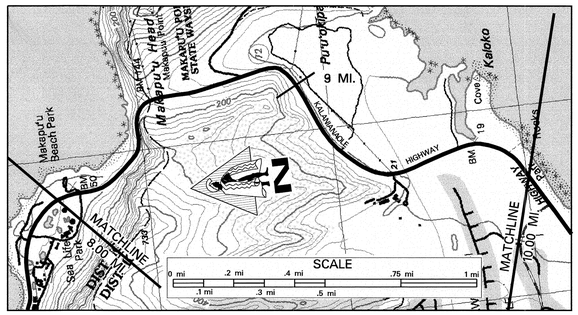
a. Survey Length: 18.44 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

5: (72 A (5.25 MI.)) END 72 A – BEGIN 72 B AT CENTERLINE WAILEA ST. (5.98)

6, 7, 8, 9: 72 B (8.00 MI.)

10

Structure Carrying Road

- **Bridges (Over 20'): Length, Type, Capacity and Year Constructed**: PRESTRESSED CONCRETE GIRDER, 1972, HS–20 (62' / 5.50) TEE BEAM, 1947 H–20 (70' / 9.75)
- **Vertical Clearance**
- **Horizontal Clearance**: 48' / 39'

Structure Over Road

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

Right of Way Width (min.–max.) if varies: 100' (5.89) 80' (6.42) 50'–165' (8.92) 60'–100'

Available Right of Way Width (Needs Study): TREES BUSHES & PASTURE (6.95) BEACH (L), TREES & BUSHES (R) (8.53 / 8.54 Boulder Barrier) RESIDENTIAL

Right of Way Fence: Type – Right and Left: (ROCK WALL) (7.33 / 7.48) CHAINLINK FENCE (7.61 / 8.04) (8.65 / 9.49) CHAINLINK (9.69)

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

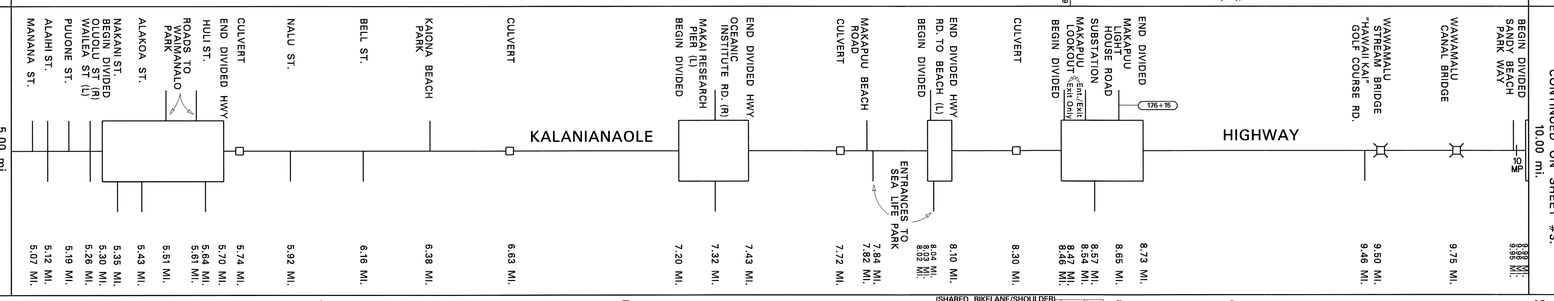
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: STA 109 + 40.62 (7.38) 72B-01-99, 2005 Realignment STA 125 + 96.72 (7.89) (72B-02-02, ROCK SCALING & PROTECTION 2003) 166 + 00 (8.37 / 8.44) 183 + 50 (8.46 / 8.49) STP-072-1(46), Ph 1, Improvements, 2006 (8.79)

Project No., Type of Construction, and Year Constructed: 72 AB–01–88M, RESURFACE 1988; STP–072–1(45), SHOULDER IMPROVEMENTS 2000

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway

	5	6	7	8	9	10
Undivided Shoulder: Width and Type	12' GRASS (5.20) 1½' AC (5.26) (0'–1' AC) (5.35)	2' AC	6' GRASS (6.32) 1½' AC (6.40)	6' GRASS (6.88)	6' AC (7.09)	4'–2' AC (7.38) 2' AC (7.69) 5' AC (8.19) 7'–10' GRAVEL (8.28) 12'–20' AC (8.47) 0 (8.54) 1½' AC (8.57) 6' AC (8.65) 1½' AC (8.73) 5' AC (9.99) (4' AC)
Undivided Pavement: Width and Type	21' AC (5.26) 22' AC (5.30)	12' AC	22' AC	12' AC (7.38) 1' AC (7.43) 22' AC (7.89) 1' AC (8.02) 22' AC (8.42) 18' AC (8.46) 11' AC (8.54) (5' AC BIKELANE) (8.65) 24' AC (9.70) 28' AC (9.99)		(14' AC)
Undivided Shoulder: Width and Type	0	0	8'–16' GRAVEL (6.42) 14'–16' GRASS (6.88) 12' GRASS	0 (7.89) 2' AC / 10' GRASS (8.31) 2' CONC GUTTER (8.46) 0 (8.54) 5' AC (9.99)		(0)
Divided Highway Median: Width and Type	10' PAINT (5.30)	0 (5.70)	0 (7.20)	12' PAINT (7.43) 10' PAINT (8.02) 4'–15' PAINT (8.14) (8.46) (8.54) (8.73) (9.99)		(0'–12' PAINT)
Divided Highway Shoulder: Width and Type	0	0	0	0		(0)
Divided Highway Pavement: Width and Type	12' AC	12' AC	12' AC (7.38) 1' AC (7.43)	1' AC (8.02) 11' AC (8.54)		(14' AC)
Divided Highway Shoulder: Width and Type	(2–11') 4' AC (5.60) 2' AC (5.64)	2' AC/ 12' GRASS (7.38) 2' AC/10' GRASS (7.43)	5' AC (8.02) (2–9') 5'–8' AC (8.42)			(4' AC)
Number of Traffic Lanes	2–10.5' (5.25) 2–12' (5.60)	2–11' (7.38)	2–12' (7.43)	2–11' (8.60)	2–12' (9.70)	2–14'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' T.Ls. (5.30) (5.43) (5.51) (5.58) (5.64) (5.68) 11' 2–WAY (L) T.Ls.	10' T.Ls. (7.32) (7.38) (7.78) (7.84)	10' T.Ls. (8.02) (8.07) (8.47) (8.54) (8.57) (8.65) ALL TLS 11'		10' T.Ls. (9.70)	
(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 (5.72) (5.77) (6.00) (6.68)	(6.89) (7.27) (7.39) (7.66) (7.71)	(8.07) (8.13) (8.30) STONE WALL (8.48)	(8.89) (8.98) (9.14) (9.23) (9.45) (9.66) (9.67) (9.70) (9.75) (9.78)		
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		(8.48)	LARGE URBANIZED (8.92)	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT	(6.58) ROLLING (6.81) (6.71)	(8.00) MOUNTAINOUS		FLAT (9.46)	FLAT
Speed: 1–Design, 2–Posted	35 MPH (2)	45 MPH (2) (7.34) 35 MPH (2) 45 MPH (2) (7.70)	35 MPH (2) (8.57) (8.62)		45 MPH (2)	
Intersection Control Devices: Type, Location and Cycle Timing				B72 0072 00848 (8.48)		
Traffic Station	B72 0072 00461 (5.01) B72 0072 00526 (5.30)	B72 0072 00535 (7.42) B72 0072 00743 (7.43) B72 0072 00756 (7.78) B72 0072 00771 (7.77)	B72 0072 00782 (8.02) B72 0072 00804 (8.26) B72 0072 00826 (8.48) B72 0072 00855 (8.56)		B72 0072 00890 (9.72)	
HPMS Section						
AADT (Year 2005)	16,343 (5.28) 16,883 (5.35)	10,548	10,673 (8.04) 10,766 (8.90)		11,759	
DOD Sections	DOD 311				(8.92) DOD 312	
Census Tracts						
Functional Classification	PRINCIPAL ARTERIAL (CONN. LINK)					
National Highway System (NHS)	NHS					
Previous Projects: Project No., Date and Limits	72AB–01–88M, RESURF.,1988			(8.41)	(8.91) STP–072–1(140), 1993 (STP–072–1(42), WIDENING 1996) (9.96) HES–0300(23) 1985, SAFETY IMPROVEMENTS	
				(8.26)	LT–0–01–79M (R), 1979	
	COUNTY (5.30)	72B–01–75M, 1975			(8.92) F–6(16), 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

ROAD INVENTORY

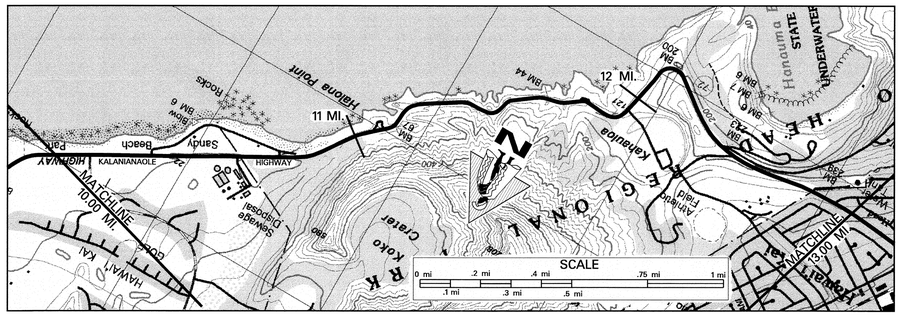
OAHU RTE 72
KALANIANAOLE HWY

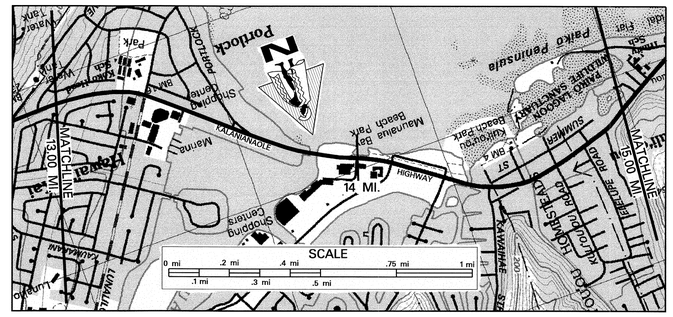
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 18.44 miles
a. Survey Length: 18.44 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- TEE BEAM 1931, H–15 — 100′ (11.46)
- CONC. MASONRY ARCH 1931, H–20 — 70′ (11.66)
- PED O.P. 1968 — (13.24)
- SLAB 1969, HS–20 — 250′ (13.82)
- SLAB, 1971, H–15 — 109′ (14.33)
- TEE BEAM, 1964 H10 — 58′ (14.59)

Vertical Clearance
- 27′
- 25′
- 17′ 10″
- 60′
- 64′
- 60′

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- 60′–100′ (10.28)
- 100′ (10.37)
- 60′–100′ (12.49)
- 50′–165′ (14.34)

Available Right of Way Width (Needs Study)
- BEACH (L), RESIDENTIAL (R) (10.71)
- RUGGED COASTLINE
- RESIDENTIAL AREA

Right of Way Fence: Type – Right and Left

Control of Access: 1–None, 2–Partial, 3–Full
- NONE
- PARTIAL (13.26)

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- STATE (12.50)

Project No., Type of Construction, and Year Constructed
- (STP–072–1(45)) SHLD. IMPRV.2000 (10.05)
- STP–072–1(41) RD. WAY IMPRV. 2000 (11.08)
- 72 BC–01–97M, RESURF 1998 (13.98)

Project No., Type of Construction, and Year Constructed
- STP–072–1(42) WIDENING 1996 (10.28)
- STP–072–1(40), 1993 (R) (11.09)
- 72B–01–88M (R) 1988 (12.79)
- 7400A–01–81M RESURF, 1981 (13.45)
- HWY–0–01–83M, 1983 (R) (13.98)
- NH–STP–072–1(35), WIDENING 1995

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2. 10.00 MI.

KEALAHOU ST. 10.08 MI. | SANDY BEACH RD. END DIVIDED HWY 10.26 MI. | SANDY BEACH RD. TO SEWER PLANT 10.57 MI. | SANDY BEACH ROAD 10.71 MI. | BLOW HOLE LOOKOUT 10.95 MI. | MP | ENTRANCE EXIT 11.07 MI. 11.04 MI. | KAWAIAKEA BR. 11.48 MI. | IHIHILAUKEA BR. 11.66 MI. | LOOKOUT ENTRANCES 11.78 MI. 11.75 MI. | KOKO HEAD RIFLE RANGE 11.95 MI. | RD. TO JOB CORP. HANAUMA BAY SPUR 12.52 MI. 12.49 MI. 12.45 MI. | LOOKOUT ENTRANCES 12.66 MI. 12.64 MI. | NAWILIWILI ST. 12.90 MI. | BEGIN DIV. HWY 13.11 MI. | MP | ENT. TO KOKO MARINA AND HALONA BLOWHOLE PED. O.P. 13.23 MI. 13.24 MI. | END DIV. HWY HOME RD. 13.36 MI. | PORTLOCK RD. 13.56 MI. | HAWAII KAI MARINA BR. 13.83 MI. | BEGIN DIV. HWY 13.98 MI. 13.94 MI. 13.91 MI. | SHOPPING CNTR. BEACH PARK ACC. 14.08 MI. | KEAHOLE ST. 14.27 MI. | HAWAII KAI DR. 14.33 MI. | MAUNALUA BR. 14.44 MI. | KAWAIHAE ST. (R) 14.59 MI. 14.57 MI. | KULIOUOU BAY ST. 14.69 MI. | KULIOUOU BR. 14.77 MI. | ELEUPE RD. 14.86 MI. 14.82 MI. | MOOMUKU PL. PAEOKI DR. 15.00 MI.

KALANIANAOLE HWY

Indicates Grass & / or Physical Barrier on Median.

CONTINUED ON SHEET #4. 15.00 MI.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- 4′ AC
- 2′–4′ AC
- 6′ AC
- 6′ AC
- 8′ CORAL
- 0′
- 4′ AC
- 8′ CORAL
- 5′ AC BIKE ROUTE
- 5′ PCC BIKEWAY

Pavement: Width and Type
- 14′ AC
- 24′ AC
- (6′ AC) (6′ AC) (6′ AC)
- 22′ AC
- 8′–10′ CORAL
- 9′ AC
- 8′–10′ CORAL
- 12′ AC
- 36′ AC
- 48′ AC
- 22′ AC
- 33′ AC

Shoulder: Width and Type
- 0′
- 2′–4′ AC
- 6′ AC
- 0′
- 0′
- 0′
- 8′ AC
- 0′
- 6′–8′ AC BIKE ROUTE
- 2′ AC

Median: Width and Type
- 0′–12′ PAINT
- (0′)
- (0′)
- 0′–12′ PAINT
- 2′–14′ RAISED MEDIAN (GRASS & TREES)

Median Barriers: —— = CONC. BARRIER; ⊢⊣ = M/M GUARDRAILS

Undivided

Shoulder: Width and Type
- 0′
- 2′ AC
- 22′ AC
- 33′ AC

Pavement: Width and Type
- 14′ AC
- 12′ AC
- 9′ AC
- (6′–8′ AC BIKE ROUTE)
- 22′ AC
- 33′ AC

Shoulder: Width and Type
- 4′ AC
- 5′ PCC BIKEWAY

Number of Traffic Lanes
- 2–14′
- 2–12′
- 2–11′
- 2–12′
- 1–12′
- 2–12′
- 4–12′
- 2–11′
- 3–11′
- 6–11′

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — ALL TURN LANES 11′–12′ UNLESS OTHERWISE NOTED
- 1–14′ T.L.

(Right Side) — ALL TURN LANES 11′–12′ UNLESS OTHERWISE NOTED
- 1–10′ T.L.
- 1–12′ ACCEL. LN.

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.

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

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

Illumination: Type, Location and Number
- MERCURY VAPOR
- 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:
- LARGE URBANIZED

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

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

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

Traffic Station
- B72 0072 00890
- B72 0072 01008
- B72 0072 01073
- B72 0072 01079
- B72 0072 01104
- B72 0072 01114
- B72 0072 01200
- B72 0072 01211
- B72 0072 01231
- B72 0072 01249
- B72 0072 01264
- B72 0072 01272
- B72 0072 01294
- B72 0072 01326
- B72 0072 01408
- B72 0072 01418
- B72 0072 01429
- B72 0072 01444

HPMS Section
- 10.16
- 10.79
- 11.04
- 11.14
- 12.00
- 12.11
- 12.31
- 12.33
- 12.64
- 12.72
- 12.94
- 13.06
- 13.81
- 14.13
- 14.20
- 14.43

AADT (Year 2005)
- 11,750
- 10.08
- 8,799
- 10.73
- 9,563
- 12.49
- 10,870
- 13.26
- 32,711
- 14.08
- 48,506
- 14.18
- 50,157
- 14.29
- 65,951
- 14.44
- 68,915

DOD Sections

Census Tracts
- 1.01
- 1.02
- 1.03
- 2

Functional Classification
- PRINCIPAL ARTERIAL (CONN. LINK)
- OTHER FREEWAYS & EXPRESSWAYS

National Highway System (NHS)
- NHS

Previous Projects: Project No., Date and Limits

(STP–072–1(42), WIDENING 1996)
- 7400A–01–82M, (R) 1982 (11.06)
- 7400A–02–82, GUARDRAILS & SHOULDERS (11.09)
- 72B–01–88M, (R) 1988 (12.81)
- 7400A–01–81M, (R) 1981 (13.27)
- HWY–0–01–83M (R) 1983 (13.46)
- STP–072–1(40), (R) 1993 (10.26)
- LT–0–01–79M, (R) 1979 (10.71)
- SDR 1(1) 1946 (11.06)
- T–9001(15), 1973 (12.79)
- 72B–01–75M, 1975 (13.17)
- B–72–01–61, 1961 (12.38)
- F–6(16) 1950 (12.32)
- FAP 6–D, 1937 (12.63)
- (740A–01–70 (WIDEN) 1971)—14.22 (13.26)
- FAP 25B, 1937 (13.69)
- 72C–02–68, 1969 (14.05)
- FAP 25B, 1937 (14.25)
- 740–A–01–70, 1970 (14.59)
- C–72–01–63, 1963 (14.44)

SCALE: (In Miles) 4" = 1 mile

Date Released
JAN. 05, D.B.

Revised	
G.N.	5/06

ROAD INVENTORY

OAHU RTE 72
KALANIANAOLE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

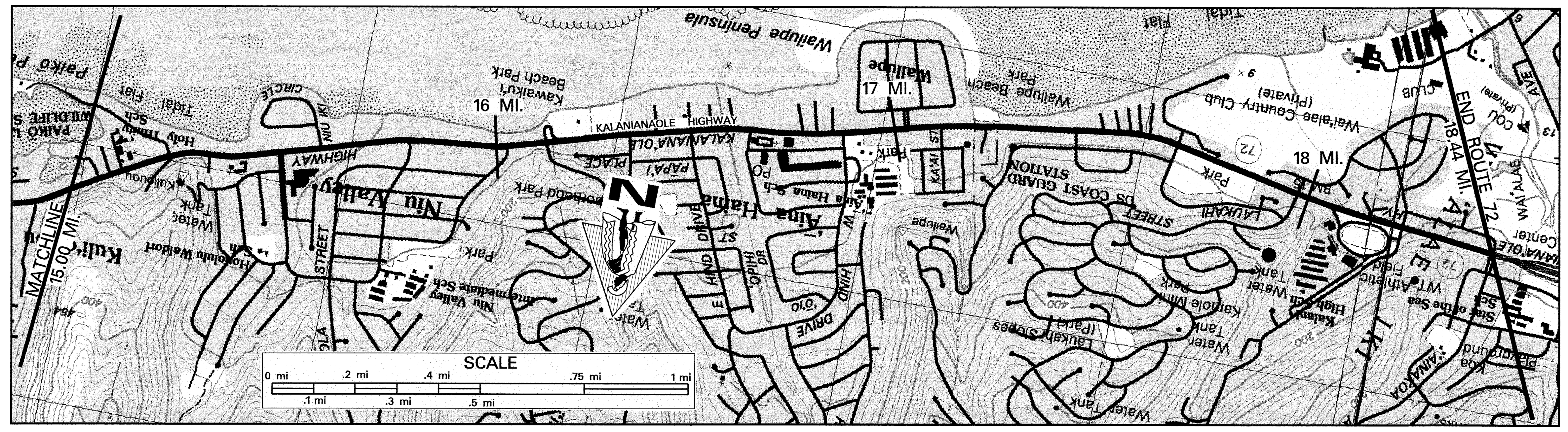
Total Route Length: 18.44 **miles**

a. Survey Length: 18.44 **miles**

b. Proposed Length: 0.00 **miles**

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

*



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

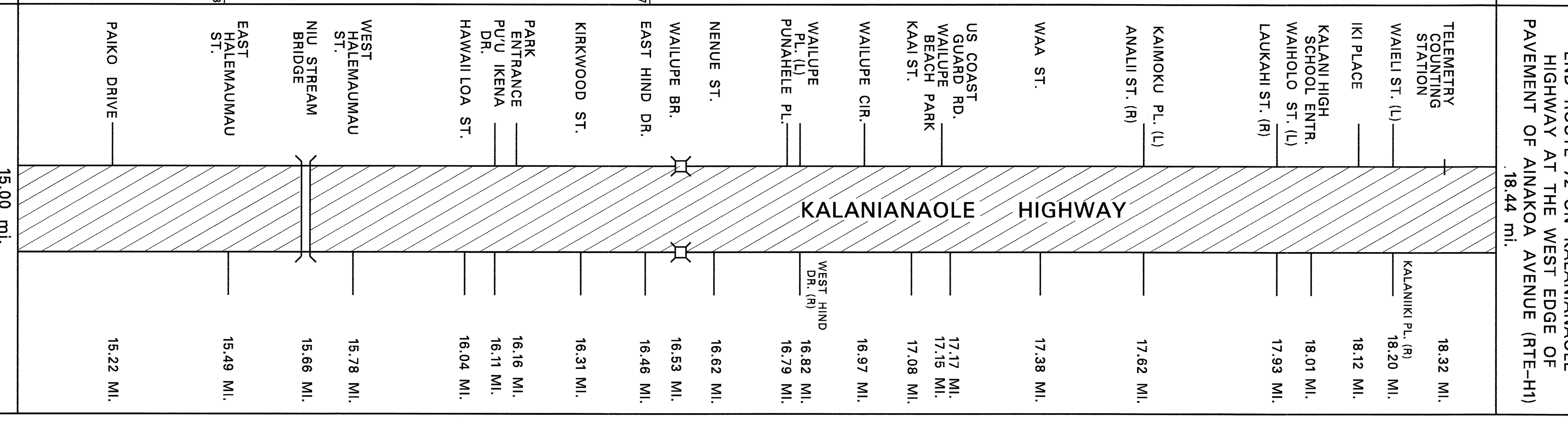
Item	15.00 – 18.44 mi.
Maintenance Control Sections : Length and Description	72 C (5.20 MI.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	15.66: SLAB, 1993, HS-20-44; 16.53: 66' TEE BEAM, 1955, HS-20; 60' TEE BEAM, 1930, H-15
Vertical Clearance	15.66: 75'
Horizontal Clearance	15.66: 97'; 16.53: 28' (OUTBOUND), 36' (INBOUND)
Structure Over Road — Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	50'–165' 16.24 120' 17.22 120'–135'
Available Right of Way Width (Needs Study)	RESIDENTIAL AREA 16.80; 17.84
Right of Way Fence: Type – Right and Left	15.62 (CHAINLINK FENCE) 15.69; (CHAINLINK FENCE) 16.70; 16.80 TILE WALL 17.12; 17.25 CHAINLINK FENCE 17.50; TILE WALL; 17.76 TILE WALL 18.01 CHAINLINK FENCE 18.31; TILE WALL
Control of Access: 1–None, 2–Partial, 3–Full	PARTIAL
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	16.81 NH-072-1(47), RESURF., 2002
Project No., Type of Construction, and Year Constructed	NH-STP-072-1(35), WIDENING, 1995 15.48 F-072-1(34)B, WIDEN & REALIGN, 1993 16.47 72C-01-87M, (R), 1987

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #3. 15.00 mi.



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

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

Item	15.00 – 18.44 mi.
Divided Highway / Undivided — Shoulder: Width and Type	5' PCC BIKEWAY 15.49 5' PCC BIKELANE 16.47 6'–8' BIKEWAY
Pavement: Width and Type	33' AC (6'–23' RAISED SHRUBS)
Shoulder: Width and Type	2' AC (6' SHRUBS) (6'–15' SHRUBS) 16.48 0 (1'–12' GRASS) 16.92 6' AC 18.41 (0)
Median: Width and Type	2'–14' RAISED MEDIAN (GRASS & TREES) 15.49 6'–17' RAISED SHRUBS; 25' GRASS & TREES; 11' GRASS & TREES; (11' RAISED CONC.)
Median Barriers: (— = CONC. BARRIER; ⊢⊣ = M/M GUARDRAILS)	15.06 15.10 15.17 15.20 15.28 15.33 15.40 15.44 15.49; 15.98 16.02 16.16 16.31; 16.80
Shoulder: Width and Type	2' AC (6'–12' RAISED SHRUBS) 16.31 0 6' GRAVEL (0)
Pavement: Width and Type	33' AC
Shoulder: Width and Type	5' PCC BIKEWAY 15.49 5' PCC BIKELANE 6' AC BIKELANE 17.45 6' AC 18.20 5' AC BIKELANE
Number of Traffic Lanes	6–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	15.22 15.28; 15.44 15.64; 15.81 15.90; 16.33 16.35; 16.48 16.51 16.61 16.64; 16.85 16.88; 16.94 16.99 17.05 17.08; 17.34 17.41; 17.60; 17.97; 18.18
(Right Side)	15.16; 15.43 15.49 15.55 15.59; 15.75; 16.42; 16.58; 16.98 17.04 17.14; 17.45; 17.61 17.66 17.74; 17.92 18.07; 18.04; 18.19 18.22 18.32
Frontage Road: No. of Lanes, and Width (Right and Left)	15.43 15.49 16.52 16.67 16.75 16.81 16.83 16.85 17.01 17.24 17.61 17.64 17.77 17.81 17.93 17.95 17.97 18.02 18.08 18.19 18.22 18.42
Sidewalk: Width and Type (Right and Left)	6' CONC. S.W. 5' CONC. S.W. 5' CONC. S.W. 5' CONC. S.W.; 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; 15.32 15.46; 16.28 16.33 16.40 16.52 16.55 16.57 16.67 AC CURB; 18.24
Illumination: Type, Location and Number	HIGH PRESSURE SODIUM 15.48 SODIUM VAPOR 16.81 MERCURY VAPOR 18.42
Curves: Degree of Curvature (Right and Left)	
Grades: % Grade, Positive or Negative	
HOV Lanes/Contra-Flow Lanes	15.78 CONTRA-FLOW HOV, MORNING 5:00-8:30 AM
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	LARGE URBANIZED
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	15.08 15.22 3 PHASE 15.49 15.81 16.48 16.62 16.85 17.00 3 PHASE 17.62 17.97 18.28
Traffic Station	B72 0072 01444; B72 0072 01549; B72 0072 01682
HPMS Section	15.30; 16.37; 18.26
AADT (Year 2005)	68,915 15.49 64,056 16.82 76,957 18.44
DOD Sections	
Census Tracts	2 15.70 16.08 3 17.17 4.01 5 18.04 4.02
Functional Classification	OTHER FREEWAYS & EXPRESSWAYS
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	16.31 72C-01-79M, RESURFACE, 1980
	HWY-0-01-83M (R) 1983 16.24 72C-01-87M, (R), 1987
	(72C-01-75M, (R), 1975) 16.17 16.31 16.33 T-9001-(18), 1973 16.85 72 B-03-68 UNIT 2, 1970, (WIDENING) 17.96 72B-03-68 UNIT 1, 1969
	C-72-01-63, 1963 16.03 WDRC 4 (1), 1946 16.27 F6 (18), 1956 17.24 F 6 (17), 1954

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

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

ROAD INVENTORY

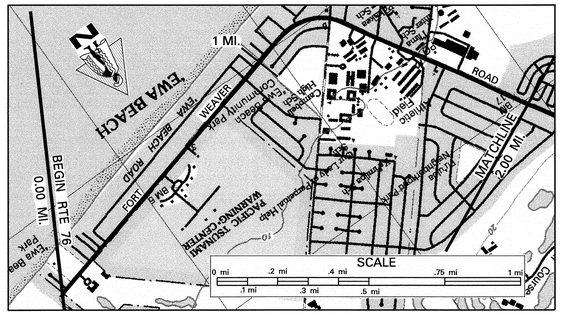
OAHU RTE 76
FORT WEAVER ROAD – KUNIA ROAD

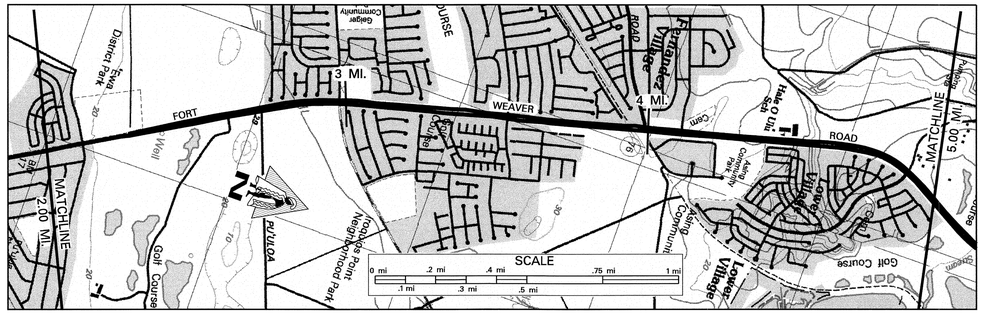
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

*





SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
BOX CULVERT (CNL) 0.99 | CULVERT (STR) 1936 E9–H–15 1.94 24′ | PRESTRESSED CONCRETE HS 20–44 4.36 102′

Vertical Clearance
42" INBOUND | 42" OUTBOUND

Horizontal Clearance
30′

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)
RESIDENTIAL | 1.83 RES (R), SUGAR (L) | 2.16 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) 0.80 | 1.25 CL 18′–20′ FP 2.16 2.26

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

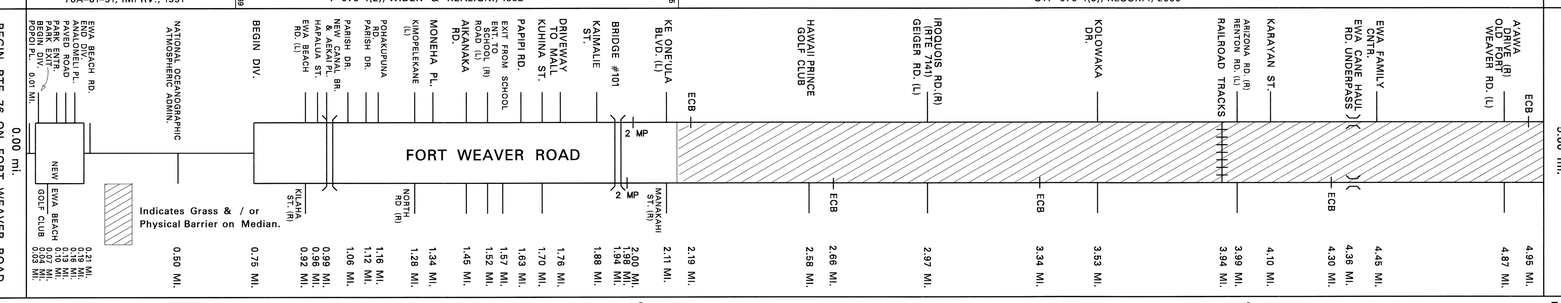
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
STATE

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed
76A–01–91, IMPRV., 1991 | 0.80 F–076–1(2), WIDEN & REALIGN., 1992 2.16 | STP–076–1(5), RESURF., 2000

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway Undivided

Shoulder: Width and Type
10′ CORAL & GRASS 4′ AC BIKE ROUTE | 10′ AC 0.92 8′ AC 6′ AC BIKE ROUTE | 10′ AC

Pavement: Width and Type
(22′ AC) 11′ AC | 22′ AC 0.89 | 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 0.19 0.75 | 11′ PAINT (FLUSH) 2.15 | 28′ TREES AND SHRUBS

Median Barriers:

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

Pavement: Width and Type
11′ AC | TAPER 11′–22′ 0.82 22′ AC | 24′ AC

Shoulder: Width and Type
(4′ AC BIKE ROUTE) (10′ CORAL & GRASS) | 10′ AC 0.97 6′ AC BIKE ROUTE 8′ AC | 10′ AC

Number of Traffic Lanes
0.03 2–11′ 0.82 | 4–11′ 2.25 2.28 2.71 2.77 2.97 3.12 3.18 | 4–12′ 3.40 3.43 3.53 3.67 3.85 | 3.82 3.87 3.99 4.04 4.10 4.17 4.38 4.41 4.45 4.46 4.71 4.74 4.83 4.87 4.99

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ALL AUX. LANES ARE 12′ UNLESS OTHERWISE INDICATED
2.62 3.02 3.07 3.99 10′ AC 4.38 4.41 4.45 4.91

(Right Side)
2.45 8′ AC BIKEWAY (R)

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

Sidewalk: Width and Type (Right and Left)
1.30 4′ RAISED AC 1.60 | 4.38 4.38

Curb and/or Gutter: Type (Right and Left)
3.82 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 2.96 | 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

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

Speed: 1–Design, 2–Posted
35 MPH (2) 1.00 1.07 | 25 MPH (2) | 35 MPH (2) 45 MPH (2) 2.54 | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing
TRAFFIC LIGHT 1.38 | TRAFFIC LIGHT 1.45 | TRAFFIC LIGHT 1.63 | TRAFFIC LIGHT 1.76 2.11 | TRAFFIC LIGHT 3 PHASE 2.97 | TRAFFIC LIGHT 3 PHASE 3.53 3.89

Traffic Station
B72 0076 00000 | B72 0076 00082 | B72 0076 00128 | B72 0076 00211 | B72 0076 00219 | B72 0076 00297 | B72 0076 00353 | B72 0076 00363 | B72 0076 00399 | B72 0076 00410 | B72 0076 00431 | B72 0076 00439 | B72 0076 00475

HPMS Section
0.49 | 1.02 | 1.96 2.17 | 2.66 | 3.34 | 3.63 3.77 | 4.10 4.30 | 4.31 4.39 |

AADT (Year 2005)
2,514 | 0.82 6,515 | 1.38 24,615 | 2.11 38,353 | 2.19 38,353 | 2.97 42,827 | 3.53 60,490 | 3.89 64,581 | 4.75 55,226 | 5.00

DOD Sections
DOD 395 | 2.97 DOD 400

Census Tracts
83 | 1.63 84 | 3.94 86.02

Functional Classification
MINOR ARTERIAL | 2.11 PRINCIPLE ARTERIAL | 3.99 FREEWAY & EXPRESSWAY

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
2.16 F–076–1(1), WIDEN & REALIGNMENT, 1987
1.26 7600A–01–83M, (R), 1983 | 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

0 | 1 | 2 | 3 | 4 | 5

Date Released
Feb 05, DB

Revised	
G.N.	5/06

ROAD INVENTORY

OAHU RTE 76
FORT WEAVER ROAD, KUNIA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

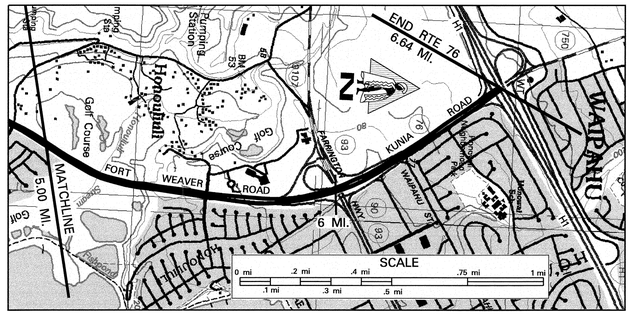
Total Route Length: 6.64 miles

a. Survey Length: 6.64 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description

76 B (2.65 MI.) | END 76 B SAME AS END ROUTE

Structure Carrying Road

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

PRESTRESSED CONC. HS 20-44 | 257' (5.18) | 42' INBOUND | 42' OUTBOUND

PRESTRESSED CONC. HS 20-44 | 270' (5.96) | 42' INBOUND | 54' OUTBOUND

Vertical Clearance

Horizontal Clearance

Structure and Paths

Vertical Clearance

Horizontal Clearance

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

(170') 5.02 | 170'–340' | 5.27 | 200'–1000' | 6.01 | 170'–1500' | 6.27 | 170'

Available Right of Way Width (Needs Study)

CLEAR 1000' SUGAR CANE 40' FROM PAVEMENT 5.98 | RES. (R), SUGAR (L)

Right of Way Fence: Type – Right and Left

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

PARTIAL

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

STATE

Project No., Type of Construction, and Year Constructed

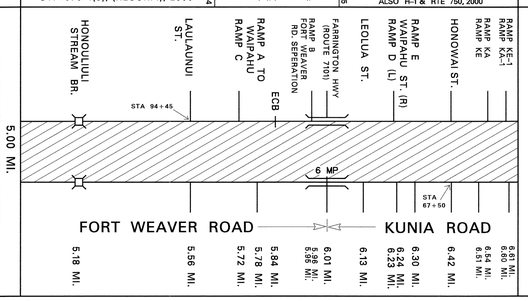
STA 123+95 | 5.84 CMAQ-076-1(8) Widening, 2005 | 5.88 STA 94+45 | STA 76+50 6.04 HWY-0-01-04 Improv 2005

Project No., Type of Construction, and Year Constructed

STP-076-1(5), (RESURF.), 2000 | 5.44 STP-076-1(13), (RESURF.), 2000 | 6.05 IM-H1-1(219), (IMPRV.) SEE ALSO H-1 & RTE 750, 2000

Road Diagram

* MP = Milepost Signage



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 | 1.5' CONC. 10' AC

Pavement: Width and Type

24' AC 5.34 | 36' AC 5.90 | 24' AC | 24' CONC. 24' AC 6.27 | 36' AC

Shoulder: Width and Type

4' AC | 6' CONC. 12' AC 6.58 | 6' AC

Divided Highway

Median: Width and Type

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

Median Barriers:

5.98 | 6.03

Shoulder: Width and Type

4' AC | 6' CONC. 10' AC

Pavement: Width and Type

24' AC 5.34 | 36' AC 5.76 | 24' AC | 24' CONC. 24' AC 6.30 | 36' AC 6.42 | 24' AC

Shoulder: Width and Type

10' AC | 12' CONC. 10' AC 6.27 | 20' AC

Number of Traffic Lanes

4–12' 5.34 | 3 – 12' | 5.90 | 3 – 12' | 2 – 12' 6.27 | 3 – 12' | 4' CONC. GUTTER | 2 – 12' | 6.58

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)

5.34 | 5.47 | 5.70 | 5.76 | 6.31 | 6.51 | 6.61 | 2 TL's | 1-12' TL

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

Sidewalk: Width and Type (Right and Left)

8' AC BIKEWAY (R) | 5' BIKE LANE | 5' BIKE LANE | 8' AC BIKEWAY (R)

5.18 | 5.23 | 5.98 | 6.03 | 6.24 | 10' CONC.SW

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

(4' CONC. GUTTER) (8' CONC. GUTTER) | 4' CONC. GUTTER | 8' CONC. GUTTER | 4' CONC. GUTTER | 8' CONC. GUTTER

M/M | M/M | 5.98

Protective Devices: Type, Location and Number

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

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

5.90 | 3 PHASE | 6.42 | 2 PHASE

Traffic Station

B72 0076 00509 | B72 0076 00512 | B72 0076 00524 | B72 0076 00592 | B72 0076 00601 | B72 0076 00627 | B72 0076 00654

HPMS Section

5.05 | 5.72 | 5.18 | 5.66 | 6.01 | 6.03 | 6.43 | 6.55

AADT (Year 2005)

55,226 5.24 | 60,756 5.92 | 49,967 6.27 | 79,875 6.54 | 6.64 (33,854)

DOD Sections

DOD 400 | 6.03 | DOD 180

Census Tracts

86.02

Functional Classification

FREEWAY & EXPRESSWAY

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

5.67 STP-076-1(3), (RESURF), 1994

M-7600(2), (CONST.), 1982 | 5.91 | M-7600(1), (CONST.), 1982

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
FEB 05, DB

Revised	
G.N.	5/06

ROAD INVENTORY
OAHU RTE 78
MOANALUA FREEWAY

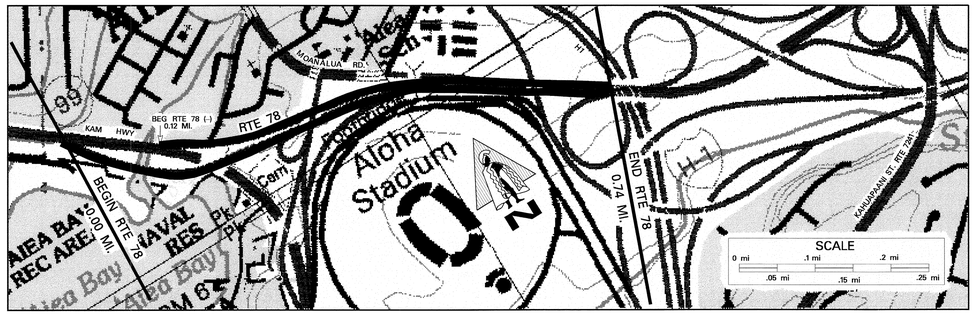
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 0.74 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′

PRESTRESSED BEAM
1965 HS 20′
194′

PEDESTRIAN
1966
148′

P/S GDR
1974, HS 20
1852′

Vertical Clearance

0.02
44′

0.34

0.49

0.85

Horizontal Clearance

Structure Over Road

Vertical Clearance

16′ 08″

16′ 03″

16′ 05″

Horizontal Clearance

50′

54′

78′

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

ESTIMATED 200′

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

0.19 CHAINLINK 30′ FROM PAVEMENT 0.38

0.45 CHAINLINK 20′ FROM PAVEMENT 0.55

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

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

STATE

Project No., Type of Construction, and Year Constructed

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

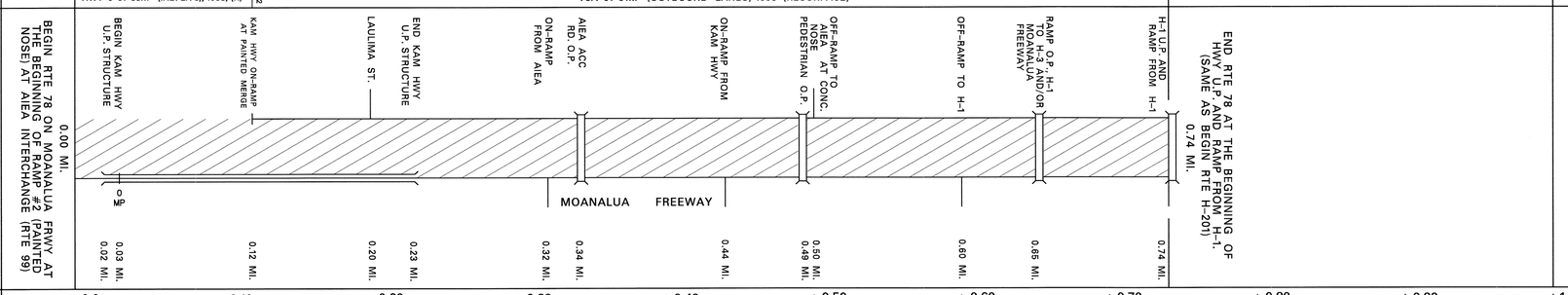
Project No., Type of Construction, and Year Constructed

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

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 20″ = 1 mile

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

Divided Highway Undivided

Shoulder: Width and Type

NONE 0.58 10′ AC

Pavement: Width and Type

24′ AC 36′ AC

Shoulder: Width and Type

NONE (2′ CONC. GUTTER) 8′ AC

Median: Width and Type

INTERCHANGE | 10′ GRAVEL | 20′ GRAVEL, GRASS, HEDGE | 8′ TWIN CONC. BARRIER WITH DIRT FILL

0.23 0.35 0.61

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

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. 0.11 | 0.23 | 5′ AC | 0.38

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

0.01 | 0.31

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

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

(2) ROLLING

Speed: 1–Design, 2–Posted

35 MPH (2) 0.85 50 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

B72 0078 00000 | 0.27 | B72 0078 00032 | 0.48 | B72 0078 00061 | 0.65

HPMS Section

AADT (Year 2005)

36,811 | 0.32 | 51,694 | 0.61 | 36,462 | 0.74

DOD Sections

DOD 220 | 0.60 | DOD 225

Census Tracts

77.01 | 0.34 | 76

Functional Classification

FREEWAY & EXPRESSWAY

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

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

SCALE: (In Miles) 20″ = 1 mile

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

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

ROAD INVENTORY

OAHU ROUTE 80
KAMEHAMEHA HWY.

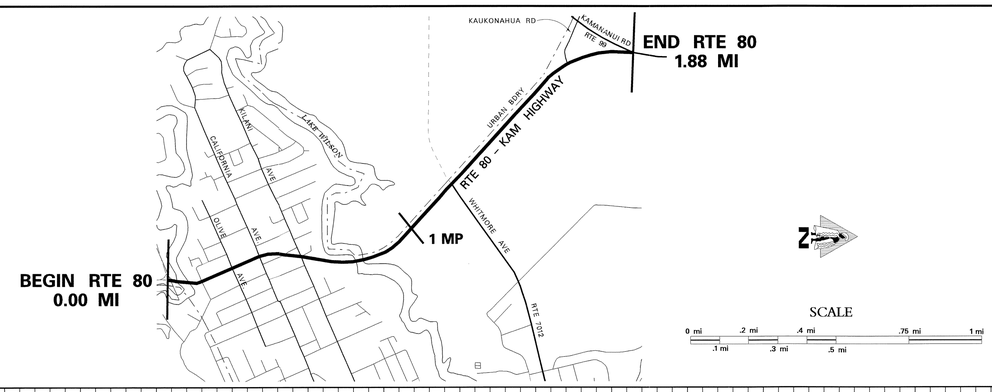
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	1.88	MILES (a+b)
a. Existing Length:	1.88	MILES
b. Proposed Length:	NONE	MILES
Total Travel Way Length:	1.88	MILES (a+b, less c)
a. Existing Length:	1.88	MILES
b. Temporary Length:	NONE	MILES
c. Length used as T.W. for another Route:	NONE	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 10" = 1 mile

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

Maintenance Control Sections : Length and Description
BEG 80A same as BEG Route | 80A (1.88 mi.) | 1.88 END 80A SAME AS END ROUTE

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
PRESTRESSED GIRDERS & TEES | HS-20- 44 1982 375' | STT H20 1932 214'

Vertical Clearance
14'11"

Horizontal Clearance
102' | 24'

Structure Over Road

Vertical Clearance
0.01

Horizontal Clearance

Right of Way Width (min.–max.) if varies
120' | 0.02 | 80' | 0.57 | 50' – 80' | 0.86 | 50' – 90' | 1.86 | 65' – 70' | 1.77 | 60'

Available Right of Way Width (Needs Study)
RESIDENTIAL/COMM. | 0.55 | 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)
STATE

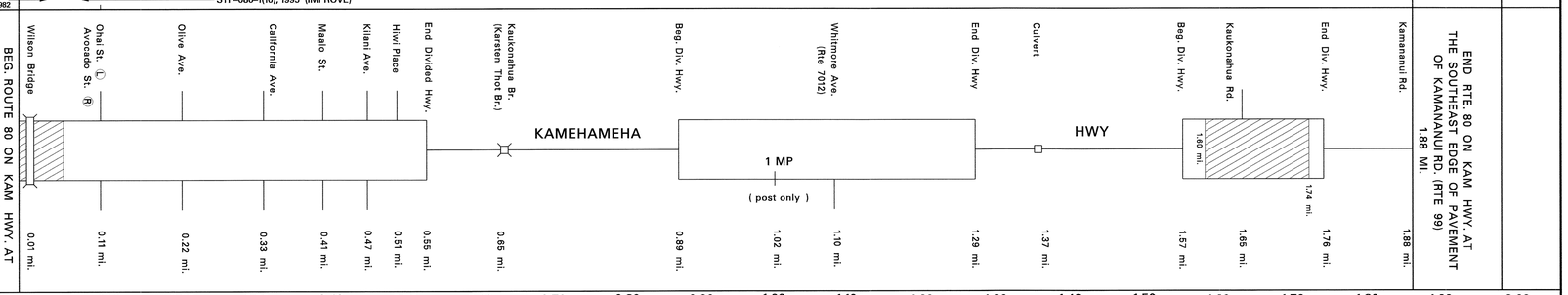
Project No., Type of Construction, and Year Constructed
0.11 | 0.13 | 80A-01-02M, (R), 2003 | 0.47 | 0.38 | 0.05 | STP 0300(29), RESURFACE, 1994

Project No., Type of Construction, and Year Constructed
BR-F-080-1(3) BR. CONST., 1982 | STP-080-1(10), 1995 (IMPROVE)

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 10" = 1 mile

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

Divided Highway – Undivided

Shoulder: Width and Type
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 | 1.76 | 20' AC

Shoulder: Width and Type
2' CONC | 0 | 6' DIRT | 0' | 6' AC | 0' | 4' AC | 0' | 4' AC

Median: Width and Type
10' RAISED TRENCH W/ STEEL GRATE | 0.06 | 12' PAINT | 0.55 | 0.89 | 0'–12' AC PAINTED MEDIAN | 1.29 | 0'-6' AC (PAINTED) | 1.57 | FLUSH w/ AC ROLL CURB | 1.59 | 1'-6' AC | 1.65 | 4'–7' AC | 1.74 | 0'-6' AC (PAINTED) | FLUSH w/ AC ROLL CURB

Shoulder: Width and Type
2' CONC. & 12' PAINT | 0 | 0' | 0

Pavement: Width and Type
24' CONC | 24' AC | 12' AC | 12' AC | 10' AC

Shoulder: Width and Type
10' CONC | 10' AC | 0.12 | 0 | 0.47 | 4' AC | 4' AC | 4' AC

Number of Traffic Lanes
0.15 | 4–12' | 0.27 | 0.33 | 0.39 | 3–12' | 2–12' | 2–11' | 0.70 | 2–10' | 1–11' 1–12' | 2–10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
8' PARK | 0.41

(Right Side)
2-WAY LEFT TURN LN. | 0.49 | 8' PARK | (PARKING DURING OFF-PEAK HRS. ONLY.) | 1.04 | 1.08 | 1.10 | 1.15 | 1.69 | 11' | 1.85

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 | 0.65 | 8' CONC. | 0.69

Curb and/or Gutter: Type (Right and Left)
1' GUTTER | CURB & GUTTER | 0.51 | CONC. (R) CURB | 0.70 | ROCK CURB (L) & (R) | 0.74

Protective Devices: Type, Location and Number
NONE

Illumination: Type, Location and Number
HPS LAMPS | 0.68 | 0.81 | MV LAMPS | 0.89 | HPS LAMPS | 1.10 | MV LAMPS | 1.25 | 1.58 | 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

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
② ROLLING | 1.08 | ① FLAT

Speed: 1–Design, 2–Posted
25 MPH ② | 1.15 | 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 Station
B72 0080 00000 | B72 0080 00008 | 0.02 | 0.11 | B72 0080 00011 | 0.27 | B72 0080 00033 | 0.38 | B72 0080 00047 | 0.73 | B72 0080 00073 | 0.89 | B72 0080 00089 | 1.01 | B72 0080 00110 | 1.29 | B72 0080 00129 | 1.44 | B72 0080 00157 | 1.78 | B72 0080 00176 | 1.82

HPMS Section

AADT (Year 2005)
42,866 | 0.08 | 36,708 | 0.33 | 23,018 | 0.47 | 23,050 | 1.10 | 14,804 | 1.57 | 13,903 | 1.88

DOD Sections
DOD 385 | 1.10 | DOD 390

Census Tracts
CT 94 | CT 93 | 0.65 | CT 91

Functional Classification
80 | 0.02 | PRINCIPAL ART. (CONN. LINK) | 1.10 | PRINCIPAL ARTERIAL

National Highway System (NHS)
NHS

Previous Projects: Project No., Date and Limits
HWY-0-01-89M (R), 1990 | 0.65 | HWY-0-01-82 M RESURF., 1982
0.11 | F-F-080-1(5), 1982 (WIDENING) | 0.58 | 109 + 46.85 | 0.74 | 115 + 39 | 116 + 00 | 0.86 | 137 + 00 | 1.25 | 136 + 39 | 151 + 75 | 1.56 | 9 + 90.33 | 1.77 | 17 + 25
70 + 93 | DA-WR-8(3) 1949 | 0.06 | FAP 7-D, 1933 | 0.33 | 8-80-01-65, 1966 | 99 + 99.70 | 0.58 | FAP 7-8, 1931 | FAP 7-P, 1932 | 80B-02-68, 1968 | 136 + 39 | FAP 7-D, 1932 | F-80-1(2), 1968 | NRS 21-A , 1935 | FAP 7-D, 1933
FAP 7-D, 1932 | 0.58 | S-80-01-65, 1966 | 0.65 | FAP 7-8, '32 | 0.91 | S-80-01-65, 1966 | 0.95 | FAP 7-O, 1933 | 1.63 | F-80 1(2), 1969 | 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

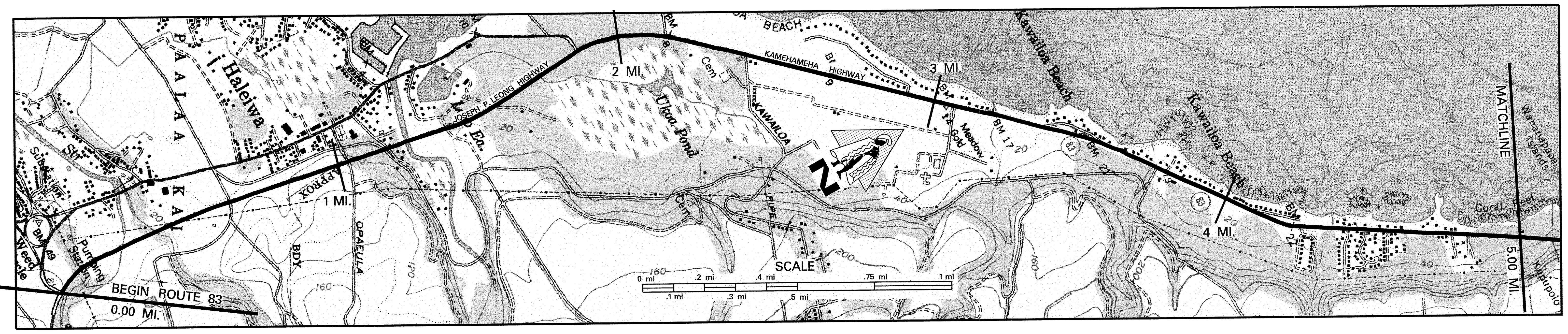
ROAD INVENTORY

OAHU RTE 83

JOSEPH P. LEONG HWY., KAMEHAMEHA HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

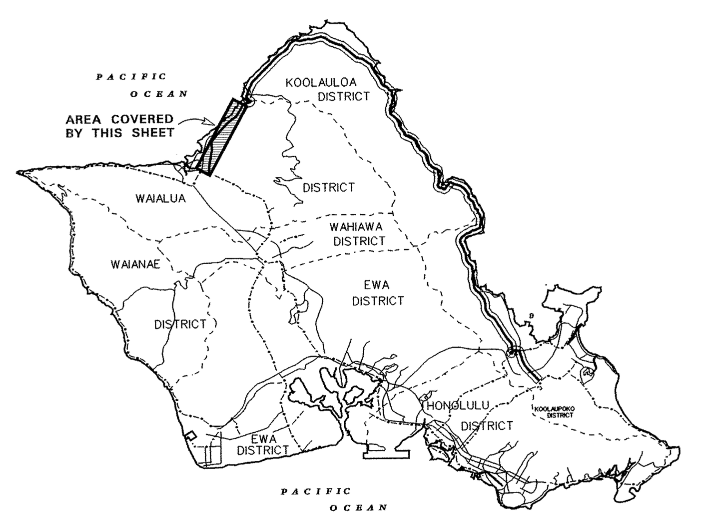


Total Designated Route Length:	43.92	MILES (a+b)
a. Existing Length:	43.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	43.92	MILES (a+b, less c)
a. Existing Length:	43.92	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______

SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

Item	Data (milepoints)
Maintenance Control Sections: Length and Description	83A (2.11 mi.) 0–2.11; 83B (11.97 mi.) 2.11–
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Prestressed Concrete Girder: 1995, 1195' (0.08); 1995, 126' (0.36); 1995, HS29, 134' (0.75); 1995, HS29, 230' (1.21); 1995, HS29, 244' (1.68); Slab, 1937 H15, 70' (3.23); (3.77); TBM 1929, HS-20-44, 25' (4.40)
Vertical Clearance	
Horizontal Clearance	44' (0.08); 44' (0.36); 44' (0.75); 44' (1.21); 44' (1.68); 24' (3.23); (3.77); 33'-8" (4.40)
Structure Over Road — Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	120' – 250' (0–2.21); 60' (2.21–4.35); 50' (4.35–)
Available Right of Way Width (Needs Study)	Pasture (0–2.21); Trees (2.21–2.94); Residential (2.94–3.39); Bushes & Trees – Houses (L) (3.39–4.30); Residential (4.30–4.84); Bushes & Trees (4.84–)
Right of Way Fence: Type – Right and Left FP=From Edge of Pavement W/W=Wire on Wood	20' FP W/W (2.24–2.40); 20' FP W/W (3.10–3.21); 15' FP W/W (4.21–4.29)
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	
Project No., Type of Construction, and Year Constructed	F–083–1(24) & 83A–01–92 (Haleiwa Bypass), 1994 (0–2.09); 83B–01–97M Resurface, 1997 (2.09–)



Road Diagram

* MP=Milepost Signage

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

Feature	Milepoint
Begin Helemano Stream Viaduct	0.08 mi.
End Divided Hwy.	0.16 mi.
End Viaduct	0.31 mi.
Opaelua Uka Str. Br.	0.36 mi.
Paved Road	0.62 mi.
Wailua Cane Haul Rd. O.P.	0.75 mi.
Beg. Divided Hwy.	0.81 mi.
Emerson Rd.	1.00 mi.
End Divided Hwy.	1.17 mi.
Anahulu Uka River Br.	1.21 mi.
Rd. to Gov't. Property	1.36 mi.
Paved Rd.	1.57 mi.
Ukoa Pond Br.	1.68 mi.
Beg. Divided Hwy.	1.79 mi.
Kamehameha Hwy.	1.86 mi.
End Divided Hwy.	1.94 mi.
Paved Rd.	2.14 mi.
Kawailoa Drive	2.41 mi.
(3 MP)	3.86 mi.
Papailoa Dr.	2.95 mi.
Aluvion inc.	3.09 mi.
Lauhulu Br.	3.23 mi.
Pohakuloa Way	3.38 mi.
Pohakuloa Way	3.58 mi.
Bridge	3.77 mi.
Paved Rd.	4.15 mi.
Kawailoa Br.	4.40 mi.
Punalau Place	4.45 mi.
Ikuwai Place	4.50 mi.

JOSEPH P. LEONG HWY. — KAMEHAMEHA HIGHWAY

CONTINUED ON SHEET #2. 5.00 mi.

SCALE: (In Miles) 4" = 1 mile — 0 | 1 | 2 | 3 | 4 | 5

Item	Data (milepoints)
Undivided — Shoulder: Width and Type	8' AC (0–0.16); 10' AC (0.16–2.11); 4' AC (2.11–3.24); 2' AC (3.24–3.34); 4' AC (3.34–4.54); 0 (4.54–4.68); 4' GRS. (4.68–4.85); 5' AC (4.85–)
Undivided — Pavement: Width and Type	12' AC / 12' PCC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC (–2.11); 22' AC (2.11–)
Undivided — Shoulder: Width and Type	0; 10' AC; 0; 10' AC; 0; 10' AC; 4' AC (2.11–4.85); 5' AC (4.85–)
Median: Width and Type	12' AC (0–.08); ← (12' PCC) (0.16); 16' AC Paint (0.81–1.00); 6' AC Paint (1.00–1.17); 10' AC Paint (1.79–1.94)
Median Barriers:	
Divided — Shoulder: Width and Type	0; 0; 0
Divided — Pavement: Width and Type	12' AC / 12' PCC; 12' AC; 12' AC
Divided — Shoulder: Width and Type	10' AC; 10' AC; 10' AC
Number of Traffic Lanes	2–12' (0–2.11); 2–11' (2.11–)
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' T.Ls. (0–0.13); 10' T.Ls. (1.00–1.17); 12' T.Ls. (1.72–1.86, 1.86–2.00)
(Right Side)	(0–0.16); (0.81–1.00, 1.00–1.19); (1.72–2.04)
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	MV (4.59–)
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (–4.99); (Mountainous) (4.99–)
Speed: 1–Design, 2–Posted	35 MPH (1) (0–0.23/0.28); 45 MPH (1) (0.28–0.77/0.83); 35 MPH (1) (0.83–1.70/2.11); 45 MPH (1) (2.11–3.11); 35 MPH (2) (3.11–3.97/4.00); 35 MPH (2) / 45 MPH (2) (4.00–)
Intersection Control Devices: Type, Location and Cycle Timing	3 Phase (1.86)
Traffic Station	B72 0083 00000 (0–0.08); B72 0083 00008 (0.08–0.30); B72 0083 00030 (0.30–0.81); B72 0083 00081 (0.81–1.17); B72 0083 00117 (1.17–1.86); B72 0083 00186 (1.86–2.08); B72 0083 00208 (2.08–)
HPMS Section	1.21; 3.95
AADT (Year 2005)	10,205 (–1.86); 17,357 (1.86–)
DOD Sections	DOD 340 (2.21–)
Census Tracts	
Functional Classification	Principal Arterial
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	F–083–1(24) (Structures) & 83A–01–92 (Roadway), (Haleiwa Bypass) 1994 (–2.10); F–083–1(19) Unit 1, (R) 1985 (2.10–3.54); F–083–1(20) Unit 2, (R) 1985 (3.54–4.55); 4.84 83B–01–87M, (R) 1987 (4.84–); WDR 3(1) 1949; FAP 3–D, (Part of project on old alignment) 1937 (–4.33); FAP 3–A, 1928 (4.33–); 212+98 / 61+00

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.

ROAD INVENTORY

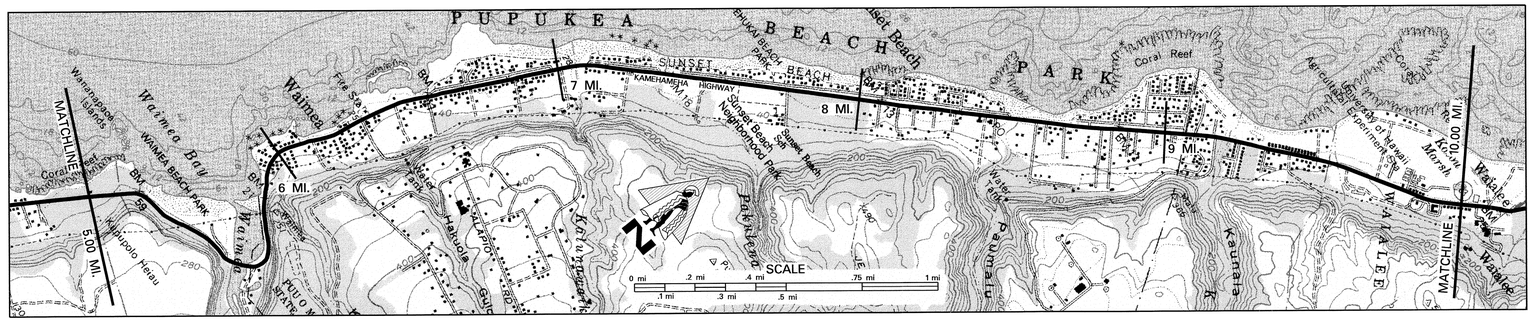
OAHU RTE 83
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	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 | Slab 1930, H15 | TBM 1929, H15

268' (5.56) | 90' (8.53) | 32' (9.22)

Vertical Clearance: 24' | 23' | 24'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 50'

Available Right of Way Width (Needs Study)

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

Bushes & Trees (5.56) | Residential (7.24) | Bushes & Trees (7.20–8.26) | 15' FP (9.02) | 1000' Clear Pasture (9.59–9.96) | (Residential)

10' FP: C.L. 7.78 | W/W 8.00 | C.L. 8.26

15' FP: [W/W] 9.02

15' FP: C.L. 9.35 | 9.42

20' FP: C.L. 9.69 | W/W 9.71 | C.L. 9.75 | 9.84 | [W/W] 9.87

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

None | State

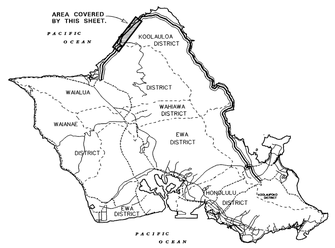
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

83B-01-98, 2001 Inter. Imp. (6.25–6.44)

83B-01-97M Resurface 1997 (5.56–5.90) | STP-083-1(45), 2000 Roadfail Remediation (5.66–5.90) | 83B-01-88M Resurface 1988 (9.34) | FR-083-1(18), (R) 1983

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #1.

5.00 mi.

III' Ohu Place | Waimea Valley Adventure Park | Waimea Bridge Waimea Beach Park Road | Kapuhi Street | Pahoa Road End Divided Hwy. | Shopping Cntr. Rds. | Pupukea Road Kapaoa Place Beg. Divided Hwy. | Puuia Road | Kumupali Road Ke Iki Road | Hakiola Road Ke Iki Road | Kahea Road Ke Iki Road | Culvert Ke Waena Road | Pukea Road Ke Waena Road | Ke Nui Road | Sunset Beach Elem. School Ehukai Beach Park | Ke Nui Road Barros Road | Ke Nui Road | Ke Nui Road | Hoalua Street Restrooms & Parking Lot | Paumalu Place Paumalu Beach Park Lifeguard Stand) Paumalu Bridge Ke Nui Road | Culvert | Kaunala Street | Culvert Road (R) | Culvert | Dairy Road

KAMEHAMEHA HIGHWAY

6 MP | 7 MP | 8 MP | 9 MP | 10 MP

Wehiwa Pl. | Kapae Place | Kaunala Bridge | Comsat Station | Mamao Street | Intl. Pinocchio | Kaunala Street

5.05 mi. | 5.52 mi. | 5.56 mi. | 5.63 mi. | 5.89 mi. | 6.15 mi. | 6.25 mi. | 6.30 mi. | 6.33 mi. | 6.36 mi. | 6.44 mi. | 6.56 mi. | 6.67 mi. | 6.70 mi. | 6.82 mi. | 6.88 mi. | 6.98 mi. | 7.00 mi. | 7.16 mi. | 7.23 mi. | 7.33 mi. | 7.36 mi. | 7.56 mi. | 7.71 mi. | 7.76 mi. | 7.89 mi. | 8.07 mi. | 8.10 mi. | 8.21 mi. | 8.33 mi. | 8.49 mi. | 8.52 mi. | 8.57 mi. | 8.71 mi. | 8.75 mi. | 8.86 mi. | 8.88 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. | 10.00 mi.

CONTINUED ON SHEET #3.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 5' AC (5.63) | 4' AC (5.95) | 5' AC | 4' AC

Pavement: Width and Type: 22' AC (5.94) | 20' AC | 10' AC | 20' AC | 22' AC (7.50)

Shoulder: Width and Type: 5' AC (5.70) | 4' AC (5.95) | 5' AC | 0 | 5' AC | 4' AC

Divided Highway

Median: Width and Type: 8.5' Paint (6.25–6.42)

Median Barriers: 0

Shoulder: Width and Type: 10' AC

Pavement: Width and Type: 5' AC

Shoulder: Width and Type

Number of Traffic Lanes: 2–11' (5.94) | 2–10' | 2–11' (7.50)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' T/Ls. (6.30–6.40)

(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

(Concrete Wall w/ Metal Railing) 5' Conc. (5.66–5.90) | Conc. (5.99–6.09) | M/M (5.71–5.89) | (Metal on Concrete) | (M/M) (5.54–5.57) | (Conc. Barrier w/ Metal Netting)

(Metal on Concrete) (8.87–8.89) | (Metal on Concrete) (9.36–9.37)

Illumination: Type, Location and Number

MV (5.13) | 11 Sodium Vapor Lamps | 21 MV (6.88) | MV (8.53)

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

Rural

Mountainous | 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 (6.33–6.50)

Traffic Station

B72 0083 00208 (5.22) | B72 0083 00522 | B72 0083 00544 (5.62–5.63) | B72 0083 00563 | B72 0083 00633 (7.88) | B72 0083 00907 (9.07)

HPMS Section

AADT (Year 2005)

17,357 (5.44) | 16,102 (6.33) | 13,494 | 7,774

DOD Sections: DOD 340

Census Tracts

Functional Classification: Principal Arterial

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits

83B-01-87M, (R) 1987 (7.49)

WDR (3)1, 1940 | (83B-01-77M, (Realign.) 1977) (6.39) | 83C-03-68, 1968 | FR-083-1(18), (R) 1983

FAP 3-A, 1928 (5.70–5.91) | FAP 3-A, 1928 | FAP 3-B, 1930 (9.25–9.35)

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan 2003, DB

Revised	
Aug. 04	D.B.
5/06	G.N.

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

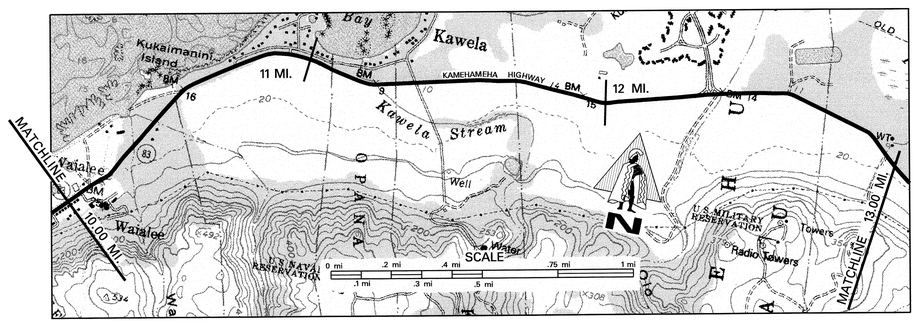
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

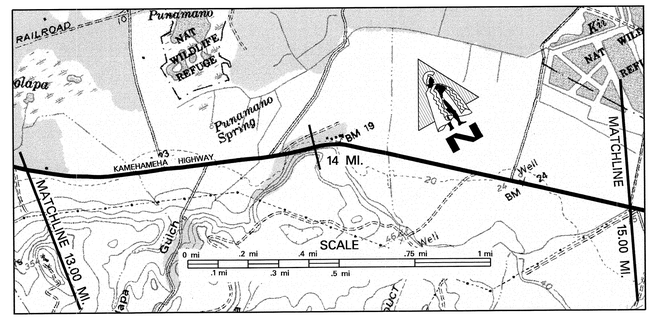
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	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

10 | 11 | 12 | 13 | 14 | 15

83B (11.97 mi.) | End 83B – Begin 83C on Kamehameha Hwy., 0.60 mi. East of Kahuku Airport Road. 14.08 | 83C (7.62 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Tee Beam 1931, H15 — 39′ (10.42) — 24′
- Tee Beam 1931, H15 — 24′ (11.22) — 24′
- Tee Beam 1931, H15 — 25′ (12.27) — 24′
- Tee Beam 1931, H15 — 26′ (13.39) — 24′

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- 50′ (Residential) 10.06
- 60′ 14.00

Available Right of Way Width (Needs Study)
- 1000′ Clear – Sugar & Pasture (R), Beach (L)

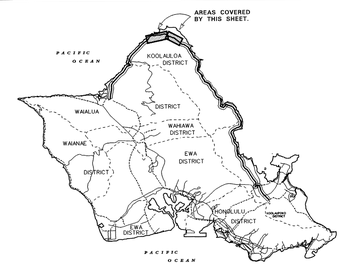
Right of Way Fence: Type – Right and Left W/W=Wire on Wood CL=Chain Link FP=From Edge of Pavement
- W/W 20′ FP 11.27 – 11.52
- CL 25′ FP 12.46 – 12.73
- 10′ FP W/W 14.05 – 14.22
- 15′ FP W/W 14.63 – 14.91

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 — 15.83

Project No., Type of Construction, and Year Constructed
- FR-083-1(18), (R) 1983 — 10.50
- 83BC-03-89M, (R) 1990



Road Diagram

* MP=Milepost Signage

10.00 mi. CONTINUED FROM SHEET #2.

Crawford Convalescent Home 10.07 mi. | Culvert 10.29 mi. | Waialee Br. 10.42 mi. | Beach Park 10.58 mi. 10.59 mi. | Pahipahialua St. 11 MP 10.98 mi. 10.99 mi. | Kawela Br. 11.22 mi. | Kawela Camp Rd. 11.36 mi. | KAMEHAMEHA | Culvert 12 MP 11.93 mi. 11.92 mi. | Paved Rd. Kuilima Br. Kuilima Dr. (Turtle Bay Hilton) 12.38 mi. 12.37 mi. 12.35 mi. | HIGHWAY | Culvert 12.82 mi. | Culvert 12.93 mi. | Marconi Rd. (Kahuku Airport Rd.) Nanahu Br. 13 MP 13.17 mi. | Kahuku Training Area 13.39 mi. 13.48 mi. | Culvert 13.62 mi. | Road 13.86 mi. 13.81 mi. | Culvert 14 MP 14.00 mi. 14.23 mi. | 15 MP 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

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

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

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

Intersection Control Devices: Type, Location and Cycle Timing
- Rolling 10.54

Traffic Station
- B72 0083 00907 — 11.93
- B72 0083 01235 — 12.35
- B72 0083 01388 — 13.88
- B72 0083 01408 — 14.08 — 14.93

HPMS Section
- 7,774 — 12.35
- 7,816 — 13.48

AADT (Year 2005)

DOD Sections
- DOD 340
- DOD 341

Census Tracts

Functional Classification — Principal Arterial

National Highway System (NHS) — NHS

Previous Projects: Project No., Date and Limits
- FR-083-1(18), (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

10 | 11 | 12 | 13 | 14 | 15

Date Released
Jan 2003, DB
Revised
Aug. 04 D.B.
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ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

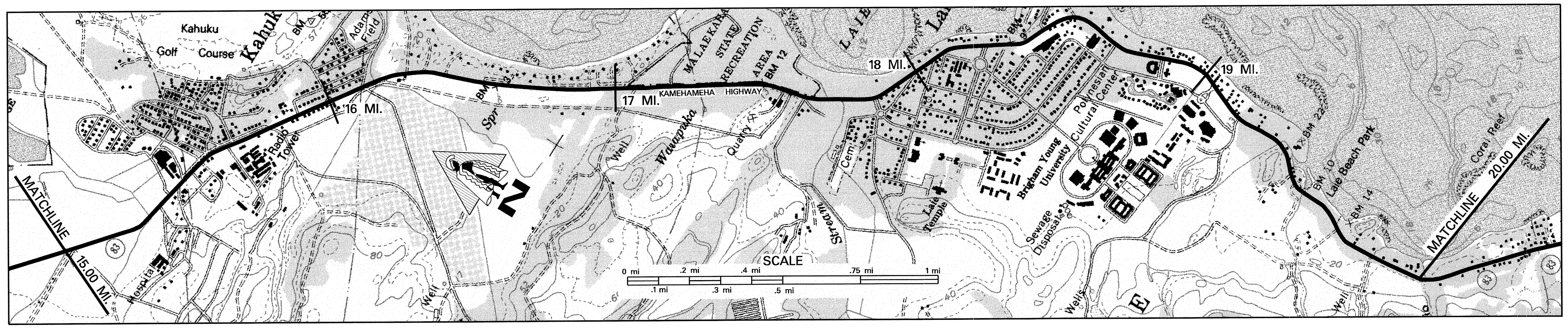
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	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 — 15 | 16 | 17 | 18 | 19 | 20

Maintenance Control Sections: Length and Description
83C (7.62 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- 15.04: Pre-stressed Conc. Planks, 2005, HL-93 — 127'
- 4 Cell Box Culvert 2005 HL-93 — 126.5'
- 16.19: Pre-Stressed Conc. Girder 1999, HS-20-44 — 107'
- 17.66: Slab 1933, H15 — 91'
- 18.31: Tee Beam 1932, H15 — 26'
- 19.50: Slab 1933, H15 — 90'

Vertical Clearance: —

Horizontal Clearance: 40' | 40' | 40' | 24' | 24' | 24'

Structure Over Road — Vertical Clearance: — ; Horizontal Clearance: —

Right of Way Width (min.–max.) if varies: 60' (to 16.07); 50'

Available Right of Way Width (Needs Study): 1000' Clear–Sugar & Pasture (R), Beach (L) (to 15.40); Residential (15.40–16.15); Trees and Brush (16.15–17.82); Residential (17.82–19.27); Trees and Brush (19.27–)

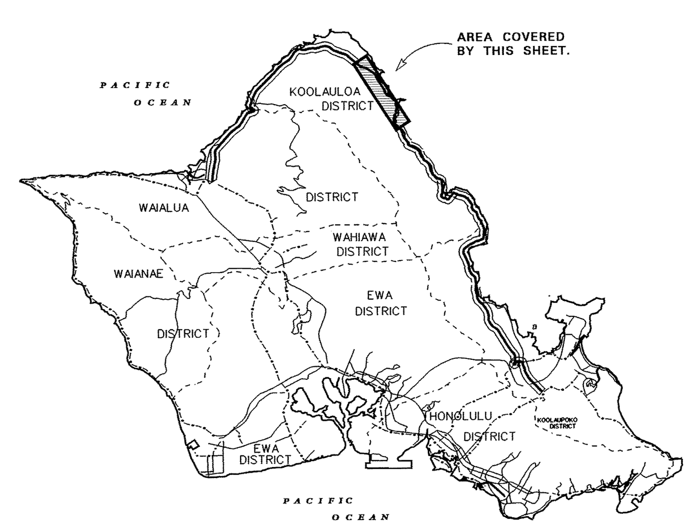
Right of Way Fence: Type – Right and Left (W/W=Wire on Wood CL=Chain Link SW=Stone Wall FP=From Pavement)
- 15.07–15.30: W/W, 15' FP; .16–15.35: W/W 30' FP
- 15.69–15.82: 20' FP CL
- 15.99–16.03: CL 20' FP
- 16.29–17.48: 15' FP W/W; 16.43–16.47 (W/W)
- 17.01–17.23: W/W
- 17.86–17.95: Conc. 10' FP
- 18.05–18.12: W/W
- 18.21–18.27: 10' FP SW
- 18.69–18.79; 18.91–18.95; (Wood on Wood) 19' FP 19.03–19.08
- 19.20–19.27: 19' FP W/W
- 19.78–19.82: (Wood on Wood) 19' FP; 19.82: SW 12' FP; 9.82 SW 12' 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
- STA 623+65 – STA 644+54 (to 15.38): NH-083-1(46) Drainage Imp, 2005
- (BR-083-1(27), Bridge Replacement 1999) 16.09–16.30
- 17.82–18.39: NH-083-1(31), Resurface 1996
- (STP-083-1(44), Traffic Signals 2000)
- 18.45–: NH-083-1(31), Resurface 1996

Project No., Type of Construction, and Year Constructed
- 83BC-03-89M, (R) 1990 (to 15.80)
- 83C-01-86M, (R) 1986 (15.80–19.64)
- 83C-01-81M, (R) 1981 (19.64–)



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #3. 15.00 mi.

KAMEHAMEHA HIGHWAY

Milepoint	Feature
15.04 mi.	Kii Br. (STA 625+86.21)
15.11 mi.	Paved Rd.
15.33 mi.	Hospital Culvert (STA 641+77.32)
15.35 mi.	Beg. Divided Hwy.
15.38 mi.	Pualalea St.
15.49 mi.	Kahuku Sugar Mill
15.59 mi.	Road
15.60 mi.	End Divided Hwy.
15.70 mi.	Puuluana St. / Kahuku Elem. & High School Rd.
15.81 mi.	High School Exit
15.91 mi.	16 MP
15.93 mi.	Paved Rd. (L)
16.05 mi.	Paved Rd.
16.15 mi.	Paved Rd.
16.19 mi.	Malaekahana Br.
16.43 mi.	Puu Honua Rd.
16.49 mi.	Ent. to Malaekahana Beach Park
16.93 mi.	17 MP
17.05 mi.	Gunstock Ranch
17.20 mi.	Rd. to Malaekahana Beach Park
17.55 mi.	Road
17.56 mi.	Wahinepee Place (County Baseyard)
17.66 mi.	Laiewai Br.
17.83 mi.	Naniloa Loop
17.97 mi.	Wahinepee St.
18.04 mi.	Lanihuli St.
18.09 mi.	Kulanui St.
18.23 mi.	Halelaa Blvd.
18.31 mi.	Laieloa Br.
18.34 mi.	Beg. Divided Hwy.
18.37 mi.	Shopping Cntr.
18.43 mi.	Anemoku St.
18.54 mi.	End Divided Hwy.
18.70 mi.	Naniloa Loop
18.86 mi.	Paved Rd.
18.87 mi.	19 MP
18.91 mi.	Polynesian Cultural Cntr.
19.00 mi.	Beg. Divided Hwy.
19.05 mi.	Polynesian Cultural Cntr.
19.16 mi.	End Divided Hwy.
19.19 mi.	Polynesian Cultural Cntr.
19.33 mi.	Culvert (Wailele Strm.)
19.50 mi.	Laiemaloo Br.
19.59 mi.	Beach Park Road
19.83 mi.	20 MP
19.84 mi.	Culvert

CONTINUED ON SHEET #5. 20.00 mi.

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

Divided Highway — Undivided

Shoulder: Width and Type — 4' AC (to 15.81); 40' Grass (15.81–16.09); 6' AC (–16.30); 8'–13' Grass (16.30–17.00); 16'–22' Grs. (17.00–17.25); 10'–16' Grass (17.25–17.69); 8'–14' Grass (17.69–17.82); 16'–18' Grass (17.82–18.17); 8'–10' Coral (18.17–18.32); 3' AC (18.32–18.88); 10'–12' Grass/Coral (18.88–)

Pavement: Width and Type — 22' AC (to 15.35); 11' AC (15.35–15.60); 22' AC (15.60–16.09); 24' AC (16.09–16.30); 22' AC (16.30–18.34); 11' AC (18.34–18.54); 22' AC (18.54–19.00); 11' AC (19.00–19.16); 22' AC (19.16–)

Shoulder: Width and Type — 4' AC (to 15.35); 0 (15.35–15.60); 2' AC (–15.81); 20'–24' Dirt (15.81–); 6' AC (–16.30); 6'–12' Grass (16.30–17.06); 8' Grass (17.06–17.59); 6'–10' AC/Grv. (17.59–17.69); 6' Grass (17.69–17.84); 6'–22' Grass (17.84–18.02); 3' AC (18.02–18.34); 0 (18.34–18.54); 8'–10' Grass (18.54–18.90); 10' AC (18.90–19.00); 0 (19.00–19.16); 10' AC (19.16–19.27); 8' Grass/Dirt (19.27–19.62); 10' Grv. (19.62–19.72); 8' Grass (19.72–)

Divided

Median: Width and Type — 0'–10' Painted AC (15.35–15.60); 0'–10' Painted AC (18.34–18.54); 0'–10' Painted AC (19.00–19.16)

Median Barriers: —

Shoulder: Width and Type — 0 | 0 | 0

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

Shoulder: Width and Type — 2' AC | 3' AC | 10' AC

Number of Traffic Lanes: 2–11' (to 16.09); 2–12' (16.09–16.30); 2–11' (16.30–)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 15.47–15.49, 15.55; 18.37–.40, 18.50; 19.13
(Right Side) — 15.34, 15.38, 15.44, 15.49; .39, 18.43; 18.93, .98, 19.05

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

Sidewalk: Width and Type (Right and Left) — 15.43–15.69: 4' AC S.W.; 15.72–16.28: 6' AC S.W.; .67–17.74: (4' AC S.W.); 17.71–17.73; 18.39 (8' AC); 18.43, 18.45 (11' AC); (10' AC)

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

Protective Devices: Type, Location and Number (M/M = Metal Rails on Metal Posts) — 17.69 (M/M); (M/M)

Illumination: Type, Location and Number — Mercury Vapor (15.40–16.20); 36 HPS Luminaires (16.20–17.20); 17.64–18.03: 14 Sodium; Mercury Vapor (18.03–19.44)

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 (to 17.66); Small Urban (17.66–19.33); Rural (19.33–)

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

Speed: 1–Design, 2–Posted — 45 MPH (2) (to 15.28); 35 MPH (2) (15.28–16.23/16.27); 45 MPH (2) (16.27–17.71); 35 MPH (2) (17.71–17.89); School Zone – 25 MPH (2) (17.89–18.43); 25 MPH (2) (18.43–19.21/19.25); 35 MPH (2) (19.25–)

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase (18.43)

Traffic Station — B72 0083 01408; B72 0083 01538; B72 0083 01618; B72 0083 01628; B72 0083 01655; B72 0083 01744; B72 0083 01765; B72 0083 01870; B72 0083 01934

HPMS Section — 16.18; 16.28; 16.55; 17.64; 18.46; 19.33

AADT (Year 2005) — 7,816 (to 15.38); 11,773 (15.38–17.44); 12,603 (17.44–17.65); 13,495 (17.65–18.70); 12,391 (18.70–19.34); 12,811 (19.34–)

DOD Sections: DOD 341

Census Tracts: —

Functional Classification: Principal Arterial

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits
- C-83-02-66, (R) 1966 (to 15.69)
- FAP 3-E, 1931 (to 15.34); FAP 3-E, 1937 (15.34–15.68); FAP 1-E, 1932 (15.68–16.32)
- 83 DF-01-69, (R) 1969 (to 19.66)
- FAP 1-D, 1933 (to 18.44, 1383+00); (FAP 1-E, 1932); 18.57 (1375+00); FAP 1-D, 1933 (to 19.94); (FAP 1-E, 1932)

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

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

ROAD INVENTORY

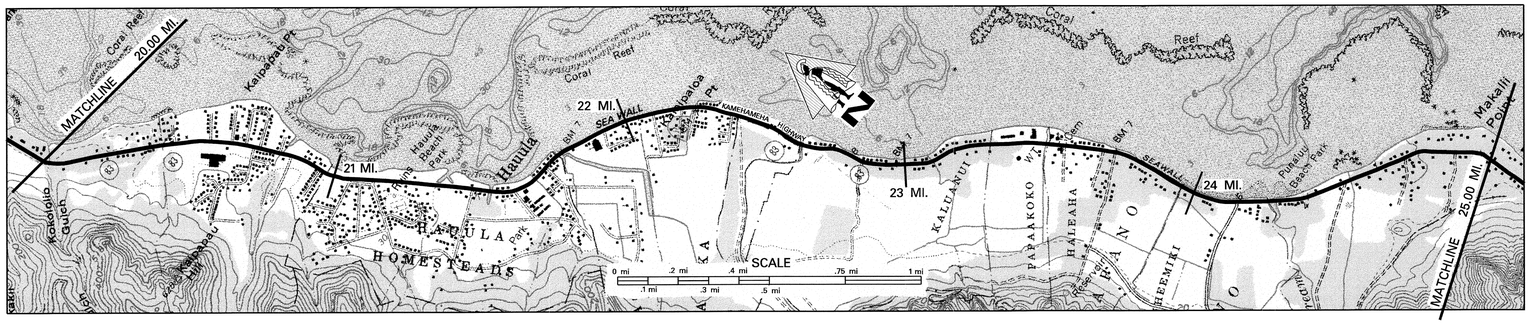
OAHU RTE 83
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

83C (7.62 mi) | End 83C – Begin 83D at Hauula Homestead Road. (21.70) | 83D (12.61 mi.)

Structure Carrying Road

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

TBM 1932, H15 24′ (20.01) | TBM 1932, H15 82′ (20.79) 25′ (20.95) | Slab 1932, H15 110′ (21.38) | TBM 1932, H15 26′ (21.49) 24′ (21.65) | Slab 1926, H15 54′ (21.75) | Slab 1926, H15 72′ (22.22) | Slab 1926, H15 126′ (22.67) | Slab 1926, H15 37′ (23.91) | Slab 1926, H15 126′ (24.21)

Vertical Clearance

24′ | 24′ | 24′ | 23′ | 24′ | 24′ | 23′ | 23′ | 23′ | 23′ | 23′

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 50′

Available Right of Way Width (Needs Study)

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

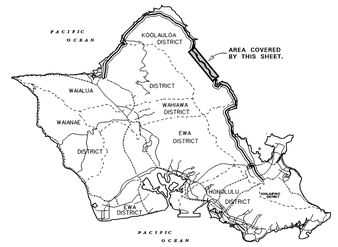
Trees & Brush (20.01–20.53) W/W 12′ FP (SW)–12′ FP | Residential (21.00–21.61) W/W 20′ FP, (W/W) 15′–20′ FP, SW | Residential (R), Beach (L) (22.88–23.97) W/W 50′ FP, 50′ FP (W/W)

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: NH–083–1(31), Resurface 1996 | 83D–01–96M, Resurface 1997

Project No., Type of Construction, and Year Constructed: 83C–01–81M, (R) 1981 | 83 DEF–01–82M, (R) 1983



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #4.

20.00 mi. Laie Br. | 20.01 mi. Kokololio Beach Park | 20.21 mi. Kokololio Beach Park | 20.31 mi. Kaupau Place | 20.39 mi. Kahikole Place | 20.44 mi. Kaipapau Br. | 20.78 mi. Piplani Place | 20.79 mi. Kaipapau Loop | 20.81 mi. Kaipapau Loop | 20.85 mi. Shopping Center Exit | 20.87 mi. Shopping Center Exit | 20.92 mi. Hauoli Place | 20.95 mi. Kaipapau Loop | 21.03 mi. Waiplopilo Br. | 21.10 mi. Imua Place | 21.31 mi. Waikulama St. | 21.43 mi. Hauula Homestead Rd. | 21.49 mi. Muliwai Br. | 21.57 mi. Kukuna Rd. | 21.65 mi. Hauula Br. | 21.70 mi. Hauula Elem. School | 21.75 mi. Waipuhi Br. | 21.86 mi. Hauula Homestead Rd. | 21.92 mi. Maheiwi Br. | 22.10 mi. Makao Rd. | 22.22 mi. Paved Rd. | 22.36 mi. Waimanana Br. | 22.42 mi. Pokiwai Place | 22.61 mi. Sacred Falls Park Entrance | 22.83 mi. Sacred Falls Rd. | 22.94 mi. Kaluanui Br. | 23.07 mi. Puhuli Rd. | 23.28 mi. Culvert | 23.37 mi. Culvert | 23.44 mi. "Part's" at Punaluu | 23.55 mi. "Part's" at Punaluu | 23.66 mi. Culvert | 23.91 mi. Queen Liliuokalani Children's Center | 24.11 mi. Haleaha Road (no sign) | 24.20 mi. North Punaluu Br. | 24.21 mi. Punaluu Valley Road Culvert | 24.39 mi. Punaluu Br. | 24.46 mi. Culvert Green Valley Road (no sign) | 24.50 mi. Culvert | 24.74 mi. Culvert | 25.00 mi. CONTINUED ON SHEET #6.

KAMEHAMEHA HIGHWAY

21 MP | 22 MP | 23 MP | 24 MP

"Ronda" at Punaluu Community

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: (10′–12′ Grs./Coral) 16′–18′ Grass (20.22–20.28) | 8′–10′ Grass (20.28–20.38) | 12′–14′ Grass (20.38–20.58) | 16′–18′ Grs./Coral (20.58–21.71) | 4′ AC (21.71–22.67) | 14′ AC (23.40–23.54) | 4′ AC (23.54–24.21)

Pavement: Width and Type: 22′ AC (20.05–20.65) | 24′ AC (20.65–21.13) | 24′ AC (22.67–23.40)

Shoulder: Width and Type: 8′–10′ Grass (20.05–20.28) | 14′ Grass (20.28–20.65) | (8′–12′ AC) 6′–10′ Grass (20.65–20.78) | 8′–10′ Grv. (20.78–21.20) | (12′ AC) ½ Grs. (21.20–21.31) | 9′ AC (21.31–21.71) | 5′ AC (21.71–23.40) | 4′ AC (23.40–23.54) | 5′ AC (23.54–24.21)

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′) 20.05 | 2–12′ (20.05–20.63) | 2–11′ (20.63–21.13) | 2–12′ (21.13–24.21)

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) 20.05–20.20 | (M/M) 20.49–20.63

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

Illumination: Type, Location and Number: MV / Incandescent (20.11–24.21)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

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

Speed: 1–Design, 2–Posted: (School Zone – 25 MPH (2)) 21.47–21.59 | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B72 0083 01934 | B72 0083 02170 | B72 0083 02470

HPMS Section: 20.79 | 24.19 | 24.70

AADT (Year 2005): 12,811 | 21.79 | 9,831 | 9,490

DOD Sections: DOD 341

Census Tracts

Functional Classification: Principal Arterial

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits: (FAP –1E, 1932) 20.07 | FAP 1-D, 1933 | 21.70–21.72 | 83 DE-01-69, (R) 1969 | 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.

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

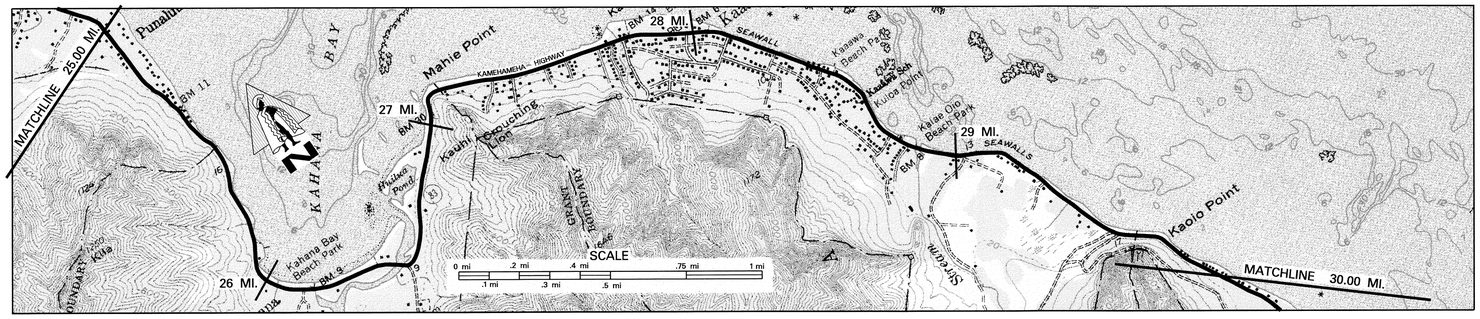
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	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′ (25.16–26.22) | Slab 1927, H15 90′ (26.44–27.30) | TBM 1927, H15 44′ (27.70–28.22) | Slab 1927, H15 126′ (28.52–29.80)

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)

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

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

25.17–25.51 10′ FP W/W | 26.30–26.37 10′ FP W/W | 26.37–26.56 CL | 26.56–27.07 CL | 27.07–27.72 CL | 27.72–27.86 10′ FP | 28.33–28.47 15′ FP | 28.47–28.56 W/W | 28.56–28.58 CL | 28.79–28.95 15′ FP W/W | 28.95–28.98 W/W | 28.98–29.03 SW | 29.03–29.27 15′ FP | 29.48–29.61 15′ FP W/W | 29.61–29.87 15′ FP W/W

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

None

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

State

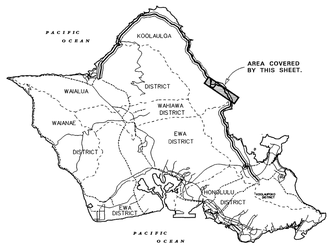
STA 913+00 (27.13–27.19)

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

25.00 mi. CONTINUED FROM SHEET #5.

Kahana Bay Wharf 25.27 mi. | Culvert 25.86 mi. | Kahana Br. Kahana Valley State Park 26.03 mi. | Parking Area 26.12 mi. | Kahana Br. 26.16 mi. | Trout Farm Road 26.31 mi. | Kahana Br. 26.35 mi. | KAMEHAMEHA | Driveways to Crouching Lion 26.48 mi. | Street 27.18 mi. | Keo Place 27.27 mi. | Lau Place 27.45 mi. | Keo Place 27.52 mi. | Fire Station (R) Hale Mohalu Rd. 27.71 mi. | Makaua Rd. 27.73 mi. | Makaua Br. 27.85 mi. | Sweeny Beach Park 27.89 mi. | Hi'iaka Rd. 27.93 mi. | HIGHWAY | Pollinaline Rd. Culvert 28.03 mi. | Culvert Puakenikeni Rd. 28.07 mi. | Ohelokai Rd. 28.23 mi. | Kaaawa Beach Park 28.26 mi. | Kaaawa Elem. School 28.39 mi. | Kaaawa Br. Culvert Pohuehue Rd. 28.46 mi. | Kaaawa Place 28.61 mi. | Kaaawa Br. Culvert 28.72 mi. | 28.82 mi. | 28.92 mi. | 29.35 mi.

25 MP | 26 MP | 27 MP | 29 MP

CONTINUED ON SHEET #7. 30.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type

4′ AC (25.20–25.30) | 6′–8′ Grass (25.43–25.61) | 10′–12′ Grass (25.61–26.09) | 4′ AC (26.09–26.91) | 4′–6′ AC (26.91–27.11) | 6′–12′ AC (27.11–27.24) | 6′ AC

Pavement: Width and Type

24′ AC (25.61–26.46) | 20′ AC (26.46–27.11) | 22′ AC

Shoulder: Width and Type

5′ AC (25.20–25.30) | 7′–10′ Coral (25.30–25.59) | 0 (25.59–25.61) | 8′–10′ Grass (26.09–26.46) | 4′ AC (26.46–26.60) | 8′ AC/Grs. (26.60–27.11) | 10′ AC (27.11–27.19) | 6′ AC

Divided Highway – Median

Median: Width and Type

Median Barriers:

Divided Highway – Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2–12′ (25.51–26.66) | 2–10′ (26.66–27.11) | 2–11′

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

4′ B.P. S.W. (28.28–28.42)

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 M/M (25.41–25.50) | M/M (25.50–25.96) | M/M (26.15–26.21) | M/M (26.21–26.43) | M/M (26.43–26.51) | (M/M) (26.70–26.73) | M/M (26.82–27.05) | (M/M) (27.05–27.16) | M/M (27.16–27.31) | (27.31–27.74) | (28.29–28.37) | (28.78–28.80) | (28.80–28.87) | (29.40–29.44) | (29.55–29.66) | (29.66–29.77)

Illumination: Type, Location and Number

MV / Incandescent

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Rural

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

Flat (25.39–25.86) | Rolling (25.86–27.86) | Flat (28.38–28.57) | (29.27–29.35)

Speed: 1–Design, 2–Posted

35 MPH (2) | School Zone– 25 MPH (2) | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

B72 0083 02470 (25.39–25.83) | B72 0083 02539 9,490 (25.83–26.59) | B72 0083 02593 (26.59–27.11) | B72 0083 02659 26.96 | B72 0083 02722 (27.11–27.22) | B72 0083 02744 27.65 (27.44–28.07) | B72 0083 02807 10,750 | B72 0083 02925 29.35 (29.35–29.86) | B72 0083 02951 (29.86–29.87) | B72 0083 02385 10,386 (29.51–29.87)

HPMS Section

AADT (Year 2005)

DOD Sections

DOD 341

Census Tracts

Functional Classification

Principal Arterial

National Highway System (NHS)

NHS

Previous Projects: Project No., Date and Limits

83 DEF-01-82M (R) 1983 (25.20–26.09) | 83 DF-01-69, (R) 1969 | 83 DF-01-69, (R) 1969 (26.09–26.59) | FR-083-1(17), Resurface 1983 (26.59–27.50) | 83E-02-68, 1968 (26.91) | 83D-01-72, 1973 (27.25–27.36) (Job # 5616, 1952) | FAP 1, 1925 | 83D-01-86M, Resurface 1987 | 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.*

ROAD INVENTORY

OAHU RTE 83
KAMEHAMEHA HIGHWAY

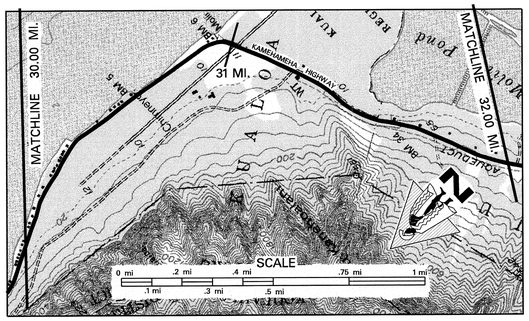
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

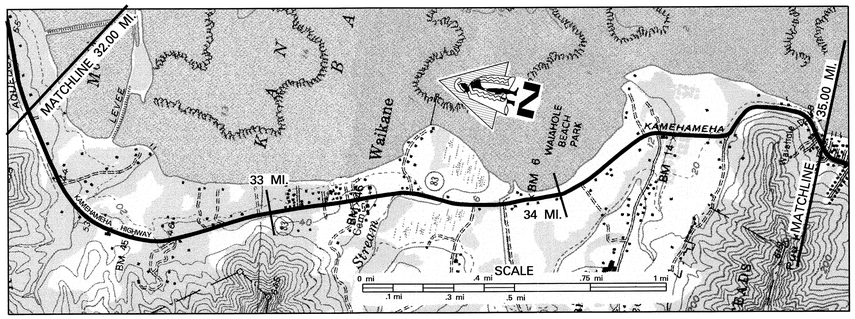
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	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

30 | 31 | 32 | 33 | 34 | 35

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′ | 44′ | 54′ | 66′

Horizontal Clearance: 23′ | 23′ | 23′ | 23′

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 50′

Available Right of Way Width (Needs Study)

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

Residential: 15′ FP W/W | 10′ FP [W/W] | 15′ FP W/W | 10′ FP W/W | 15′ FP W/W

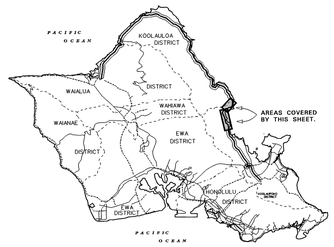
Pasture & Residential: 15′ FP W/W | 20′ FP W/W | [W/W] 12′ FP | 20′ FP (W/W) | 20′ FP W/W

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

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

Project No., Type of Construction, and Year Constructed: STA 518+50; N–083–1(43), RESURFACE 2005

Project No., Type of Construction, and Year Constructed: STA 619+00; STP–083–1(28), Resurface 1996



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #6.

30.00 mi.

Telemetry Station Old Sugar Mill Smoke Stack 30.37 mi. | Kualoa Ranch Rd. 30.59 mi. 30.68 mi. | Beg. Divided Hwy. 30.74 mi. | End Divide Hwy. 31.01 mi. 30.96 mi. | Kualoa Maintenance Yard 31.11 mi. | Culvert 31.22 mi. | Culvert 31.40 mi. | Johnson Rd. 31.54 mi. | Hakipuu Br. 31.92 mi. | Tourist Shops 32.20 mi. | Culvert 32.30 mi. 32.42 mi. | Kamaka Place 32.86 mi. | Haupoa St. 33.09 mi. | Waikane Br. 33.19 mi. | Waikane Valley Rd. 33.54 mi. | North Waiahole Br. 33.65 mi. | Culvert 33.73 mi. | Culvert 33.83 mi. | Culvert 33.94 mi. | Waiahole Valley Road 33.98 mi. | Waiahole County Br. 34.35 mi. 34.31 mi. | Waiahole Hmstd. Road 34.53 mi. 34.51 mi.

KAMEHAMEHA HIGHWAY

30 MP | 31 MP | 32 MP | STA 619+00 | 34 MP

CONTINUED ON SHEET #8.

35.00 mi.

Divided Highway – Undivided

Shoulder: Width and Type: 6′ AC

Pavement: Width and Type: 22′ AC | 12′–14′ AC | 22′ AC | 4′ AC

Shoulder: Width and Type: 6′ AC | 6′ AC | 11′ AC | 6′ AC | 7′ AC | 12′ AC | 3′–5′ AC

Divided Highway

Median: Width and Type: 0 | 0

Median Barriers: M/M | M/M | M/M | Inertial Barrier System | M/M | MV

Shoulder: Width and Type: 11′ AC | 11′ AC

Pavement: Width and Type: 6′ AC | 6′ AC

Shoulder: Width and Type: 3′–5′ AC S.W.

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 M/M = Metal Rails on Metal Posts

Illumination: Type, Location and Number: Incandescent | Mercury Vapor | 21 MV Lamps | 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 | Small Urbanized

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B72 0083 02985 | B72 0083 03115 | B72 0083 03306 | B72 0083 03431

HPMS Section: 30.59 | 33.06 | 33.25 | 34.31

AADT (Year 2005): 10,386 | 11,645 | 17,200

DOD Sections: DOD 341

Census Tracts

Functional Classification: Principal Arterial

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits

83D–01–86M (R) 1987 | 83D–01–88M, Resurface 1988 | F–083–1(22), Resurface 1986

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

83E–01–74, (R) 1975

County Project

83E–02–68, 1968

FAP 1, 1925 | FAP 1B, 1927 | (FAP 1A, 1925)

711+00 – 695+02.17 | 526+00 – 519+25

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.

ROAD INVENTORY

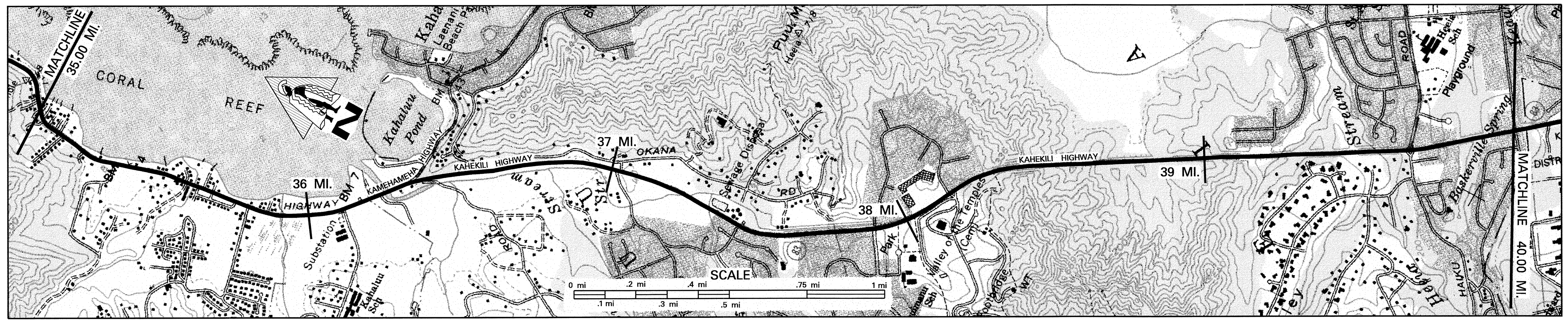
OAHU RTE 83
KAMEHAMEHA HWY., KAHEKILI HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

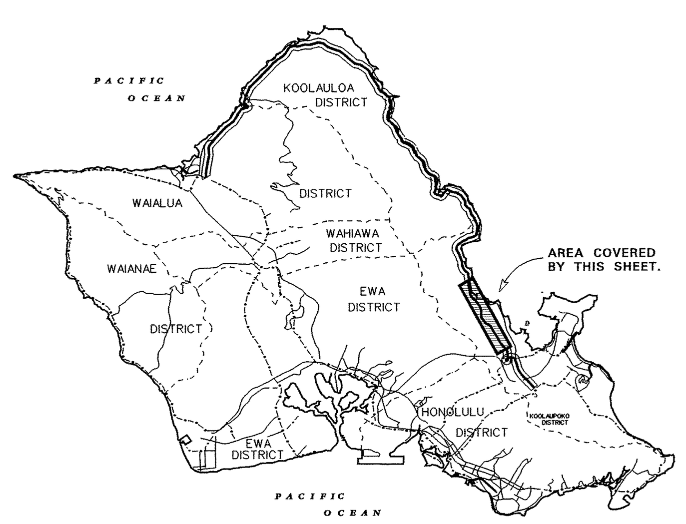
Total Designated Route Length:	43.92	MILES (a+b)
a. Existing Length:	43.92	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	43.92	MILES (a+b, less c)
a. Existing Length:	43.92	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



SCALE: (In Miles) 4" = 1 mile — 35 | 36 | 37 | 38 | 39 | 40

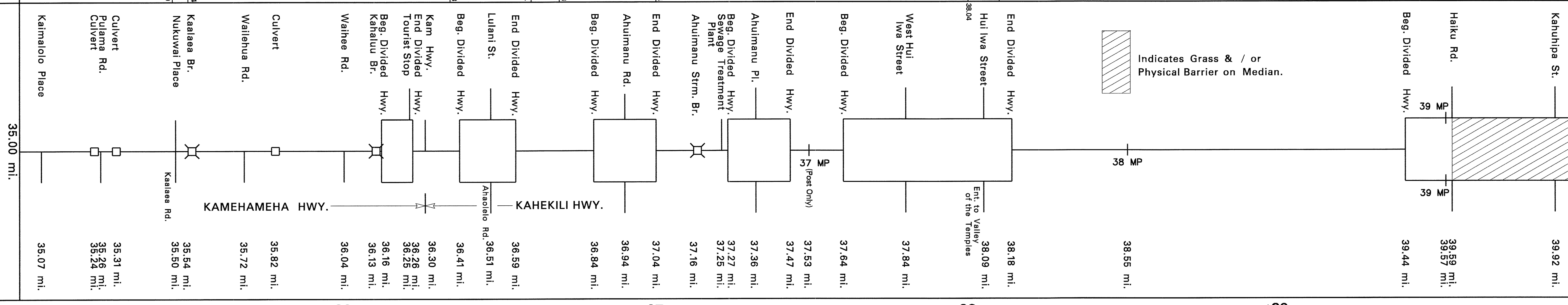
Item	Entries (milepost 35 to 40)
Maintenance Control Sections: Length and Description	83E (1.82 mi.); 36.13 End 83E – Begin 83F on Kam. Hwy., at N.W. end of Kahaluu Bridge.; 83F (4.55 mi.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Slab 1923, H10 41' (35.54); Slab 1922, H10 90' (36.13); P/CB 1971, HS20 82' (37.16)
Vertical Clearance	
Horizontal Clearance	23' (35.54); 23' (36.13); 46' (37.16)
Structure Over Road — Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	50'; 36.16; 170'–230'; 37.22; 120'
Available Right of Way Width (Needs Study)	Residential Area
Right of Way Fence: Type – Right and Left W/W=Wire on Wood FP=From Pavement	35.79 15' FP W/W 36.14; 37.28 50' FP W/W 37.49; 39.85 W/W 39.96; 39.99 (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; County to State – Phase 3 (eff. 1/1/80); (64+16.39)
Project No., Type of Construction, and Year Constructed	STP-083-1(28), Resurface 1996; 36.19; 36.37; 83F-01-97M, Resurface 1998; 39.57 NH-083-1(49), Landscaping, 2006
Project No., Type of Construction, and Year Constructed	F-083-1(22), (R) 1986 35.49; 35.54 83EF-02-86 (R) 1987; 36.38 83F-02-91, 1993 Inter. Imprv. 36.64; 36.73 83F-02-91, 1993 Inter. Imprv. 37.04; (STP-083-1(29), 3 Phase Traffic Signal 1996) 38.04; 38.14; 39.39 NH-083-1(26), Widening 1997



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #7.



CONTINUED ON SHEET #9. 40.00 mi.

SCALE: (In Miles) 4" = 1 mile — 35 | 36 | 37 | 38 | 39 | 40

Item	Entries (milepost 35 to 40)
Undivided — Shoulder: Width and Type	(4' AC) 35.04; 35.12 4' AC; 4' Dirt; 36.14 2'–10' AC; 12' AC; 37.18 4' AC; 37.90 10' AC 38.05 4' AC 38.11 10' AC; 38.30 8' Dirt; 38.89 8'–10' AC/Dirt; 39.11 10' AC; 6'–10' AC; 5' Conc. Bike Lane
Pavement: Width and Type	(10'–12' AC) 22' AC; 35.51 21' AC; 11' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC 39.92 36' AC
Shoulder: Width and Type	3'–5' AC; 0; 0; 12' AC; 0; 12' AC; 0; 12' AC; 4' AC; 0; 10'–12' Grass; 0; 10' AC; 8' Dirt; 38.89 6' AC/Dirt; 39.11 10' AC; (12'–22' Painted AC) 0 (14' Conc. Median Barrier Planter with Shrubs)
Divided Highway — Median: Width and Type	0'–12' Paint; 0'–12' Paint; 0'–12' Paint; 0'–6' Paint; 0'–8' Paint; 0'–10' Paint; (12'–22' Painted AC)
Median Barriers: —— = Conc. Barrier	36.16; 36.26; 36.41; 36.59; 36.84; 37.04; 37.27; 37.47; 37.64; 38.18; 39.44; 39.59; (2' Conc. Barrier) 39.70 0 39.83; (2' Conc. Barrier)
Shoulder: Width and Type	0; 0; 0; 0; 0
Pavement: Width and Type	11' AC; 12' AC; 12' AC; 12' AC; 12' AC; 12' AC 39.50 24' AC; 36' AC
Shoulder: Width and Type	2'–12' AC; 12' AC; 12' AC; 4' AC 37.40 10'–12' Grass; 10'–12' Grass 38.11 0; 4' AC; 5' Conc. Bike Lane
Number of Traffic Lanes	2–11'; 35.51 2–10.5'; 2–11' 36.37; 2–12'; 1–12' 1–12' 2–12'; 2–12' 3–12'; 3–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	36.30 36.35 12' T.Ls. 36.51 36.59; 12' T.Ls. .90 .99 37.02; 37.36 37.40; 37.92 38.09 38.14
(Right Side)	1–10' T.L. 36.22 36.25; 36.43; 36.87 36.94 .89; 37.73 37.81 .78; 38.00; 39.47 39.59 .65 .68 .71 39.81 39.92
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	3'–5' AC S.W. 36.18; 37.84 5' CONC S.W. 7' AC 38.17; 39.59 6' Conc. S.W.; 6' Conc. S.W.
Curb and/or Gutter: Type (Right and Left)	M/M 37.39; 37.82 37.85; 38.09; 38.82; 39.99
Protective Devices: Type, Location and Number M/M= Metal Rails on Metal Posts M/C = Metal Rails on Conc. Posts	36.34 M/M 36.45; 37.15 (M/C); 37.36 37.44 M/C; M/C; 38.13 M/C 38.22 M/C; 38.42 M/M 38.55 M/M 38.61 M/M; M/M 39.00; 39.10 M/M M/M 39.27; 39.44 M/M M/M 39.59 39.60 39.65 M/M M/M 39.86 39.95
Illumination: Type, Location and Number	Incandescent; 36.18 MV; 36.32 14 HPS; 36.80 24 HPS; 37.18; 37.49 HPS; 39.59; 39.79 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
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling 35.17; Flat; 36.28; 37.83; Rolling
Speed: 1–Design, 2–Posted	35 MPH (2); 37.70 37.80 (School Zone – 25 MPH (2)); 38.09 38.15; 45 MPH (2); 39.41 39.48; 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	36.94 3 Phase; 3 Phase 37.36; 37.84 3 Phase; (B72 0083 03955); 39.59 2 Phase; 3 Phase 39.92
Traffic Station	B72 0083 03431; B72 0083 03554; B72 0083 03604; B72 0083 03630; B72 0083 03660; B72 0083 03736; B72 0083 03745; B72 0083 03753; B72 0083 03820; B72 0083 03910; B72 0083 03940; B72 0083 03959; (B72 0083 03992)
HPMS Section	35.54; 36.04; 36.13; 36.60; 37.20; 37.45; 37.53; 37.99; 39.10; 39.40; 39.55; 39.74
AADT (Year 2005)	17,200; 36.30 16,729; 37.36 21,351; 38.20 28,394; 39.59 30,366 39.92; (39,610)
DOD Sections	DOD 341 36.32; DOD 345
Census Tracts	
Functional Classification	Principal Arterial
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	35.54; 83EF-02-86, (Reconstruct & Resurface) 1987; 39.42 83F-01-86, Imprv. 1987; 37.20 83F-01-88M, (R) 1988 38.12; HES-ROS-083-1(12), (Safety Imprv.) 1986; 37.63 HES-083-1(16), 1981 38.04; 83E-01-74 (R) 1975 35.57 83E-01-73(W), 1975 36.32; 37.18 FR-083-1(14), (R) 1981 38.31; County Project 36.18; BD 67-320 1969 37.24; County Project; 242+50; 186+45

SCALE: (In Miles) 4" = 1 mile — 35 | 36 | 37 | 38 | 39 | 40

Date Released	
Jan 2003, DB	
Revised	
5/06	G.N.
3/07	D.B.

ROAD INVENTORY

OAHU RTE 83

KAHEKILI HWY., LIKELIKE HWY., KAMEHAMEHA HWY.

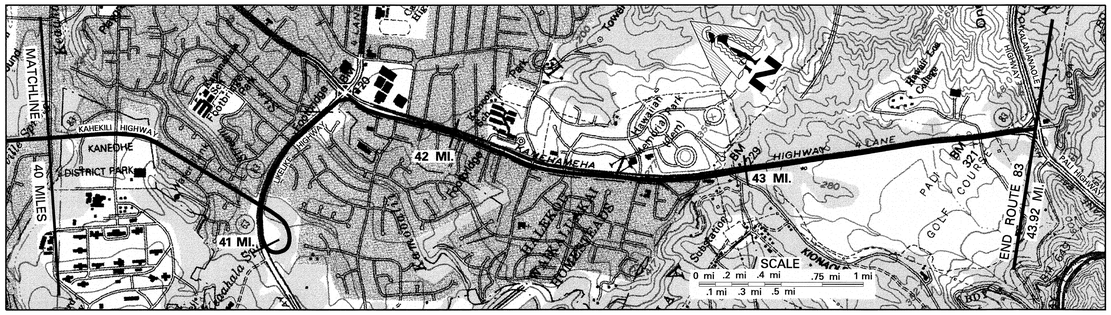
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total 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' | 120'

Structure Carrying Highway Over Road

Vertical Clearance
15' 10" | 16' 2"

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)

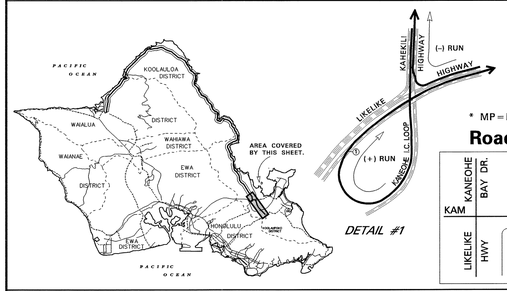
Right of Way Fence: Type – Right and Left
CL | WD/W | (WD/W) | SW | CL | CL

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
C to S Phase 3 (eff. 1/1/80) | State

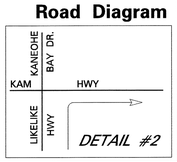
Project No., Type of Construction, and Year Constructed
NH–083–1(49), 2006 Landscaping | (63A–01–89M, 1990) | 83G–01–03M, Resurfacing, 2006
NH–083–1(26), Widening 1997 | I–H3–1(72), 1996 | 63A–01–89M, 1990 | NH–083–1(41), Resurface 2000 | I–IR–H3–1(24):11 Halekou Interchange, 1988 | FR–083–1(15) (R),1982

Project No., Type of Construction, and Year Constructed



* 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) | Culverts | Pedestrian O.P. Aroi Rd. | Kamehameha Hwy. Likelike Hwy. Kaneohe Bay Dr. | Luluku Rd. | Kaakahiko Rd. | Duncan Dr. | Puahuula Pl. | Kaneohe Sch. Rd. | Mokulele Dr. | Hwy. Mem. Pk. | Hwy. Mem. Pk. | Koolau View Dr. | Kionele Rd. (Kahiko St.) | Ramp "E" | Ramp "F" | Ramp "G" | Ramp "H" | Ramp "I" | Ramp "C" | Hawaii Loa College | Culvert

SEE DETAIL #1 | SEE DETAIL #2

KAHEKILI HWY. | NO TRAVELWAY (–) RUN | LIKELIKE HWY. | KANEOHE I.C. LOOP (+) RUN | LIKELIKE HWY. | KAMEHAMEHA HWY.

ECB | 41 MP 42.05 | 42.86 | 42 MP 43.08 | 43 MP

SEE POINT ON DETAIL #1

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. | 42.12 mi. | 42.24 mi. | 42.34 mi. | 42.59 mi. | 42.66 mi. | 42.77 mi. | 42.88 mi. | Ramp "A" | Ramp "B" | Ramp "D" | Kamoaalii Br. | Kahekili Hwy. Separations | Pali Golf Course Rd. | 43.71 mi. | 43.80 mi. | 43.91 mi.

END ROUTE 83 ON KAMEHAMEHA HWY. AT THE NORTHWEST EDGE OF PAV'T OF KALANIANAOLE HWY. & PALI HWY. (RTE 61). 43.92 MI.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type
5' Conc. Bikelane | 10'–12' AC | 7' – 8' AC | 0 | 8' AC | 10' AC (10' CORAL) | 5' AC | 9' Grass | 4" AC | 0

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

Shoulder: Width and Type

Divided Highway

Median: Width and Type
(14' Conc. Median Barrier Planter with Shrubs) | 0
Varies 12'–22' | Varies 12'–22' | 6' – 23' GRASS | 0 – 64' GRASS | 16'–35' Grs. | 6' GRASS | 2' Conc C&G | 30' GRASS | 15' GRASS
2' Conc. Barrier | 2' Conc. Barrier | Double Steel Guard Rails | 2' Curb & Gutter | Chain Link Fence on Median

Undivided

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

Pavement: Width and Type
36' AC | 12' 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' Decel. Ln. | 1–10' TL | 1–12' TL | 1–10' TL

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — All TL's 11' except where indicated
12' TL's

(Right Side)

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

Sidewalk: Width and Type (Right and Left)
6' Conc. S.W. | 3' AC | 5' Conc. | 12' Sidewalk & Bikeway

Curb and/or Gutter: Type (Right and Left)
6' Conc. S.W.

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

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

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

Traffic Station
B72 0083 03992 | B72 0083 04071 | B72 0083 04112 | B72 0083 04158 | B72 0083 04190 | B72 0083 04212 | B72 0083 04224 | B72 0083 04266 | B72 0083 04277 | B72 0083 04289 | B72 0083 04300 | B72 0083 04328 | B72 0083 04377

HPMS Section

AADT (Year 2005)
39,610 | 30,724 | 32,999 | 34,613 | 33,829 | 33,919 | 43,262

DOD Sections
DOD 345 | DOD 350 | DOD 355

Census Tracts
Principal Arterial (Connecting Link)

Functional Classification
NHS

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
83F–01–86, (Imprv.) 1987 (63A–01–89M, 1990) | 83EF–02–86, (Reconstruct. & Resurface) 1987 | 83F–01–86, (Imprv.) 1987 | (83F–02–73, 1976) | 83H–02–71, (R) 1971 | County Project | I–H3–1(72), 1996 | S–0630 (4), 1959 | S–0630 (6), 1958 | FR–0300 (11), (R) 1980 | 83G–01–88M, (R) 1989 | F–083–1(10), (Imprv.) 1991 | 83H–02–71, (R) 1971 | F–083–1(2), Unit 2 1967 | F–083–1(2), Unit 1 & Unit 3 1966–1968 | I–IR–H3–1(24):11, (Halekou Interchange) 1988 | (83H–02–71, (R) 1971) | F–083–1(1), 1955–1957

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan 2003, DB
Revised
6/06 DB
3/07 DB

ROAD INVENTORY

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

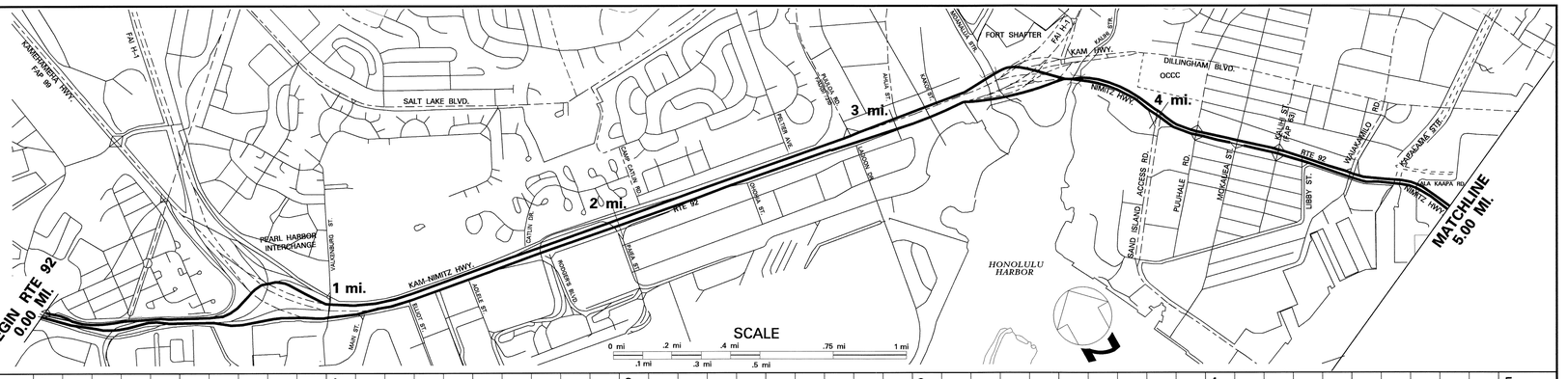
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length:	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

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 | 56' | 115' | 38'

Horizontal Clearance | 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 | STP–092–1(24), Resurface 2000 | (NH–H1–1(246) Zipper Ln. Ext., 2006) | 92A–03–03M, Resurface, 2006

Project No., Type of Construction, and Year Constructed | NH–092–1(22), 1995(R) | A–92–01–64, 1964(R) | I–H1–1(133):17, 1984 PARTIAL CONST. | 92A–01–00, Imprv. 2003 | 92A–01–03, Contra–Flow Constr. 2003

IR–H1–1(210):17 1992 (Trestle) | 41+20 | 42+10 | 41+36 | 64+57

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN RTE 92 ON NIMITZ HWY. AT PEARL HARBOR MAIN GATE. (At sentry guardhouses) 0.00 MI.

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

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. | ACHELE ST. | SERVICE ROAD | CATLIN DR. | RODGERS BLVD. | SERVICE ROADS | PAIEA ST. | CAMP CATLIN RD. | SERVICE ROADS | 2.49 MI. | SERVICE ROADS | PELTIER AVE. | SERVICE ROADS | PUULOA RD. (RTE 7310) | LAGOON DR. | STRUCTURE | AHUA ST. | KAKOI ST. | KEEHI LAGOON PARK RAMP TO DILLINGHAM BLVD. | MOANALUA BRIDGE | KALIHI BRIDGE ON–RAMP from H–1 | SAND ISLAND ACCESS (RTE 94) | CONTRA–FLOW CROSSOVER | PUUHALE RD. | MOKAUEA ST. | KALIHI ST. (RTE 63) | LIBBY ST. | WAIAKAMILO RD. | KAPALAMA BR. | ZEROX BLDG PIER 36 / 37 (R) (L)

KAM–NIMITZ HIGHWAY | NIMITZ HIGHWAY | 3.65 Mi. | 4 MP

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. | 1.14 Mi. | 1.39 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. | 2.65 Mi. | 2.68 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. | CONTRA–FLOW CROSSOVER | 3.96 Mi. | 3.99 Mi. | 4.02 Mi. | 4.07 Mi. | 4.13 Mi. | 4.28 Mi. | 4.42 Mi. | 4.53 Mi. | 4.57 Mi. | 4.58 Mi. | 4.83 Mi. | 4.91 Mi.

CONTINUED ON SHEET 2

SCALE: (In Miles) 4" = 1 mile

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 | 38' 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

Divided Highway – Median

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 | 2' CONC BARRIER W/2' CONC GUTTER | GRASS & SHRUBS | 20' GRASS/SHRUBS | 28' GRASS

Divided Highway – Undivided

Shoulder: Width and Type | 0' | 0' | (36' AC) | NONE

Pavement: Width and Type | 6' AC | 12' AC | 0' | 36' AC | 48' AC | 36' AC | 48' AC | 60' AC | 48' AC | 36' 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' | 1–12' | 3–12' | 4–12' | 3–12' | 2–12' | 1–12' | 4–11' | 4–12' | 3–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) | ALL TURNING LANE 11' AC | 2–12' TURN LNS. | 2–11', 1–12'

(Right Side) | 2 TURN LNS. | 2–11', 1–12'

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. | 5' 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)

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

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: | LARGE URBANIZED

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 Station | B72 0092 00000 | B72 0092 00034 | B72 0092 00043 | B72 0092 00001 | B72 0092 00072 | B72 0092 00092 | B72 0092 00097 | B72 0092 00102 | B72 0092 00298 | B72 0092 00305 | B72 0092 00322 | B72 0092 00337 | B72 0092 00364 | B72 0092 00392 | B72 0092 00399 | B72 0092 00468

HPMS Section | 0.08 | 0.43 | 0.60 | 0.72 | 0.86 | 0.87 | .99 | 2.84 | 2.94 | 3.20 | 3.28 | 3.58 | 3.70 | 3.92 | 4.48 | 4.82

AADT (Year 2005) | 18,080 | 0.34 | 40,420 | 0.61 | 8,821 | 0.92 | 39,129 | 1.02 | 36,239 | 2.89 | 51,820 | 3.05 | 61,140 | 3.22 | 36,251 | 3.37 | 28,182 | 3.64 | 79,555 | 3.99 | 71,220 | 4.88 | 72,511

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

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

Functional Classification | PRINCIPAL ARTERIAL (OTHER)

National Highway System (NHS) | NHS | NONE | NHS

Previous Projects: Project No., Date and Limits | 92A–01–03, Contra–Flow Constr. 2003 | 92A–01–90M, 1991, RESURF. | 92A–01–78M, 1979, RESURF. | I–H1–1(133):17 NEW CONST. 1982 | I–H1–1(99):15, 1981 | A–92–01–64, 1964(R) | I–H1–1(133):17 PARTIAL CONST. 1982 | DANR–1601(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

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

ROAD INVENTORY

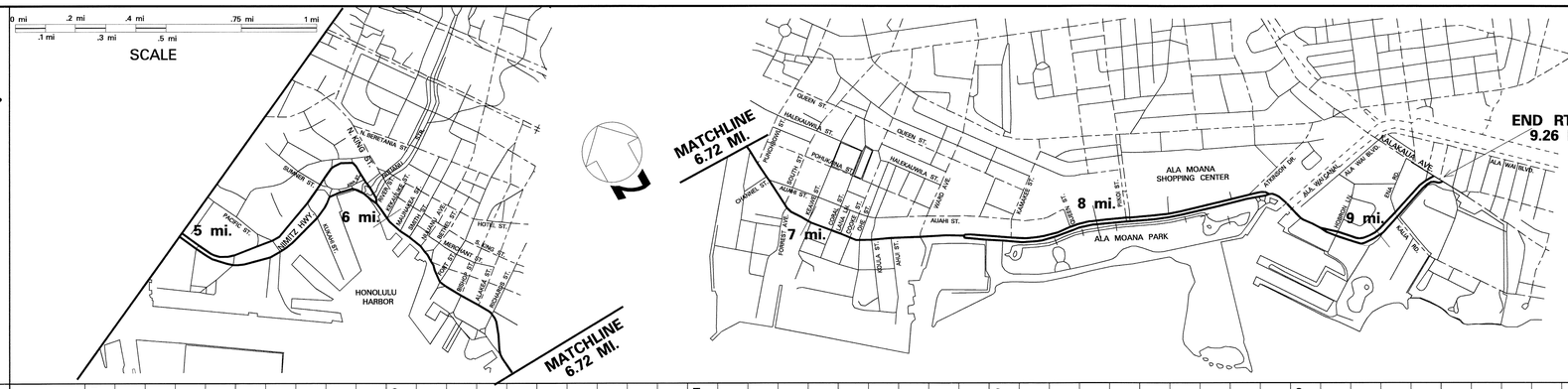
OAHU RTE 92
NIMITZ HWY., AND ALA MOANA BLVD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	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 _____



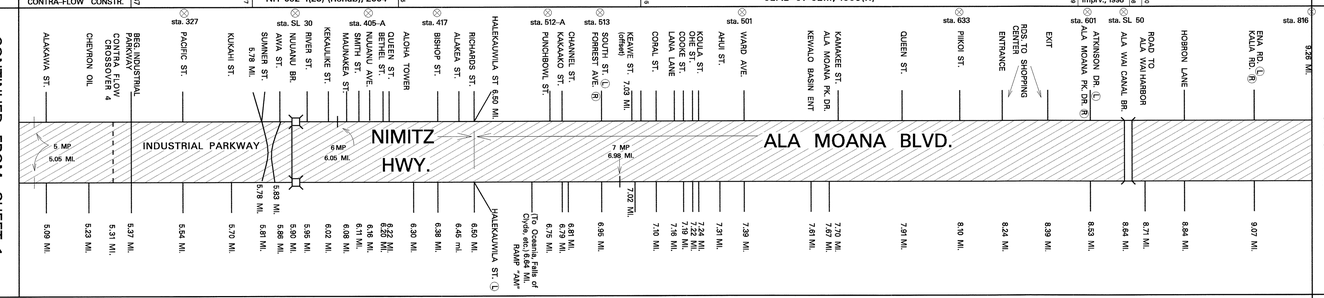
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	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
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	SLAB 1952 HS 20 192' — (L) TEE BEAM 1932 H20 152' — (R) TEE BEAM 1952 HS 20 217' — SLAB 1952 HS 20 182' 200' 250' 61' — TEE BEAM 1939 (1970) H-20 166'	
Structure Carrying Road — Vertical Clearance		
Structure Carrying Road — Horizontal Clearance	55' 65' 51' | 51' | 51' | 51' | 51' — 80'	
Structure Over Road — Vertical Clearance		
Structure Over Road — Horizontal Clearance		
Right of Way Width (min.–max.) if varies	60' – 160' (5.26) — 75 (O.B.) 100 (I.B.) (5.66) — 140' – 155' (6.31) — 125' – 136' (6.78) — 100'	
Available Right of Way Width (Needs Study)	INDUSTRIAL / COMMERCIAL — COMMERCIAL AREA — HOTEL	
Right of Way Fence: Type – Right and Left	15-20' FP 10' FP 5' FP 8' FP — CL – 8' FP — SW L 8' FP — STONEWALL 8' FP — NONE	
Control of Access: 1–None, 2–Partial, 3–Full	NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE — STATE PHASE II — STATE — COUNTY	
Project No., Type of Construction, and Year Constructed	NH-092-1(26) Moder. 2005 — 92AB–01–92M, 1993(R)	
Project No., Type of Construction, and Year Constructed	92A-01-03, 2003 CONTRA-FLOW CONSTR. — NH–092–1(25) (Rehab), 2004 — 92AB–01–92M, 1993(R) — 92A-01-97 Imprv., 1998 — 92A–01–82M, 1982 (R)	

Indicates Grass, Physical Barrier, or Painted Median that Qualifies as Divided Highway

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type	8' AC BIKE LANE — 5'-9' AC BIKE LANE — 5' AC BIKE LANE — (6' AC BIKE LANE) — 4' AC BIKE LANE — 5' BIKE LANE — 5' AC — NONE	
Divided Highway — Undivided — Pavement: Width and Type	33' AC — 44' AC — 34' AC — 45' AC — 44' AC — 48' AC — 36' AC — 33' AC — 30' AC — 10' PCC 20' AC — 11' PCC 24' AC — 36' AC — 33' AC — 36' AC	
Divided Highway — Undivided — Shoulder: Width and Type	(CROSSOVER 4) — CURB & GUTTER — C&G — NONE — C&G — CURB & GUTTER — NONE — 6' CONC. BARRIER — C&G — 4' AC	0
Divided Highway — Median: Width and Type	28' GRASS — INDUSTRIAL PARK TYPE OF MEDIAN – COMMERCIAL BUSINESS OCCUPIED — 8'-16' GRASS — 4'-8' CONC. — 10'-15' GRASS — 4'–12' GRASS — 6'-10' PAINTED MEDIAN (FLUSH) — 11' PAINTED — 12'–15' COMB. FLUSH/RAISED PAINTED AC MED. — 20' GRASS (FLUSH) — BARRIER — 22' GRASS RAISED — 20' GRASS	
Divided Highway — Undivided — Shoulder: Width and Type	NONE — CURB & GUTTER — C&G — C&G — 0 — 3" RAISED AC W/ PCC CURB — 3" AC — C&G — 0	
Divided Highway — Undivided — Pavement: Width and Type	33' AC — 44' AC — 48' AC — 36' AC — 33' AC — 30' AC — 36' AC — 33' AC — 36' AC — 24' AC	
Divided Highway — Undivided — Shoulder: Width and Type	5' AC BIKE LANE — 8' AC BIKELANE — 5' AC BIKE LANE — 4' AC BIKE LANE — (5' AC BIKELANE) — NONE	
Number of Traffic Lanes	4–12' — 4–11' — (2–11.5', 2–11') — 4–11' — 4–12' — 3–12' — 6–12' — 3–11' — 6–10' — 3–10' — 1–11', 2–12' — 3–12' — 2–12'	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	3–11' — (2–11.5', 1–11') — 1-14' TL — 2–10' TL — 1-12' TL — 2–12' TL — 15' RAMP "AB" — BUS STOP — 10' — 2–9' (L) TL's	
(Right Side)		ALL TURNING LANES 11' AC
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)	NONE — 6'-8' CONCRETE SW. — 7' CONCRETE SIDEWALK (L) (R) — 10' CONC. S.W. — 10' CONC. S.W. — 6' — 8' SW. — 4' SW. — 15' SW. — 6'-8' CONC. — 3' CONC. — NONE — 3'-7' CONCRETE SIDEWALK — 6'-8' CONCRETE SW.	ALL SIDEWALKS CONCRETE
Curb and/or Gutter: Type (Right and Left)	CURB — C&G — CURB & GUTTER (L) (R) — C — A — C — PCC CURB & GUTTER (L) (R) — C&G CURB ONLY (L) (R)	A = CONC. CURB, 2' AC GUTTER C = CONC. CURB, 2' CONC. GUTTER
Protective Devices: Type, Location and Number	NONE — 1.3' CONC. BARRIER — CONCRETE GUARDRAIL	
Illumination: Type, Location and Number	191 HPS LAMPS — 7 M.V. 3 M.V. — 18 M.V. 18 M.V. — 130 HPS — 58 M.V.	
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range) — Conta–Flow/HOV Lane	11' AC — (CONTRA-FLOW LANE: HOV LANE, 2 OR MORE, MOTORCYCLES O.K.)	
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:	LARGE URBANIZED	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT	
Speed: 1–Design, 2–Posted	35 MPH (2) — 25 MPH (2)	
Intersection Control Devices: Type, Location and Cycle Timing	All Traffic Lights – 3 Phase unless otherwise noted. — 2 Ph. 2 Ph. — 2 Ph. — 5 Ph. — 3 Ph. 2 Ph.	
Traffic Station	B72 0092 00468 — B72 0092 00525 — B72 0092 00537 — B72 0092 00564 — B72 0092 00586 — B72 0092 00638 — B72 0092 00669 — B72 0092 00683 — B72 0092 00739 — B72 0092 00751 — B72 0092 00810 — B72 0092 00853 — B72 0092 00871 — B72 0092 00908	
HPMS Section	5.64 — 5.96 — 6.70 — 7.34 — 7.51 — 8.02 — 8.40 — 8.68 — 9.02 — 9.22	
AADT (Year 2005)	72,511 — 71,893 — 68,994 — 57,698 — 57,160 — 50,025 — 55,847 — 55,945 — 40,743 — 34,315 — 25,976	
DOD Sections	DOD 265 — DOD 270 — DOD 275	
Census Tracts	57 — 52 — 40 — 39 — 38 — 37 — 19.02 19.01	
Functional Classification	PRINCIPAL ARTERIAL (OTHER)	
National Highway System (NHS)	NHS	
Previous Projects: Project No., Date and Limits	92A-01-78M, 1979 RESURF. — 92A–01–90M, 1991 RESURF. — F–092–1(15) (R), 1981 — FR-092-1(17), 1982(R)	
	(HES–092–1(19), 1985 (IMPR. OUTS. LNS.)) — 92A–01–90M, 1991 Resurface — EHS–U–092–1(11), 1976 — (HHS–092–12, 1979)	
	(U–092–1(8), 1971) — (92A–02–70, 1972) 7.05 — 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	

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*

ROAD INVENTORY

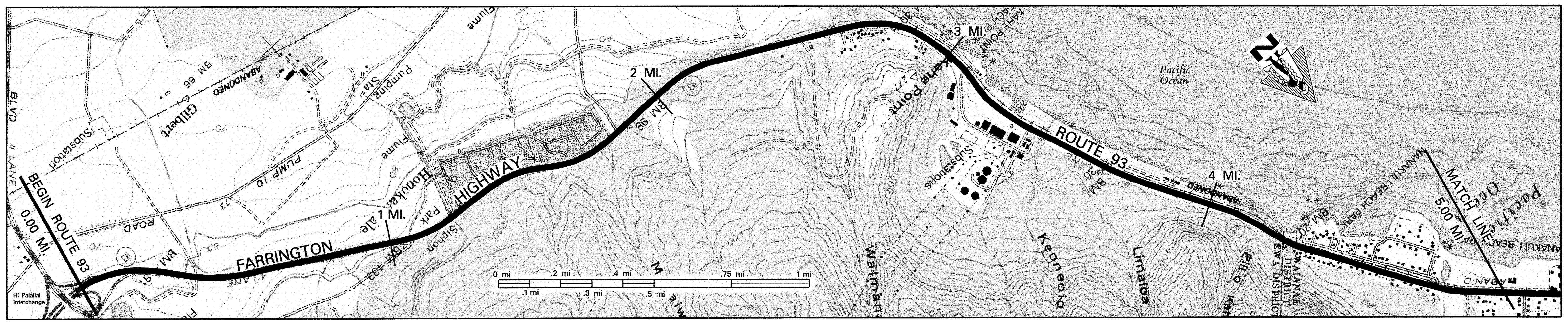
OAHU RTE 93
FARRINGTON HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

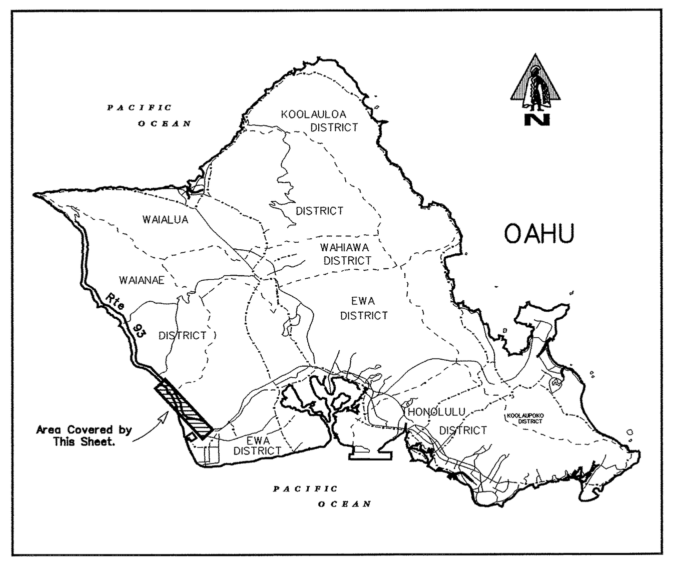
Total Designated Route Length:	19.53	MILES (a+b)
a. Existing Length:	19.53	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	19.53	MILES (a+b, less c)
a. Existing Length:	19.53	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



SCALE: (In Miles) 4" = 1 mile (0 – 1 – 2 – 3 – 4 – 5)

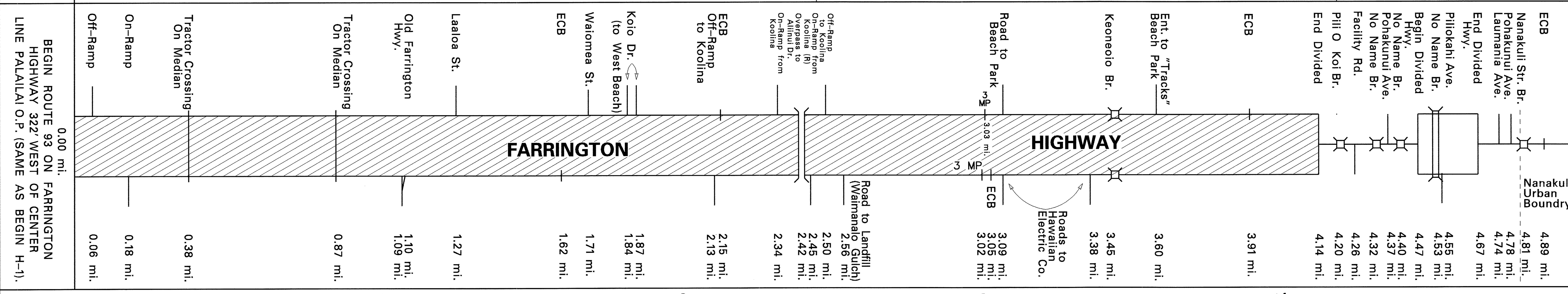
Item	Data (mileposts)
Maintenance Control Sections: Length and Description	Beg. 93A on Farr. Hwy. 322' West of Centerline Palailai O.P.; 93A (11.31mi.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Prestressed Tension Girder, 1989, HS–20–44 (2.42); TBM, HS–20, 1967, 66' (L) & (R) (3.45); Slab, HS–20, 1969, 25' (4.20), 4.32, 4.40, 4.53; TBM, HS–20, 1970, 82' (4.81)
Vertical Clearance	
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' ; 4.15 ; 61'–130'
Available Right of Way Width (Needs Study)	Clear 1000' Sugar Cane 20' FP ; 1.00 ; Bushes Trees & Grass ; 4.26 ; Residential Area
Right of Way Fence: Type – Right and Left	1.27 Wire on Wood 1.57 ; 1.72 Wire on Wood 20'–30' FP 2.43 ; 3.12 Chain Link 3.42 ; 4.89 ← (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 ; (212+70)
Project No., Type of Construction, and Year Constructed	IM–NH–H1–1(239), Reconstruct, 2004 ; 0.36 ; 1.60 93A–06–98 Inter. Imprv., 2001 1.86 ; 2.39 93A–02–98M, 1999 (R) 3.36 ; 3.38 NH–093–1(19), 2000 3.74 ; 93A–02–98M, 1999 (R) ; 4.26 STP–093–1(18), Safety Imprv., 2006
Project No., Type of Construction, and Year Constructed	93A–01–96M, 1997 (R) ; 2.47 F–093–1(6) 1984 ; 4.20 93A–01–97M, 1998 (R)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage



CONTINUED ON SHEET #2. 5.00 mi.

SCALE: (In Miles) 4" = 1 mile (0 – 1 – 2 – 3 – 4 – 5)

Item	Data (mileposts)
Undivided – Shoulder: Width and Type	4'–6' AC ; 4.05 4'–6' Grv. ; 4' AC
Undivided – Pavement: Width and Type	24' AC ; (22' AC) 44' AC ; 24' AC ; 44' AC
Undivided – Shoulder: Width and Type	1' AC ; 4.12 (0) 6' Grv. 4.26 2' AC ; 0 ; 1' AC
Divided Highway – Median: Width and Type	Concrete Barrier ; 0.36 ; 24' Grass ; 1.62 ; 2' Conc. Barrier ; 1.86 ; 2' Conc Portable Guardrail ; 2.28 ; 24' Grass ; 2.57 ; 2' Conc Portable Guardrail ; 3.06 ; 24' Grs. ; 3.13 ; 2' Conc Portable Guardrail ; 3.35 ; 24' Grs. ; 3.53 ; 10' Grs. ; 3.60 ; 24' Grass ; 4.04 ; 4.10 ; 4.14 (0'–10') ; (2' Conc. Portable Guardrail) (24' Grass) ; 4.47 ; 14' Painted AC ; 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' ; 4.12 ; 4–11' ; 4–12' ; 4–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1.09 1.17 1.27 1.35 ; 1.71 1.79 ; 2.18 1–12' Accel. 2.34 ; 2.45 2.50 1–12' Decel. 2.67 ; 3.09 3.14 ; 3.38 ; 3.46 3.60 3.68 ; 4.55 4.62 (12' T.L.)
(Right Side)	0.18 1–12' Accel. 0.34 ; 1.14 1–12' T.L. 1.31 ; 1.60 1.71 ; 2.02 Decel. 2.13 ; 2.45 2.56 2.59 ; 3.00 3.09 ; 3.29 3.38 ; 3.45 3.48 3.60 ; (10' T.L.) 4.50 4.55
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	(Conc. Gutter) 1.34 ; 4.26 3' AC 4.40 ; 4.82 3' AC ← 3' CONC. SW
Curb and/or Gutter: Type (Right and Left)	1.24 Conc. Gutter 1.43 ; Conc. Gutter 2.04 ; 2.19 Conc. Gutter 2.31 ; 2.89 ; 3.11 ; 3.17 ; 3.29 Conc. Curb 3.38 ; 4.20 4.34 4.38 AC Curb
Protective Devices: Type, Location and Number (M/M=Metal Rails on Metal Posts. M/C= Metal Rails on Concrete Posts.)	M/M ; M/C 0.46 ; 0.75 M/C 0.86 ; M/C 1.00 ; M/C 1.14 ; M/C M/C M/C 1.50 1.61 ; 1.75 M/C M/C 1.81 ; 2.60 M/C M/C 2.65 ; 2.74 M/C 2.81 ; M/C 3.08 ; 3.11 M/C M/M 3.26 ; 3.38 M/C 3.45 3.57 3.61 ; 3.91 M/M ; M/M 4.18 4.21 ; M/M 4.30 4.35 ; M/M 4.43 4.51 M/M 4.56 ; 4.80 4.84 M/M M/M
Illumination: Type, Location and Number	MV 0.32 0.36 ; 1.27 1MV 1.29 1.34 ; 4.20 190 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:	Large Urbanized ; 2.56 ; Rural ; 4.81 ; Urban
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	(1) Flat ; 1.00 ; (2) Rolling ; 4.34 ; (1) Flat
Speed: 1–Design, 2–Posted	55 MPH (MIN 45 MPH) (2) ; 55 MPH (2) 0.72 45 MPH (2) ; 0.99 ; 45 MPH (2) ; 3.48 ; 35 MPH (2) ; 4.97 ← (School Zone) 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	3 Phase 1.27 ; 3 Phase 1.71
Traffic Station	B72 0093 00000 ; B72 0093 00036 ; B72 0093 00135 ; B72 0093 00162 ; B72 0093 00175 ; B72 0093 00228 ; B72 0093 00260 ; B72 0093 00330 ; B72 0093 00404 ; B72 0093 00412 ; B72 0093 00426 ; B72 0093 00481
HPMS Section	0.36 0.44 ; 1.54 ; 1.75 2.00 ; 2.60 ; 3.30 3.45 ; 4.04 ; 4.12 ; 4.81 4.82
AADT (Year 2005)	56,639 ; 1.35 ; 56,639 ; 1.62 ; 49,603 ; 2.28 ; 39,829 ; 4.26 ; 39,829
DOD Sections	DOD 315
Census Tracts	
Functional Classification	Principal Arterial
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	2.39 93A–02–98M, 1999 (R) 3.36 ; 3.72 93A–02–98M 1999 (R)
	F–093–1(6), 1984 ; 4.20 F–093–1(7), 1985 (R)
	S–0900(3), 1965, 1968 ; 3.82 B–900–01–64 U–1 1967, 1970 ; 4.81 B–900–01–64 UNIT 2 1968,70

SCALE: (In Miles) 4" = 1 mile (0 – 1 – 2 – 3 – 4 – 5)

Date Released	
Sept 2002, DB	
Revised	
Aug. 04	D.B.
Jan. 05	D.B.
May 06	G.N.
Mar 07	D.B.

ROAD INVENTORY

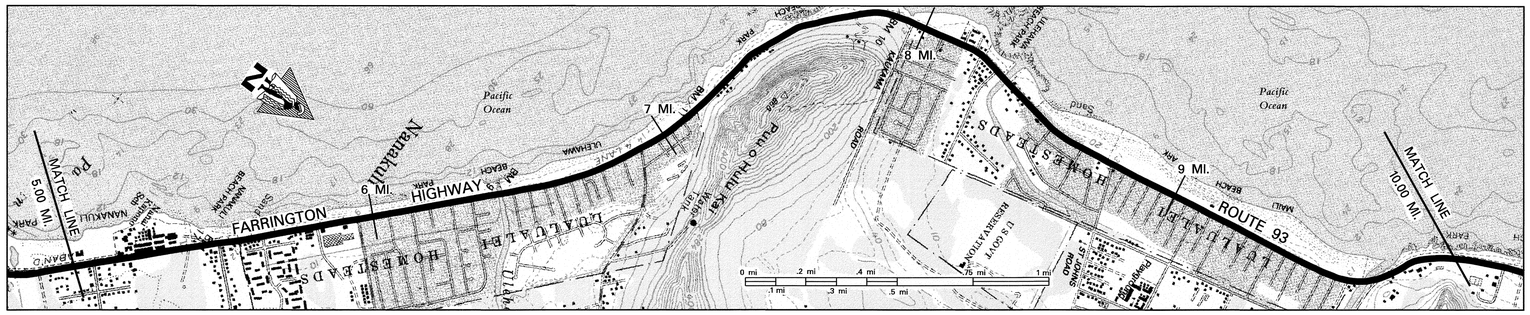
OAHU RTE 93
FARRINGTON HWY

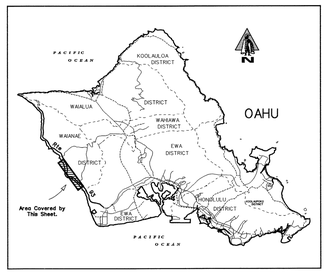
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	19.53	MILES (a+b)
a. Existing Length:	19.53	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	19.53	MILES (a+b, less c)
a. Existing Length:	19.53	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

5 6 7 8 9 10

Maintenance Control Sections : Length and Description

93A (11.31 mi.)

Structure Carrying Road

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

	5.36	6.40	8.32	9.70
	CULVERT, HS–20, 1969	OTH, HS–20, 1970	OTH, HS–20, 1970	CONT. CONC. SLAB, HS–20, 1976
Vertical Clearance	27′	91′	100′	174′
Horizontal Clearance	51′	59′	58′	60′

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

Right of Way Width (min.–max.) if varies	61′ – 130′	6.60	92′	9.63 Varies 60′ – 170′
Available Right of Way Width (Needs Study)	Residential Area	7.46	Brush 7.94	Residential / Commercial
Right of Way Fence: Type – Right and Left	(Stone Wall) (L) & (R) 5.11 Stone Wall 5.28	7.42	7.50 (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	9.17 (93A–03–97, Inter. Imprv. 1999) 9.48

5.00 mi. CONTINUED FROM SHEET #1.

FARRINGTON HIGHWAY

MP			
5	Park Ent. Nanakuli Ave. (R)	5.02 mi.	
	Nanaikaponо School Ent.	5.07 mi.	
	Nanaikaponо Con. Box Culvert	5.13 mi.	
	Road to Beach Park	5.29 mi.	
	Halekaala Ave.	5.36 mi.	
	Helelua St.	5.44 mi.	
	Nanakeola St.	5.49 mi.	
	Lualualei Naval Rd.	5.64 mi.	
	Maaloa St.	5.78 mi.	
	Auyong Hmstd. Rd.	5.98 mi.	
	ECB (L)	6.05 mi.	
	Aulani Pl.	6.12 mi.	
	Begin Div. Hwy.	6.15 mi.	
	Kahau St.	6.20 mi.	
	Hakimo Rd.	6.22 mi.	
	Mohiki St.	6.29 mi.	
	Uliehawa Br.	6.32 mi.	
	End Div. Hwy.	6.40 mi.	
	Begin Div. Hwy.	6.45 mi.	
	Paved Rd.	6.46 mi.	
	Paved Rd.	6.51 mi.	
	Paved Rd.	6.52 mi.	
	Paved Rd.	6.55 mi.	
	Paved Rd.	6.60 mi.	
	Paved Rd.	6.70 mi.	
	Garden Groves	6.75 mi.	
	Begin Div. Hwy.	6.80 mi.	
	Hakimo Rd.	6.82 mi.	
	Akoval Rd.	6.90 mi.	
	Urban Bdry.	7.01 mi.	
7	Driveway	7.06 mi.	
	Paved Roads	7.16 mi.	
	County Baseyard	7.42 mi.	
	Paved Roads	7.52 mi.	
	Kaukama Rd.	7.67 mi.	
	Hookele St.	7.74 mi.	
	End Div. Hwy.	7.95 mi.	
	ECB	8.06 mi.	
	End Div. Hwy.	8.14 mi.	
	ECB	8.15 mi.	
	Begin Div. Hwy.	8.22 mi.	
	Maipalooa Rd.	8.27 mi.	
	Maipalooa Br.	8.32 mi.	
	End Div. Hwy.	8.34 mi.	
	ECB	8.35 mi.	
	Road to Beach Park	8.39 mi.	
	Manununu St.	8.54 mi.	
	Begin Div. Hwy.	8.67 mi.	
	Manuulaula St.	8.71 mi.	
	St. John's Road	8.77 mi.	
	Liopolo St.	8.82 mi.	
	Begin Div. Hwy.	8.85 mi.	
	Gilpake St.	8.89 mi.	
	Palakamana St.	8.95 mi.	
	Kimo St.	9.00 mi.	
	Begin Div. Hwy.	9.05 mi.	
	Palani St.	9.09 mi.	
	Linakola St.	9.14 mi.	
	Maiona St.	9.18 mi.	
	Maipala St.	9.22 mi.	
	Begin Div. Hwy.	9.27 mi.	
	Hila St.	9.32 mi.	
	Kelikipi St.	9.36 mi.	
	Luiana St.	9.42 mi.	
	Kaukamana St.	9.43 mi.	
	End Div. Hwy.	9.46 mi.	
	ECB	9.50 mi.	
	Alapaki St.	9.55 mi.	
	Lopikane St.	9.59 mi.	
	Pelaneki St.	9.64 mi.	
	Kakalena St.	9.70 mi.	
	Milikami St.	9.73 mi.	
	End Div. Hwy.	9.77 mi.	
	Bag. Div. Hwy.	9.84 mi.	
	Maiiliili Rd.	9.97 mi.	
	Maiiliili Br.		
	C&C Baseyard		

10.00 mi. CONTINUED ON SHEET #3.

SCALE: (In Miles) 4" = 1 mile

5 6 7 8 9 10

Divided Highway

Undivided	Shoulder: Width and Type	4′ AC	7.01 4′–9″ AC 7.89	6′ AC 9.66 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 | 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 8.53 | 8′–10′ AC | 0 | 8′–10′ AC | 0 | 8′–10′ AC | 0 | 8′–10′ AC | 0 | 8′ AC
Divided	Median: Width and Type	6.22	11′ Paint 6.45 | 12′ Paint 6.51 6.71 6.82 | 8′ Paint 7.01 | 2′ Moveable Concrete Barrier 7.89 | 11′ Painted Median 8.14 8.22	10′ Paint 8.34 8.71 | 10′ Paint 8.85 9.04 | 10′ Paint 9.06 9.30 | 10′ Paint 9.42 | 11′ Painted Median 9.64 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 9.84
	Shoulder: Width and Type		1′ AC | 8′–10′ AC | 8′–10′ AC 7.01 | 4′–9′ AC 7.89 | 6′–8′ AC	6′–8′ AC | 6′ AC | 8′–10′ AC | 6′ AC | 10′ Grv.

Number of Traffic Lanes	4–11′	4–12′	4–11′	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	6.22 6.38 11′ TL	6.51 6.57 6.59 6.71 12′ TLs	7.95 8.03 8.06 8.11 1–10′ (L) T.L.	8.21 8.27 8.31 8.41 10′ T.L. 9.09 9.19 10′ T.L. 9.30 9.33 9.36 9.40 10′ T.Ls 9.73 9.80 11′
(Right Side)	5.75 5.78	6.31 6.33 (8′ Conc.)	7.92 8.00 8.02 8.06 8.08 8.11	8.50 8.60 8.61 8.66 9.46
Frontage Road: No. of Lanes, and Width (Right and Left)				
Sidewalk: Width and Type (Right and Left)	3′ CONC SW 5.7 3′–5′ AC		7.32 3′–5′ AC	(4′ Conc. Gutter) (4′ Conc. Gutter) 9.24 9.78 3′ AC
Curb and/or Gutter: Type (Right and Left)	AC Curb 6.45		7.32 AC Curb 7.49	AC Curb
Protective Devices: Type, Location and Number M/M = Metal Rail on Metal Post	5.36 M/M 5.38 M/M	6.41 6.43 M/M 6.67 M/M 7.09	7.24 M/M 7.34 M/M Metal Pipe Railing 7.83	8.30 M/M 8.39 8.57 M/M
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:			Urban	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	(1) Flat	7.00	(1) Flat (2) Rolling 8.00	(1) Flat 9.75 (2) Rolling
Speed: 1–Design, 2–Posted			35 MPH (2)	
Intersection Control Devices: Type, Location and Cycle Time	School Zone 25 MPH (2) 5.02 2 Ph. or Pedestrian Walk Light 3 Phase 3 Phase 2 Phase 3 Phase 2 Phase 2 Phase 3 Phase 3 Phase 2 Phase 3 Phase 2 Phase 3 Phase			
Traffic Station	(B72 0093 00481)	B72 0093 00507	B72 0093 00644	B72 0093 00690
HPMS Section		5.88	6.80	9.66
AADT (Year 2005)	(39,829)	39,140	37,500	33,111
DOD Sections	DOD 315 5.95		DOD 320	
Census Tracts				
Functional Classification	Principal Arterial			
National Highway System (NHS)	NHS			
Previous Projects: Project No., Date and Limits	F–093–1(7), (R) 1985 6.22 6.45	93A–01–86M, (R) 1987 7.37 7.39	93A–01–85M, (R) 1985 8.02 93A–01–85M (R) 1985 8.30 8.34 (93A–01–88, Traffic Signals & Imprv. 1988) STP–093–1(16) Imprv., 1997 8.74 8.83 93A–01–85M (R) 1985 8.99	STP–033–1(14), (R) 1997
	93A–01–97M, (R) 1998 6.22 93A–02–90, 1993 Traf. Signal Improv. 6.45		8.09 (93A–03–86, Traf. Signals, 1987) 8.02 8.17 (93A–01–88, Traf. Sig. & Imprv., 1988) 8.74 8.83	9.30 9.42 (93A–01–88, Traf. Sig. & Imprv., 1988) 9.55
		93A–01–86M, 1987 (R) 7.37 7.39	93A–01–85M, 1985 (R)	9.46 93A–02–70, 1974 9.55
	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	

SCALE: (In Miles) 4" = 1 mile

5 6 7 8 9 10

Date Released
Sept 2002, DB
Revised
Aug. 04 D.B.
May 06 G.N.
Mar 07 D.B.

ROAD INVENTORY

OAHU RTE 93
FARRINGTON HWY

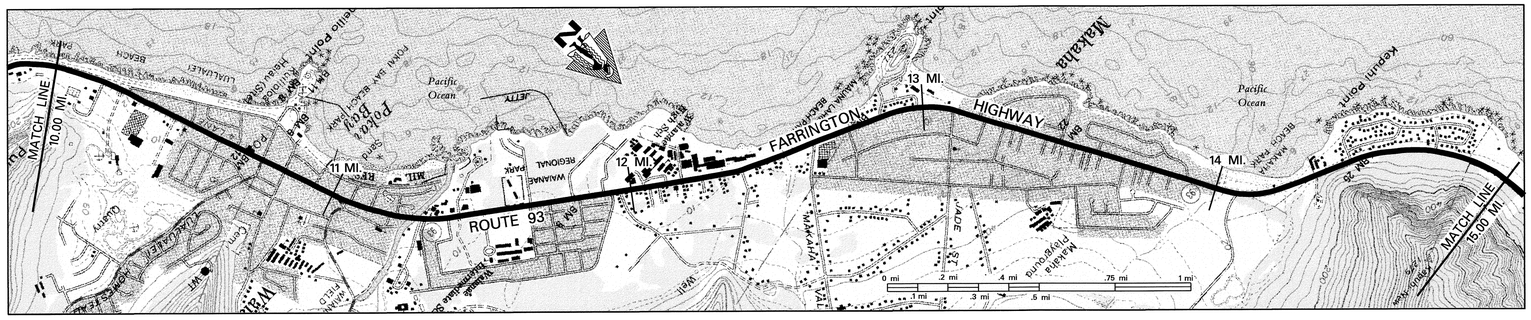
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total 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

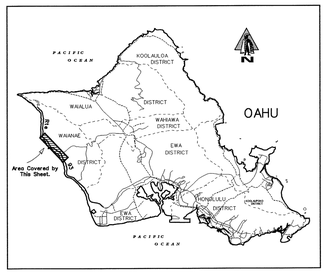
93A (11.31 mi.) | End 93A & Begin 93B on Farr. Hwy. at North end of Kaupuni Bridge. (11.31) | 93B (4.34 mi.)

Structure Carrying Road

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

	TBM, HS–20, 1965	PRESTRESSED SLAB HS–20–44, 1989	SLAB, H–15, 1937
	147' (11.28)	58' (12.48)	24' (12.73)
Vertical Clearance			TS, H–15, 1937 60' (14.02) / TS, H–15, 1937 78' (14.10)
Horizontal Clearance	28'	60'	40'
Structure Over Road			
Vertical Clearance			24' / 24'
Horizontal Clearance			

Right of Way Width (min.–max.) if varies	60'–170' (10.81)	60' (12.20)	80' (14.91)	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 (11.51) 15' FP	None		
Control of Access: 1–None, 2–Partial, 3–Full	None				
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State				
Project No., Type of Construction, and Year Constructed	STP–093–1(18), Safety Improvements, 2006				
Project No., Type of Construction, and Year Constructed	STP–093–1(14), 1997 (R)	93B–02–91, Widening, 1996 (11.40)	93B–01–86M, (R) 1987 (12.78)	900C–01–67, 1966 (14.58)	STP–93–1(12), (R) 1996 (14.45)



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2. 10.00 mi.

Beach Park Rd. 10.05 mi. | Rd. to Waianae Makai 10.14 mi. | Waianae Wastewater Treatment Plant 10.19 mi. | Beg. Div. Hwy. & End Div. Pokai Bay Hwy. 10.25 mi. | Pokai Bay Hwy. End Div. 10.27 mi. | Ala Poko St. 10.33 mi. | Puhano St. 10.47 mi. | Glenmonger St. 10.59 mi. | Lualualei Hmstd. Rd. 10.65 mi. | Waianae Valley Rd. 10.75 mi. | Bay View St. 10.83 mi. | Army St. 10.94 mi. | Old Gov't. Rd. 11.07 mi. | Old Gov't. Rd. 11.04 mi. | Kaupuni Br. 11.11 mi. | Kaupuni St. 11.19 mi. | Beg. Div. Hwy. 11.24 mi. | Ala Hema St. 11.28 mi. | Waianae District Park 11.33 mi. | Ent. to Waianae Library 11.39 mi. | Waianae State Boat Harbor 11.67 mi. 11.46 mi. | Ala Walua St. 11.51 mi. | Ent. to Waianae Inter. School 11.53 mi. | Ent. to Playing Field 11.73 mi. | Kaulawaha Rd. 11.87 mi. | Ala Akau St. 11.93 mi. | Roads to Waianae High School 11.96 mi. | Alawa Pl. 12.03 mi. | Roads to Waianae 12.12 mi. | Maiau Rd. 12.17 mi. | Makaha Br. #2 12.20 mi. | Telemetry Counting Sta. 12.34 mi. | Makaha Valley Rd. 12.42 mi. | Makaha Bridge End Div. Hwy. #2A 12.48 mi. | Orange St. 12.62 mi. | Culvert 12.71 mi. | Lehiahi St. 12.72 mi. | Culvert 12.84 mi. | Jade St. 12.87 mi. | Rd. to Nanu Culvert 12.98 mi. | Moua St. 13.09 mi. | Culvert 13.17 mi. | Moua St. 13.22 mi. | Kiapa Pl. 13.26 mi. | Upena St. 13.46 mi. | Kapaekai St. 13.59 mi. | Water St. 13.61 mi. | Upena St. Culvert 13.69 mi. | Makaha Br. #3 13.73 mi. | Makaha Br. #3A 13.86 mi. | Kili Dr. 13.87 mi. | Rd. to Makaha Beach Restrooms 14.02 mi. | Rd. to Hawaiian Tel 14.07 mi. | Makau St. 14.10 mi. | Culvert 14.28 mi. | ECB (R) 14.34 mi. | Culvert 14.44 mi. | Laweia St. 14.54 mi. | Culvert 14.63 mi. | 15MP 14.75 mi. | 14.95 mi. | 14.97 mi.

FARRINGTON HIGHWAY

CONTINUED ON SHEET #4. 15.00 mi.

Divided Highway

Undivided	Shoulder: Width and Type	10' Gravel	1' AC / 4' AC	8' Gravel	6'–8' AC (10.75)
	Pavement: Width and Type	44' AC	24' AC	48' AC	44' AC
	Shoulder: Width and Type	8' AC	0	8' AC	0
	Median: Width and Type		(0'–10' Paint)		
	Shoulder: Width and Type		0		
	Pavement: Width and Type		24' AC	(24' AC)	
	Shoulder: Width and Type		8' AC		

Shoulder: Width and Type	(1' AC / 10' Grs.) (10.24)	1' AC / 4' AC (10.34)	8' Gravel (10.75)	0 (36' AC) (11.05)	3' AC Bike Lane
Pavement: Width and Type	24' AC	48' AC (10.44)	44' AC		22' AC (11.39) / 20' AC
Shoulder: Width and Type	8' AC	0	8' AC	0	0
Median: Width and Type	(0'–10' Paint) (10.19 / 10.27)				0'–10' Paint (11.33 / 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	8' AC				3' AC Bike Lane

Number of Traffic Lanes	4–11'	4–12' (10.44)	4–11'	(2–12') (11.39) (1–12') (11.51) 4–11' (11.39)	4–10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	(10.29 / 10.28 / 10.27)	(10.29 / 10.33 / 10.44)		(11.53 / 11.51 / 11.62 / 11.67 / 11.70 / 11.80 / 11.87 / 12.00 / 12.06 / 12.12 / 12.31 / 12.60 / 12.62 / 12.48)	
(Right Side)					
Frontage Road: No. of Lanes, and Width (Right and Left)					
Sidewalk: Width and Type (Right and Left)	5' Conc. (10.45) / 5.5' Conc. (10.56)	5' Conc. / 10.29 AC Curb (10.75)	6' Conc.	6' Conc. (8' Conc.) / 8' Conc. (11.02)	8'–10' Conc. S.W. (11.30) / 8'–10' Conc. S.W. (12.24) / 6'–10' Conc. S.W. (12.78)
Curb and/or Gutter: Type (Right and Left)	Conc. Curb (10.08)	Conc. Curb (10.60)	Conc. Curb (L) & (R) (10.83)	AC Curb & Gutter (11.10)	2' Conc. Curb & Gutter (11.40)
Protective Devices: Type, Location and Number	(M/M) (10.04)	M/M (10.45)	Metal Pipe Railing (10.58)	M/M (11.30)	
Illumination: Type, Location and Number	10.29 Conc. Curb & Gutter (10.06)		190 HPS		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:	Urban				Rural (14.88)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	(2) Rolling (10.10)	(1) Flat			Flat / Rolling (14.33)
Speed: 1–Design, 2–Posted	35 MPH (2) / 35 MPH (2) (10.42)	25 MPH (2)		35 MPH (2) (12.39) / 25 MPH (2) (12.77)	35 MPH (14.07) / 45 MPH (2) / 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	Traffic Lights (10.12)	3 Phase (10.33)	3 Phase (10.59)	3 Phase (10.83) / 3 Phase (11.04) / 3 Phase (11.53) / Traffic Light (11.93) / Traffic Light	
Traffic Station	B72 0093 00690	B72 0093 01057		B72 0093 01083	B72 0093 01217 / B72 0093 01262 (12.81) / B72 0093 01281 / B72 0093 01309 / B72 0093 01369 / B72 0093 01475
HPMS Section	10.76			11.27	12.49 / 12.91 / 13.47 / 14.01
AADT (Year 2005)	33,111 (10.57)	26,486 (10.83)		26,479	18,957 (12.17) / 11,533 (12.62) / 8,777 (13.09) / 6,481 (13.69) / 1,360 (14.75)
DOD Sections	DOD 320				
Census Tracts					
Functional Classification	Principal Arterial				Minor Arterial (14.78)
National Highway System (NHS)	NHS				None (14.07)
Previous Projects: Project No., Date and Limits	(12.47) (12.96) (BR–093–(10), 1989, Br. Replacement)				
	93B–01–86M, (R) 1987 (11.30)				900C–01–67, 1966 (14.16)
	93A–02–70, 1974 (10.75)	93B–01–75, Unit–1, Widen, 1981 (11.73)		900C–02–67, 1966	900C–02–68, 1967 (14.58)
	WDR 5(3), 1950 (10.97)			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.

ROAD INVENTORY

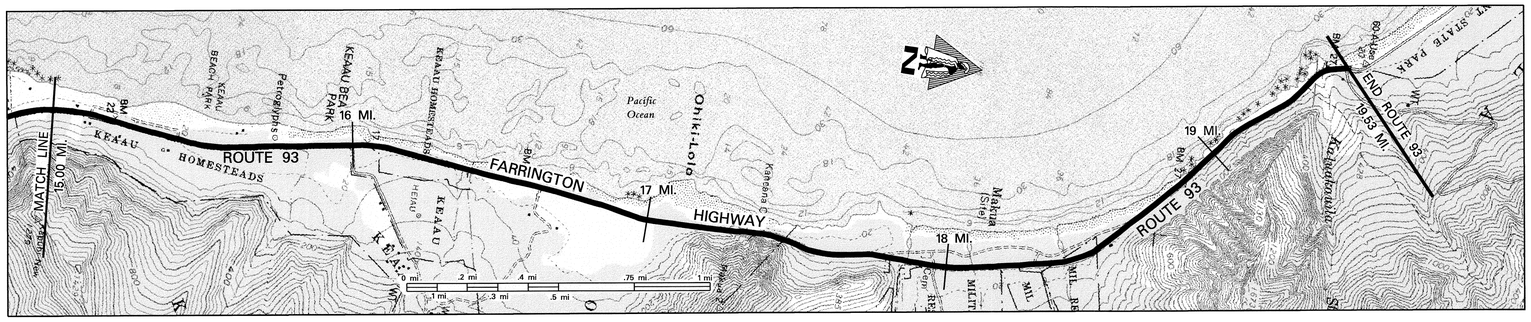
OAHU RTE 93
FARRINGTON HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total 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

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' (15.75) — 40'
PRE-STRESSED CONC. PLANK, HS-20-44, 1996 — 123' (16.32) — 40'
PRE-STRESSED CONC. PLANK, HS-20-44, 1996 — 50' (16.51) — 40'
PRE-STRESSED CONC. PLANK, HS-20-44, 1996 — 32' (17.03) — 40'
CULVERT, HS-20, 1964 — 22' (17.88) — 34'
47' (18.07) — 32'
22' (18.37) — 34'

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60'–85' | 80'–110' (17.72)

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

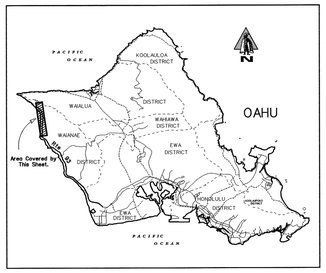
Right of Way Fence: Type – Right and Left: (Wood on Wood) 15.65 Wire on Wood | Wire on Wood, 10'–15' from Pavement 18.09 (Chain Link)

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: STP-093-1(18), Safety Improvements, 2006

Project No., Type of Construction, and Year Constructed: STP-93-1(12), (R) 1996 | (BR-093-1(11), Bridge Replacement, 1996) STP-093-1(12), (R) 1996 | STP-93-1(12), (R) 1996



Road Diagram

* MP = Milepost Signage

15.00 mi. CONTINUED FROM SHEET #1.

Ent. to Keaau Beach Park (15.03 mi.) — Culvert (15.17 mi.) — Waikomo Strm. Br. (15.60 mi.) — First Hawaiian Bank Road (15.75 mi.) — Keaau Strm. Br. (15.96 mi.) — Na. Ohikilolo Strm. Br. (16.32 mi.) — Paniolo Country Ranch (16.51 mi.) — Ohikilolo Strm. Br. (16.63 mi.) — Kaneaka Cave (Makua Cave) (16.98 mi.) — Tractor Crossing Military Training Area (17.03 mi.) — Makua 2 Cell Culvert (17.32 mi.) — Access to Makua Beach (17.80 mi.) — Makua, 3 Cell Culvert (17.86 mi.) — Makua, 2 Cell Culvert (17.93 mi.) — Makua, 2 Cell Culvert (18.07 mi.) — Culvert (18.37 mi.) — Culvert (18.56 mi.) — Culvert (18.61 mi.) — Culvert (18.77 mi.) — Culvert (18.82 mi.) — Culvert (18.93 mi.) — Culvert (19.00 mi.) — Makua, 2 Cell Culvert (19.40 mi.) — Tracking Sta. Road (19.53 mi.)

FARRINGTON HIGHWAY

17MP — 18MP

END ROUTE 93 ON FARRINGTON HIGHWAY AT KAENA PT. STATE PARK BOUNDARY GATE (NORTH EDGE OF SATELLITE TRACKING STATION ROAD). 19.53 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 8'–10' Grass (15.65) — 10'–12' Grass (16.99) — 8'–10' Grass (16.62) — 12' Grs. (16.78) — 7' Grass (16.78) — 5' Grass (17.05) — 6' Dirt (17.50) — 6' Gravel (17.69) — 8'–10' Coral (17.88) — 5' Coral (18.62) — 16' Coral (18.82) — 8' Coral (18.88) — 2'–4' Coral (19.16) — 8' (Gravel) (19.32) — 0 (19.36) — 8' Coral

Pavement: Width and Type: 20' AC (15.65) — 21' AC (16.73) — 19' AC (17.88) — 22' AC (18.82) — 20' AC

Shoulder: Width and Type: 8'–12' Dirt (15.77) — 5' Grass — 8'–12' Coral (18.82) — 2' Dirt (19.32) — 8'–10' Coral

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes: 2–10' (15.65) — 2–10.5' (16.73) — 2–9.5' (17.50) — 2–10.5' (17.88) — 2–11' (18.88) — 2–10'

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

(Right Side): (20' Parking Lot) (16.02–16.08) — (22' Parking Lot) (17.26–17.43)

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 (16.05–16.10) — M/M (16.22–16.31) — M/M (16.35–16.43) — M/M (16.63–16.81) — M/M (16.86–16.89) — (16.92–16.95) — (16.83–16.94)

Illumination: Type, Location and Number: Mercury Vapor Lamps (15.44)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat Rolling (15.65) — Flat (17.05) — Flat Mountainous (18.03) — Flat (18.66) — Flat Mountainous

Speed: 1–Design, 2–Posted: 45 MPH (2) (15.03–15.65) — 45 MPH (2) (17.44) — 25 MPH (2) 45 MPH (2) (18.47) (Not Posted)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B72 0093 01475 — B72 0093 01673 (16.73–17.10) — B72 0093 01710 (18.53)

HPMS Section: 1,360

AADT (Year 2005)

DOD Sections: DOD 320

Census Tracts

Functional Classification: Minor Arterial

National Highway System (NHS): None

Previous Projects: Project No., Date and Limits: STP-93-1(12), (R) 1996 — 900C-02-68, 1967 — R-AD 2(2), 1965 (17.69) — 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.

ROAD INVENTORY
OAHU RTE 95
KALAELOA BOULEVARD

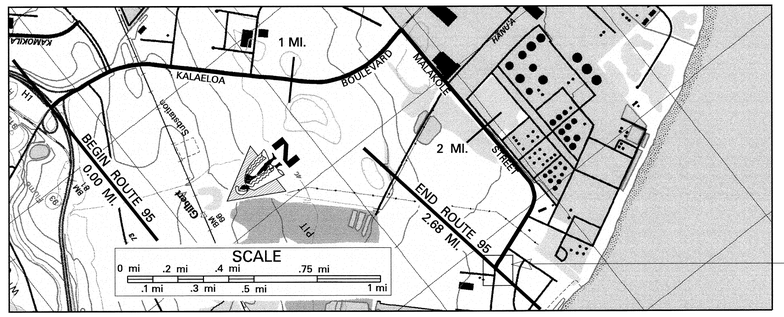
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

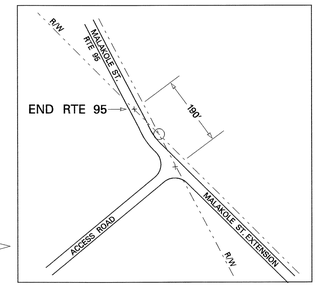
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 2.68 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 (0.00–0.98); 108′ (0.98–1.82); 150′ (1.82–2.68)
Available Right of Way Width (Needs Study)
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: (IM-NH-H1-1(239), 2004 RECONSTRUCTION) (0.00–0.98)
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

BEGIN RTE. 95 ON KALAELOA BOULEVARD AT THE CENTERLINE OF PALAILAI OVERPASS AND H-1 FREEWAY — 0.00 Mi.

END PALAILAI U.P. OFF-RAMP — 0.02 Mi.
VEH-IN-MOTION ON-RAMP TO H-1 — 0.05 Mi.
ROAD (L)&(R) — 0.10 Mi.
KAPOLEI PARKWAY — 0.16 Mi.
RAIL ROAD CROSSING — 0.26 Mi.
LAUWILIWILI ST. (KALAELOA POLICE PLANT & KAPOLEI FIRE STATION) — 0.39 Mi.
OPAKAKAKA ST. (KAPOLEI BUSINESS PARK) — 0.52 Mi.
HAWAII RACEWAY PARK — 0.83 Mi.
END DIV. HWY & ANGLE POINT — 1.31 Mi.
DRIVEWAY — 1.52 Mi.
HANUA ST. — 1.62 Mi.
OIL PIPELINE O.P. — 1.80 Mi.
CULVERT — 1.89 Mi.
ENTRANCE TO OIL REFINERY — 2.21 Mi.
KAIHOLO ST. — 2.46 Mi.
END RTE 95 ON MALAKOLE ST. 190' S.E. OF CENTERLINE ACCESS ROAD TO STORAGE YARD (CENTERLINE SURVEY MONUMENT) — 2.61 Mi.
2.68 MI.

KALAELOA BOULEVARD — MALAKOLE STREET

SCALE: (In Miles) 4" = 1 mile

Divided Highway, Undivided
- Shoulder: Width and Type: 4′ PCC (0.00–0.16); 4′ AC (0.16–1.52); 2′ CONC. GUTTER & CURB (1.52–1.80); 4′ AC (1.80–2.61)
- Pavement: Width and Type: 12′ PCC (0.00–0.16); 24′ AC (0.16–1.52); 36′ AC (1.52–1.80); 24′ AC (1.80–2.61)
- Shoulder: Width and Type: 0′ (0.00–0.40); (2′ CONC. GUTTER) (0.45); 0′ (0.45–1.52); 2′ CONC. GUTTER & CURB (1.52–1.80); 4′ AC (1.80–2.61)

Divided Highway
- Median: Width and Type: (6′ CONC.) (0.00–0.02); 6′–16′ GRASS (0.02–0.28); 15′ GRASS (0.28–1.40); 4′ GRAVEL (1.40–1.52)
- Median Barriers:
- Shoulder: Width and Type: 0′ (0.00–0.05); 2′ CONC. GUTTER (0.05–1.03); 0′ (1.03–1.52)
- Pavement: Width and Type: 12′ PCC (0.00–0.05); 24′ PCC (0.05–0.16); 24′ AC (0.16–1.50); (35′ CORAL) (1.50)
- Shoulder: Width and Type: 8′ PCC (0.00–0.05); 4′ PCC (0.05–0.16); 4′ AC (0.16–1.50); (2–12′) (1.50)

Number of Traffic Lanes: 1–12′ (0.00–0.16); 2–12′ (0.16–1.52); 2–18′ (1.52–1.80); 2–12′ (1.80–2.61)
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–12′ (L) TURN LANE (1.46–1.52)
(Right Side): (1.48–1.52)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): 12′ GRASS S.W. (L)(R) (1.52–1.80)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number: M/M (2.50–2.51); (2.54–2.85)
Illumination: Type, Location and Number: MV (R) (1.52–1.80)
Curves: Degree of Curvature (Right and Left)
Grades: % Grade, Positive or Negative
HOV Lanes/Contra-Flow Lanes
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: LARGE URBANIZED
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT
Speed: 1–Design, 2–Posted: NOT POSTED (0.00–0.11); 35 MPH (2) (0.11–1.46); 25 MPH (2) (1.46–1.57); 35 MPH (2) (1.57–2.02); 25 MPH (2) (2.02–2.68); (NOT POSTED)
Intersection Control Devices: Type, Location and Cycle Timing: 2 PHASE (0.26); 2 PHASE (1.51)
Trafic Station: B72 0095 00000 (0.16); B72 0095 00152 (1.70); B72 0095 00180 (2.30)
HPMS Section
AADT (Year 2005): 16,867 (0.16–1.52); 4,107 (1.52–1.80); 2,582 (1.80–2.68)

DOD Sections
Census Tracts
Functional Classification: PRINCIPAL ARTERIAL
National Highway System (NHS): NHS
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

OAHU RTE 98

VINEYARD BLVD., HALONA ST., OLOMEA ST.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

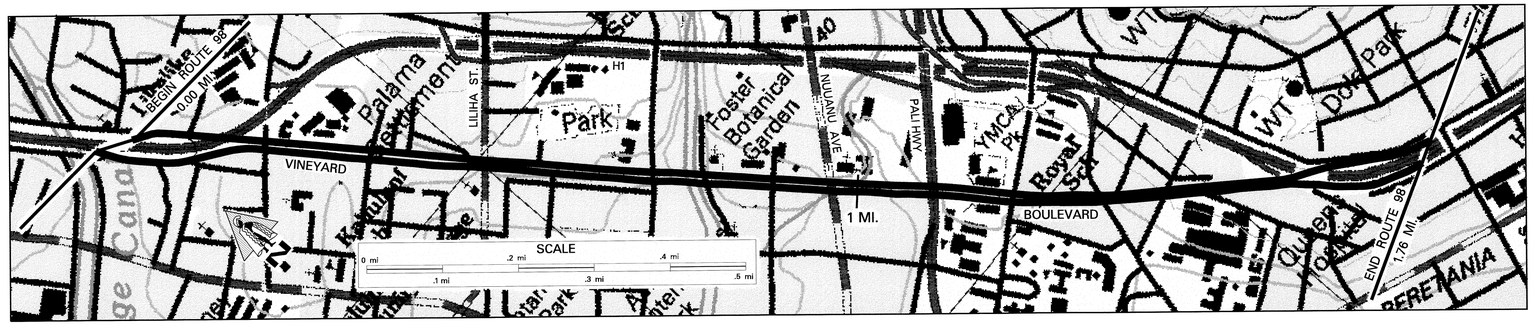
Total Route Length: 1.76 miles

a. **Survey Length:** 1.76 miles

b. **Proposed Length:** 0.00 miles

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

*



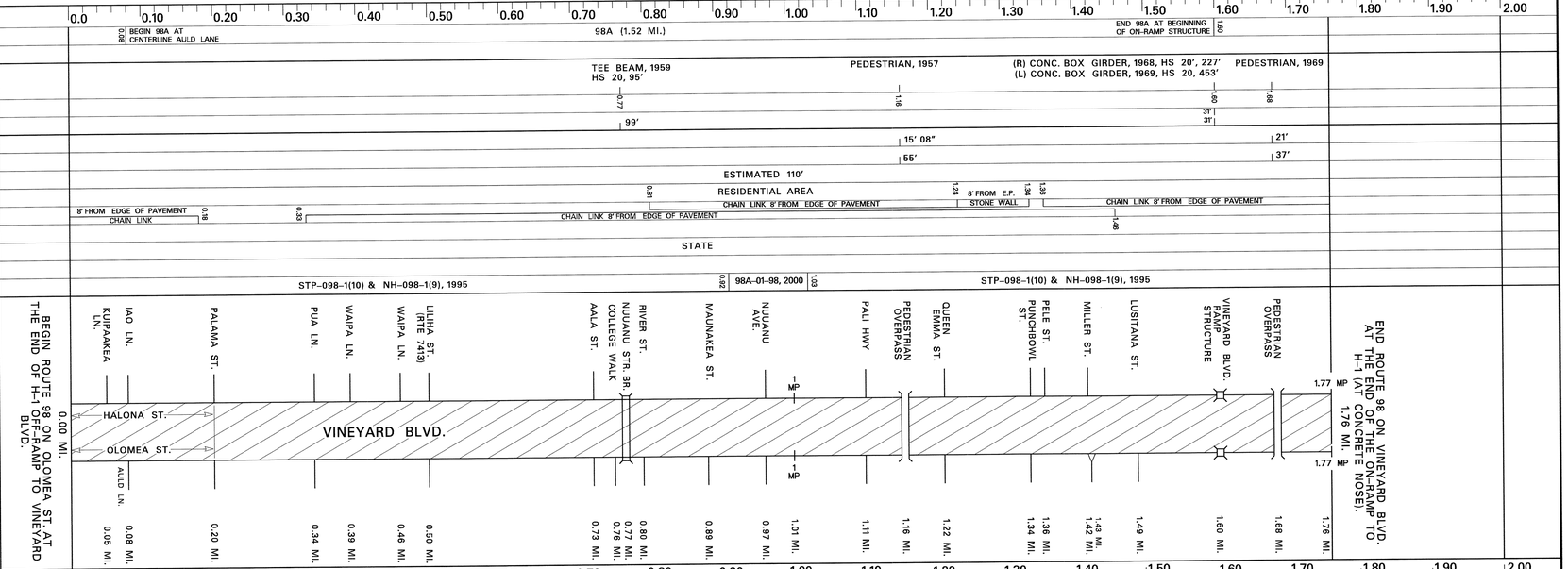
SCALE: (In Miles) 10" = 1 mile

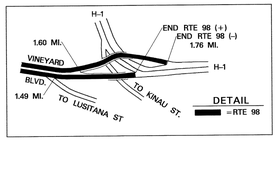
Maintenance Control Sections : Length and Description

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) 10" = 1 mile

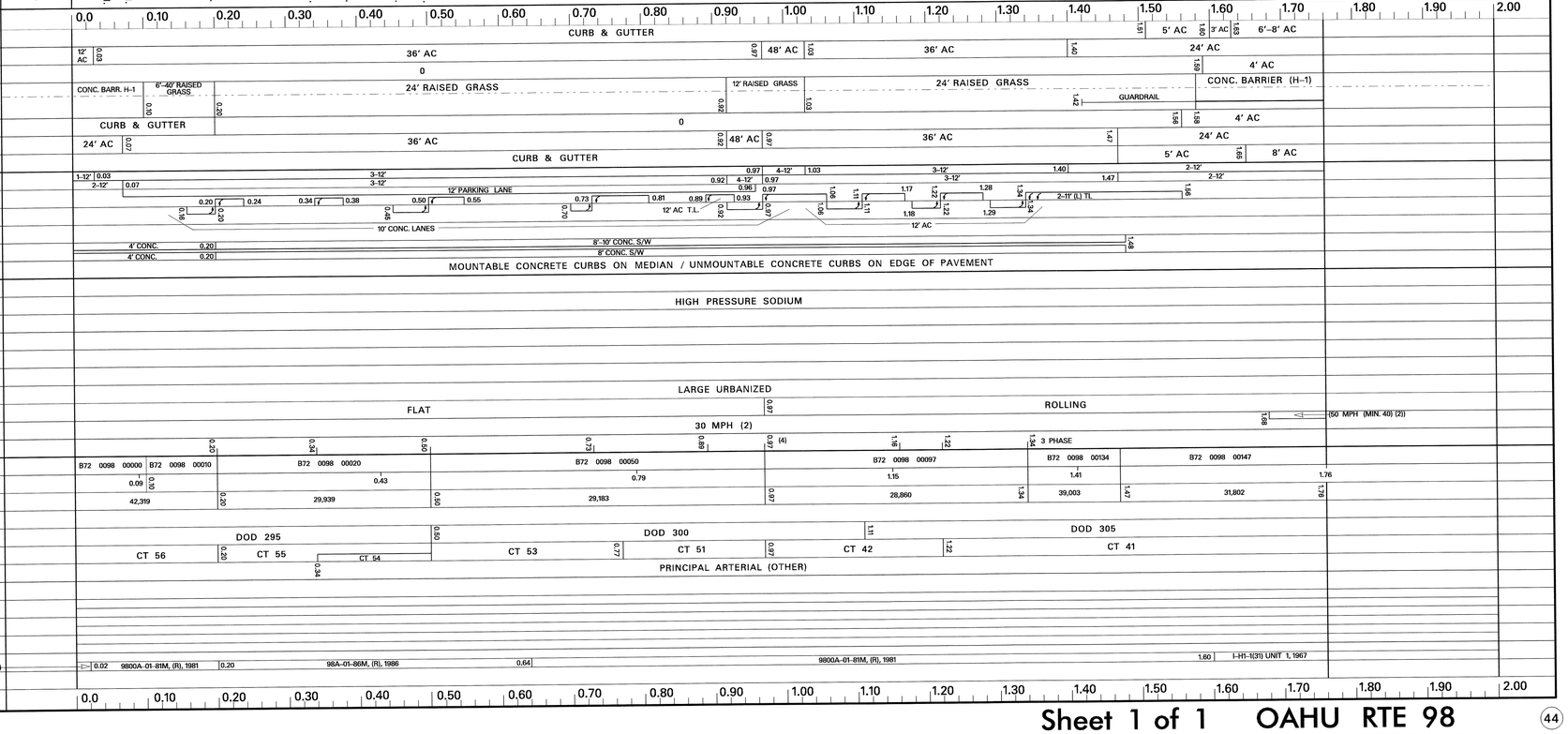
Divided Highway

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

Median
- Median: Width and Type
- Median Barriers: |—| = GUARDRAIL —— = CONC. BARRIER

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

- Number of Traffic Lanes
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (Right Side)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left)
- Protective Devices: Type, Location and Number
- Illumination: Type, Location and Number
- Curves: Degree of Curvature (Right and Left)
- Grades: % Grade, Positive or Negative
- HOV Lanes/Contra–Flow Lanes
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development:
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- Speed: 1–Design, 2–Posted
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Station
- HPMS Section
- AADT (Year 2005)
- DOD Sections
- Census Tracts
- Functional Classification
- National Highway System (NHS)
- Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 10" = 1 mile

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

ROAD INVENTORY

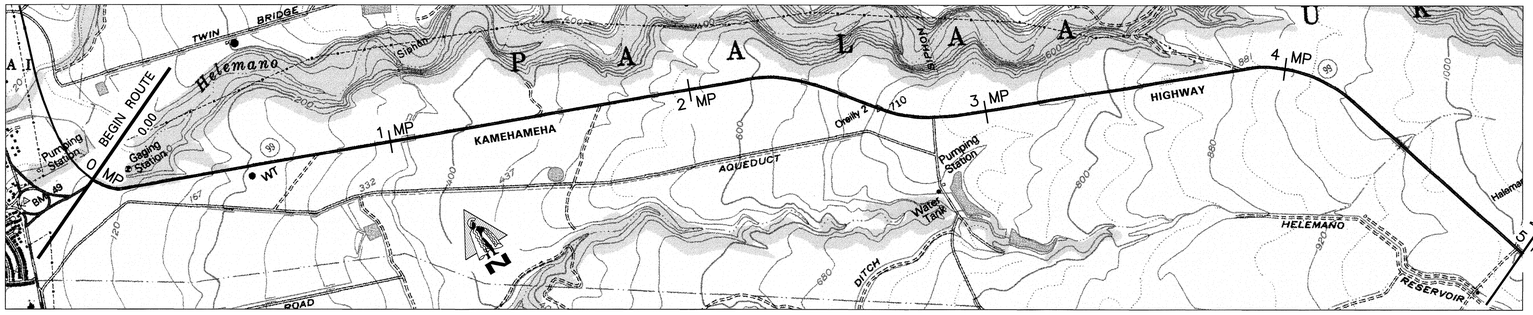
OAHU RTE 99
KAMEHAMEHA HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	23.83	MILES (a+b)
a. Existing Length:	23.83	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	23.83	MILES (a+b, less c)
a. Existing Length:	23.83	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

Begin 99A Same as Begin Rte. — 99A (6.56mi.)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' – 140'

Available Right of Way Width (Needs Study): 1000' Clear Sugar Cane, 25'–30' from Edge of Pavement | 3.91 | 1000' Clear Pineapple Field, 25'–30' from Edge of Pavement

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

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 0.16 | 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

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

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

CONTINUED ON SHEET #2

5.00 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway — Undivided

- Shoulder: Width and Type: 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 4.50 | 4'–6' AC / 8' Grass
- Pavement: Width and Type: 12' AC | 22' AC | 11' AC
- Shoulder: Width and Type: 0 | 6' AC | 1"–4" AC / 8"–12" Gravel 0.24 | 6" AC / 6"–10" Dirt 0.46 | 13' AC 0.78 | 4' AC 1.05 | 8'–10' AC/ 6' Gravel 1.05 | 8'–10' AC 1.47 | 4' AC 1.59 | 10' AC 1.74 | 4' AC 1.84 | 10'–12' AC 2.15 | 8'–10' AC/ 4'–8' Grass 2.41 | 10'–12' AC 2.57 | 4'–6' AC/ 2'–6' Grass 2.84 | 2'–4' AC / 4'–8' Dirt & Grass 3.22 | 6'–8' AC 3.44 | 10'–12' AC 3.67 | 4' AC/ 4' Grass 3.83 | 8'–10' AC/ 6'–10' Grass 4.06 | 8'–10' AC 4.23 | 4' AC / 4'–8' Grass | 0
- Median: Width and Type: (0'–12' Painted AC) 0.10 | 0.24 | 0.35 | 0.80 | 4.62 | 0'–12' Painted AC
- Shoulder: Width and Type: 0 | 0
- Pavement: Width and Type: 12' AC | 11' AC
- Shoulder: Width and Type: 8' AC | 2'–4' AC / 4'–6' Grass

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.15 | 4.76 | 4.98

(Right Side): 0.06 | 4.81

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.): 0.31 | (Wood on Conc.) 0.77 | 0.89 | 0.90 | 1.19 | 1.28 | 1.46 | 1.59 | 1.71 | 1.82 | 1.93 | 2.04 | 2.20 | (Metal Rails on Concrete Posts) 2.57 | 2.58 | 2.82 | 3.26 | 3.43 | 3.63 | 3.68 | 3.77 | 3.81 | 3.86

Illumination: Type, Location and Number: 0.22 | 0.24 | 0.34 | 1.74 | 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

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 Station: B72 0099 00000 | 0.24 | B72 0099 00024 | 0.48 | B72 0099 00048 | 0.78 | B72 0099 00078 | 0.90 | B72 0099 00090 | 0.97 | 1.05 | B72 0099 00105 | 1.47 | B72 0099 00147 | 1.59 | B72 0099 00159 | 1.74 | B72 0099 00174 | 1.84 | B72 0099 00184 | 2.57 | B72 0099 00257 | 3.22 | B72 0099 00322 | 3.44 | B72 0099 00344 | 3.67 | B72 0099 00367

HPMS Section

AADT (Year 2005): 15,020 | 20,293

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (Other)

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits: DF–082–1(1), 1959

4.97 | (STP–0300(29), 1994 Resurface)

FAP 21–B, 1937 | (NRS 21-A, 1935) | 182 + 95 | 182 + 19

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
May 2002
Revised
6/06 D.B.

ROAD INVENTORY

OAHU RTE 99

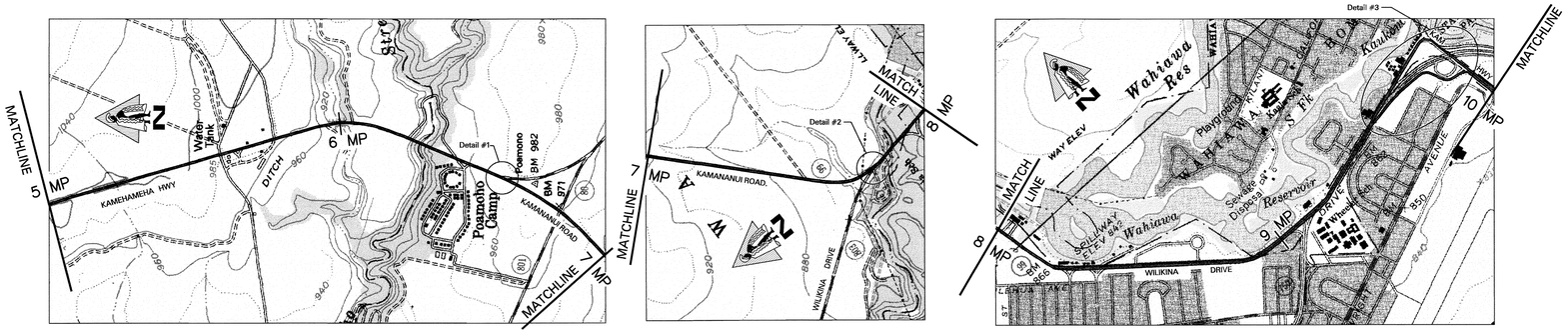
KAMEHAMEHA HWY., KAMANANUI RD., WILIKINA DR.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

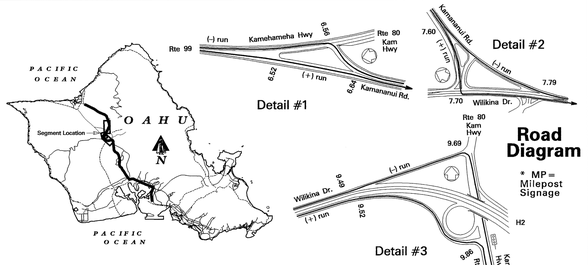
Total Designated Route Length:	23.83	MILES (a+b)
a. Existing Length:	23.83	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	23.83	MILES (a+b, less c)
a. Existing Length:	23.83	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

		5	6	7	8	9	10
Maintenance Control Sections : Length and Description		99A (6.56mi.)	End 99A & Beg 99B at the centerline of Kam Hwy. & Kamananui Rd.	99B (1.14mi.)	End 99B & Beg 99C at the centerline of Kamananui Rd. & Wilikina Dr.	99C (9.09mi.)	
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Slab, 1937, H15 | 22' Brodie Camp 2 Br.	RC Arch Girder, 1936, H15 | 405' Poamoho Br.		RC Deck Girder, 1944, H20 | 234' Upper Kaukonahua Br.		
	Vertical Clearance	24'	24'		26'		
	Horizontal Clearance						
Structure Over Road	Vertical Clearance						
	Horizontal Clearance						
Right of Way Width (min.–max.) if varies		60'–140'	100'	100'–110'	Military Reserve	100' – 130'	116'–120'
Available Right of Way Width (Needs Study)		1000' Clear Pineapple Field, 25'–30' from Edge of Pavement					
Right of Way Fence: Type – Right and Left					Chain Link, 15' from Edge of Pavement	Chain Link, 10' 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	(STP-099-1(18), Inter. Impr. 2000) (99C-02-00,2004, Inter. Imprv.)		(HWY-0-01-89M, (R) 1990)
Project No., Type of Construction, and Year Constructed				STP-0300(29), Resurfacing, 1994			
Project No., Type of Construction, and Year Constructed							



SCALE: (In Miles) 4" = 1 mile

		5	6	7	8	9	10
Divided Highway – Undivided	Shoulder: Width and Type	(4'-6' AC / 8' Grass) 2'–4' AC / 4' Grass	2'–4' AC	2'–4' AC / 3' Grass	4'–6' AC / 8' Grass	4'–6' AC / 3' Grass	2'–4' AC / 20' Grass & Dirt
	Pavement: Width and Type	(11' AC) 22' AC	20' AC	11' AC	(2'–4' AC / 60' Grass & Dirt) 22' AC	(4' AC) 11' AC	22' AC
	Shoulder: Width and Type	(0) 2'–4' AC / 4'–8' Grass	2'–4' AC	2'–4' AC / 4'–8' Grass	4' AC	4' AC / 10'–14' Grass	4'–10' Grass
Divided Highway – Median	Median: Width and Type	(0'–12' Painted AC)	(0–12' AC) (12'–60' Grass)	(0–8' AC)			
Divided Highway	Shoulder: Width and Type	(0)	6' AC				
	Pavement: Width and Type	(11' AC)	11' AC				
	Shoulder: Width and Type	(2'–4' AC / 4' Grass)	4' AC / 10' Grass				
Number of Traffic Lanes		2–11'	2–10'	2–11'			
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)							
(Right Side)							
Frontage Road: No. of Lanes, and Width (Right and Left)							
Sidewalk: Width and Type (Right and Left)							
Curb and/or Gutter: Type (Right and Left)							
Protective Devices: Type, Location and Number	All Guard Rails: Metal on Metal Unless Indicated Otherwise.						
Illumination: Type, Location and Number		252 H.P.S.	M.V.		H.P.S.	M.V	
Curves: Degree of Curvature (Right and Left)							
Superelevation (Range)							
Grades: % Grade, Positive or Negative							
Vertical Curve: Crest or Sag, Curve Limits							
Area and Development:							
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Rolling ②		Flat ①			
Speed: 1–Design, 2–Posted		45 MPH ②	25 MPH ② / 45 MPH ② / 25 MPH ② / 45 MPH ② / 25 MPH ②	35 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 / 2 Phase	3 Phase
Traffic Station		B72 0099 00367	B72 0099 00566	B72 0099 00602	B72 0099 00635 / B72 0099 00652	B72 0099 00664	B72 0099 00770 / B72 0099 00760
HPMS Section							
AADT (Year 2005)		20,293	21,649	12,338	20,223	40,931	48,888
DOD Sections							
Census Tracts							
Functional Classification		Principal Arterial (Other)					Freeway & Expressway (Conn. Link)
National Highway System (NHS)		NHS		None			NHS
Previous Projects: Project No., Date and Limits		DF–082–1(1), 1959 NRS 21–A, 1935	HWY–0–01–82M, Resurface, 1982	DA–WR 7(1), 1944	99C–01–84,(R) 1984 99C–01–79M, (R) 1979	DA–WR 8(3), 1947	(C–99–06–60, 1960) NRH–7D, 1934

Date Released
May 2002

Revised	
Feb. 03	J.K.
May 04	D.B.
6/06	D.B.

5.00 mi. CONTINUED FROM SHEET # 1

CONTINUED ON SHEET # 3 10.00 mi.

ROAD INVENTORY

OAHU RTE 99
KAMEHAMEHA HWY.

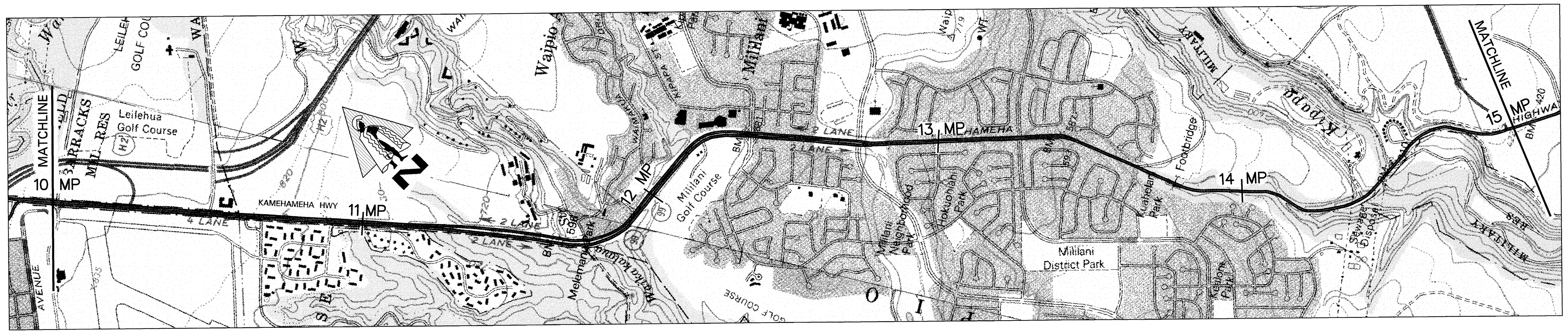
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

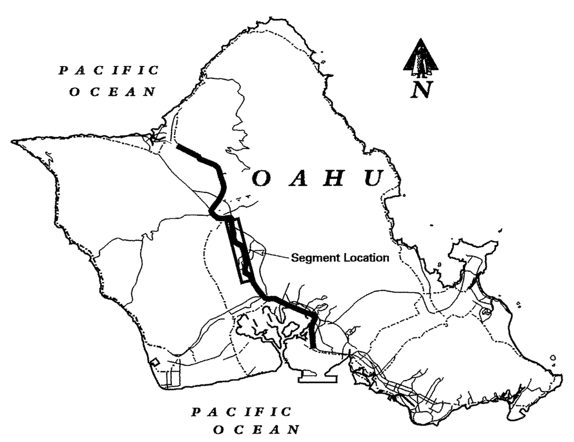
Total Designated Route Length:	23.83	MILES (a+b)
a. Existing Length:	23.83	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	23.83	MILES (a+b, less c)
a. Existing Length:	23.83	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



SCALE: (In Miles) 4" = 1 mile — 10, 11, 12, 13, 14, 15

Item	Data
Maintenance Control Sections: Length and Description	99C (9.09mi.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	282' Outbound – TBM, 1950, HS20; 225' Inbound – RC Arch Girder, 1937, H15 (Old Struct.) — *Waikakalaua Br.*; TBM, H15, 1933 484' — *Kipapa Br*
Vertical Clearance	
Horizontal Clearance	Outbound 28' / Inbound 30' (Waikakalaua Br.); 30' (Kipapa Br)
Structure Over Road – Vertical Clearance	13.5' (Pedestrian Overpass)
Horizontal Clearance	*Pedestrian Overpass* 36'
Right of Way Width (min.–max.) if varies	116' – 120' | 10.61 | 116' – 245' | 11.20 | 120' – 275' | 13.36 | 70' – 240'
Available Right of Way Width (Needs Study)	Military Reserve | 10.96 | Trees & Bushes | 12.16 | Residential Area | 13.59 | Trees & Bushes
Right of Way Fence: Type – Right and Left	Chain Link, 15' from Edge of Pavement (10.00–10.96); 6' Chain Link Fence 11.92–11.95; Tile 10'–15' from Edge of Pavement (–12.74); 12.84 Tile 50' from Edge of Pavement 13.65; 12.84 Tile 20'–30' from Edge of Pavement 13.59
Control of Access: 1–None, 2–Partial, 3–Full	12.43 Partial 13.59 (12.86)
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State 14.96
Project No., Type of Construction, and Year Constructed	10.31 DE-0200(803), Intersection Imprv., 2001 10.66; (NH-099-1(12), Widening, 1997)
Project No., Type of Construction, and Year Constructed	HWY-O-01-89M, (R) 1990 | 11.72 | 99C-01-90M, (R) 1991

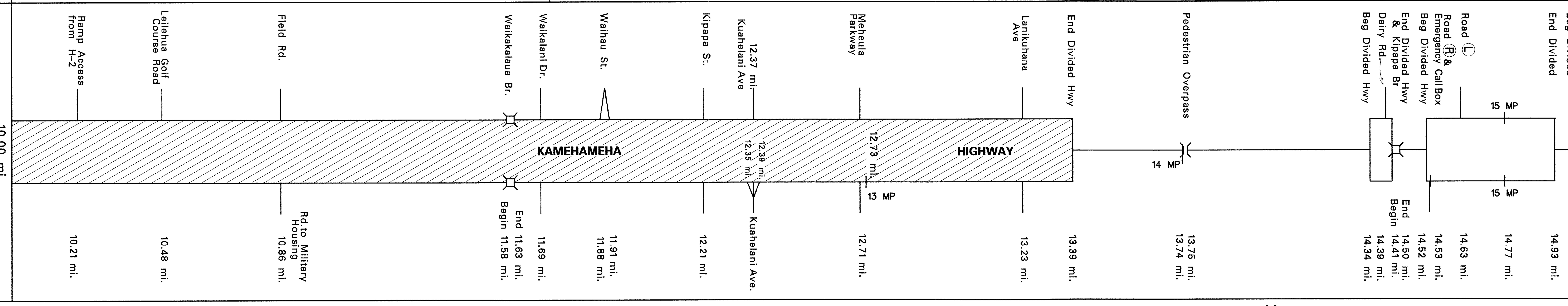


Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #2 — 10.00 mi.



CONTINUED ON SHEET #4 — 15.00 mi.

SCALE: (In Miles) 4" = 1 mile — 10, 11, 12, 13, 14, 15

Item	Data
Undivided – Shoulder: Width and Type	0'–2' AC | 10.23 | 0'–2' AC/40' Grass | 10.40 | 0'–2' AC | 0'–2' AC / 30' Grass | 10.94 | 0'–2' AC | 11.22 | (0'–2' AC / 20' Grass) | 11.30 | 0'–2' AC / 2' Grass | 11.58 | 0'–2' AC | 12.37 | 0'–2' AC / 15' Grass | 12.69 | 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 | 10.31 | 22' AC | 10.66 | 24' AC | 33' AC | 11' AC | 24' AC | 11' AC (35' AC) | (11' AC)
Shoulder: Width and Type	0'–2' AC | 11.35 | 11.45 | 11.84 | (20'–30' Raised Grass) | (20'–30' Grass) | 2'–4' AC | 12.69 | 0 | 12.81 | 4' AC | 13.20 | 0 | 6'–8' AC | 13.59 | 2'–4' AC | 0 | 2'–4' AC | 0 | 2'–4' AC | (0)
Divided – Median: Width and Type (▭ = Concrete Barrier, ├┤ = M/M Guardrails)	4'–12' Raised Grass | 10.12 | 22' Grs. | 10.31 | 15'–20' Raised Grass | 10.66 | 22' Grs. | 11.05 | 8' Grs. | 11.27 | 11.33 12' Sloped Grs. | 12' Raised Sloped Grs. | 20'–50' Sloped Grass | 11.59 11.64 11.67 11.73 | 30' Sloped Grass. | 12.06 | 20' Grs. | 12.15 12.25 12.29 | 20'–30' Raised Grass | 12.41 | 20' Grs. | 12.60 | 2'–20' Grass | 12.75 | 2'–12' Grass | 12.81 | 10'–12' Grs. | 13.15 | (0'–8' AC) 10'–8' Grs. | 13.36 | 13.39 | (0'–11' Painted AC) | 14.34 | 14.41 | 14.52 | 0'–11' Painted AC | 14.93 | 14.99 | (0'–18' Painted AC)
Shoulder: Width and Type	1'–0' AC | 0 | 0'–1' AC | 11.29 | 2'–3' AC | 0'–1' AC | 12.40 | 4' AC | 12.61 | 0'–2' AC | 12.73 | 4' AC | 13.14 | 0'–2' AC | 0 | 0 | 0 | (0)
Pavement: Width and Type	24' AC | 22' AC | 11.65 | 24' AC | 11' AC | 11' AC (24' AC) | (24' AC)
Shoulder: Width and Type	0 | 10.58 | 0'–2' AC | 11.29 | 2'–4' AC/8'–12' Grass | 11.58 | 0'–2' AC / 8'–12' Grass | 12.45 | 0'–2' AC / 25'–30' Grass | 2'–4' AC | 2'–4' AC | 14.91 | (6' AC)
Number of Traffic Lanes	10.06 | 4–12' | 10.31 | 4–11' | 10.66 | 4–12' | 13.23 | 2–11' / 1–11' | 2–11' | 2–12' | 2–11' | 1–11' / 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	10.07; 10.48 10.56; 11.64 11.77; 11.91 11.99; 12.25 12.30 12.33 12.37 12.47; 12.61 12.65 12.71 12.79 12.80; 13.14 13.18 13.23 13.33
(Right Side)	10.08; 10.45 10.48; 11.62 11.69 11.73; 12.16 12.21 12.28 12.39 12.46; 12.80; 13.15 13.23
Frontage Road: No. of Lanes, and Width (Right and Left)	10.59; 11.66 11.71 11.73; 11.89; 12.17 12.21 12.24 12.30 12.32 12.35; 12.62
Sidewalk: Width and Type (Right and Left)	10.48 4'–8' Conc. S.W.; 6' Conc. S.W.; 4' AC S.W.; 4' Bituminous SW; 4' AC S.W.; 4' Bituminous Curb; 4' Conc. S.W.; (4' AC S.W.); 12.40 6' PCC S.W. 12.69; 6' PCC S.W.; (4' Bituminous S.W.)
Curb and/or Gutter: Type (Right and Left)	10.49 Concrete Curb 10.77; Concrete Curb 11.38; 11.58 M/M 11.74 11.77 11.79; 11.92 2' Conc. Curb & Gutter 11.99; 12.25 Bituminous Curb 12.32; 13.43 Conc. Curb 13.59 13.61; 13.79 13.82; 14.08; 14.36 14.62 14.68
Protective Devices: Type, Location and Number	11.27 M/M 11.35; 11.50 M/M 11.63 11.66 11.70; Wood on Conc. M/C 11.93; Metal Rails on Concete Posts (to end of sheet) 13.35 13.45 13.53 13.58 13.67 13.73 13.86 13.92; 10' Chainlink Fence 14.41 14.52 14.81 14.83
Illumination: Type, Location and Number	(M.V.) 10.04 | 11.69 11.71 | 56 H.P.S. | 12.21 | 35 H.P.S. | 12.71 | H.P.S. | 13.24 | 13.94 | 14.07 | 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
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	10.12 Flat ① 10.45 | Rolling ② | 14.10 | Moutainous ③ | 14.95 | Flat ① 14.99
Speed: 1–Design, 2–Posted	25 MPH ② | 10.09 | 45 MPH ② | 11.51 11.56 | 35 MPH ② | 12.47 | 45 MPH ② / 35 MPH ② | 13.98 14.01 | 35 MPH ② | 45 MPH ② 14.96
Intersection Control Devices: Type, Location and Cycle Timing	10.48 3 Phase; 11.69 3 Phase; 3 Phase 12.21; 12.37 4 Phase; 12.71 4 Phase; 13.23 3 Phase; (B72 0099 01434)
Traffic Station	B72 0099 00986 | B72 0099 01012 | B72 0099 01031 | B72 0099 01066 | B72 0099 01106 | B72 0099 01127 | B72 0099 01169 | B72 0099 01208 | B72 0099 01237 | B72 0099 01271 | B72 0099 01323 | B72 0099 01341 | B72 0099 01355 | B72 0099 01441 | B72 0099 01452 | B72 0099 01490
HPMS Section	10.27 | 10.66 | 11.06 | 11.26 | 11.27 | 12.04 | 12.25 | 12.48 | 12.97 | 13.41 | 13.55 | 14.34 | 14.41 | 14.52 | 14.54 | 14.90
AADT (Year 2005)	28,089 | 10.12 | 26,619 | 10.31 | 21,273 | 11.69 | 20,320 | 12.08 | 18,840 | 12.37 | 22,454 | 12.71 | 13,967 | 13.23 | 30,376
DOD Sections	
Census Tracts	
Functional Classification	Frwy & Expressway (Connecting Link)
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	11.69 99C-01-87, 1988 (Improv.) 12.37; 13.33 99C-01-78M, (R) 1979
	10.13 99C-01-78M, (R) 1979 12.20; 12.37 99C-01-73, (R) 1975
	C-99-06-60, 1960 10.50; 11.20 SN (DC) FA F-7(20), 1949; 13.36
	DA-WR 8(3), 1947; 11.20; 11.82 WPH-7G, 1937 12.20; 13.36 99C-01-75, 1975 13.56 WDRC 5(1), 1946 14.50 C-99-01-60, 1960
	10.50 NRH-7D, 1934 10.99 WPH-7-1, 1936 .21 SN FAP 7(19), 1949 WPH-7-1, 1936 11.59 WRH-7D, 1934 12.20; 13.36 FAP 7-F, 1932

SCALE: (In Miles) 4" = 1 mile — 10, 11, 12, 13, 14, 15

Date Released	
May 2002	
Revised	
Apr. 04	D.B.
5/06	G.N.

ROAD INVENTORY

OAHU RTE 99

KAMEMEHAHA HWY., FARRINGTON HWY.

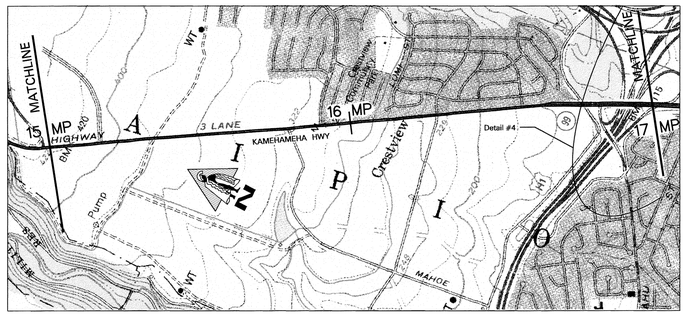
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

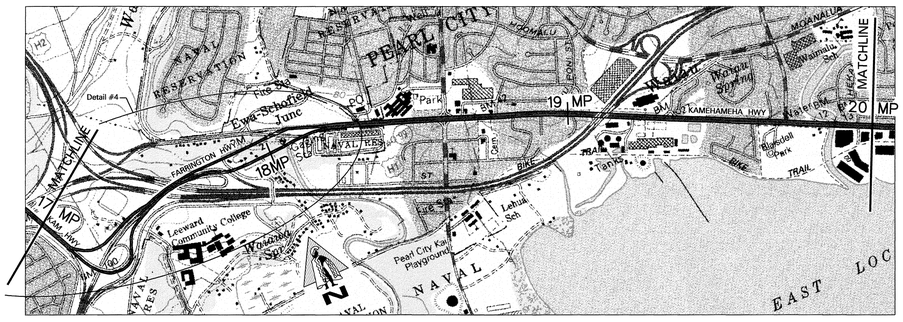
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total 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 _____

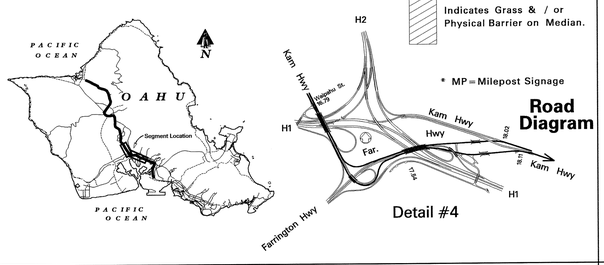




SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	65' SG, HS20, 1953 Waipahu U.P. / 489' TBM, HS20, 1969 H1 U.P. / 184' P/CB, HS20, 1969 Farrington Hwy U.P. / 527' CBG, HS20, 1969 H1 U.P. / 260' CBG, 1969 18' / 332' TBM, H15, 1923 30' / 200' 28' / 154' TBM 1988 Waiawa Br. I.B. / 38' TBM, HS20, 1962 Pearl City Br. / P/CB, 1969 H1 Overpass / 45' P/CB, HS20, 1966 Waimalu Str. Br.
	Vertical Clearance	28' / 34' / 23' / 33' / 43' H1 Ramp O.P. / 16' / 16' / 38' / 38' / 33' Waiawa Br. O.B. / 16' 34" Kam Hwy O.P. / 42' / 42' / 10' / 99' / 39' / 38'
	Horizontal Clearance	
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		70' –240'
Available Right of Way Width (Needs Study)		(Trees & Bushes) 1000' Clear – Pineapple, 20' from Edge of Pavement; Wood 20' from Edge of Pavement; 1000' Clear – Sugar Cane, 20' from Edge of Pavement; Residential; Interchange; Chain Link; Chain Link; SW; Chain Link; Industrial & Residential
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		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.

99C (9.09mi.) | End 99C Begin 99D on Kam Hwy. @ the Centerline of Waipahu St. | 99D (1.23mi.) | 99D Continues from Rte 9000. Length shown is only for that portion on Rte 99 (I.D.) | End 99D Begin 99E at Junct. of Farr. Hwy. & Old Kam Hwy. | 99E (3.11mi.)

Ka Uka Blvd | Waipio Uka St | Lumiaina St | Lumiaina St | Waipahu St. | Waipahu U.P. | H–1 U.P. | Ramp from H1 I.B. (17.13 mi.) | Ramp from Farr. Hwy. I.B. (17.20 mi.) | Detail #4 Farrington Hwy (Rte 7101) 17.36 mi. | Ramp from H1 U.P. | Ramp Acc to H–1 17.25 mi. | Waiawa Br. O.B. 17.84 mi. | Kam Hwy O.P. 17.98 mi. | Ramp to H1 & H2 (Ramp from Old Kam Hwy) | Acacia Rd. (Manana Housing) | Spur to Home Depot | Waimano Home Rd. | Pearl City Br. | Puu-Momi St. | Puu-Poni St. | H1 Overpass Road | Kuleana St. | Road | Kaalumanoi Pl. | Hile Pl. | Kaahumanu St. | Waimalu Str. Br. | Hekaha St.

KAMEHAMEHA HWY | FARRINGTON HWY | KAMEHAMEHA HWY

15.14 mi. | 15.86 mi. | 16.24 mi. | 16.53 mi. | 16.73 mi. | 16.79 mi. (16.94 mi.) | 16.84 mi. (16.94 mi.) | On Ramp from H–1 16.99 mi. | Off Ramp to Waipahu 17.10 mi. | Farrington Hwy 17.17 mi. | Ramp Acc to H–1 17.28 mi. | 17.47 mi. | 17.54 mi. | Ramp Access 17.70 mi. | H1 Ramp O.P. 17.80 mi. | Waiawa Rd. 17.82 mi. | Waiawa Br. I.B. 17.97 mi. | Access from Pearl City Ind. Park 18.10 mi. | Kam. Hwy 18.11 mi. | 18.25 mi. | 18.35 mi. | Lehua Ave 18.54 mi. | 18.64 mi. | 18.71 mi. | 18.83 mi. | 19.06 mi. 19.03 mi. | 19.16 mi. | 19.28 mi. | 19.45 mi. | 19.55 mi. | 19.61 mi. | 19.66 mi. (Park Entrance) | 19.80 mi. | 19.90 mi.

CONTINUED ON SHEET #5

20.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	4'–6' AC; 2'–4' AC; 6'–8' AC; 0'–2' AC
	Pavement: Width and Type	24' AC; 24' AC; 15' AC; 33' AC; 24' AC; 36' AC
	Shoulder: Width and Type	0; 2'–4' AC (PCC on Structures)
	Median: Width and Type (M/M Guardrail; Conc. Barrier; Chain Link Fence; Median Curb)	0'–18' Painted AC; 18' Grass; (Structure); 15'–30' Grass; Structure; 20'–30' Grass; 10'–300' Parkway; 20'–3' Grass; 3' Raised Conc.; 2' Raised Conc.; 3'–15' Raised Grass; 6'–12' Raised Grass; 4'–10' Raised Grass; 6'–3' Raised Conc.; 8'–10' Grass
	Shoulder: Width and Type	1'–3' AC; 3'–5' AC (PCC on Structures); 2'–0' AC (PCC on Structures)
	Pavement: Width and Type	24' AC; 24' AC (24' PCC); 24' AC; 15' AC; 24' AC; 33' AC; 36' AC
	Shoulder: Width and Type	(6' AC); 0; 4'–6' AC; 0; 10' AC; 0'–2' AC; 9' AC; 0; 2'–4' AC (PCC on Structures); 8'–10' AC (PCC on Structures); 0; 1'–4' AC; 0
Number of Traffic Lanes		(1–11') (2–12') 4–12' 7' Conc. S.W. (2' Conc. Gutter) (6' Conc. Gutter) 4–12' 1–15' 2–12' 1–15' 2–12' 3–11' 3–12' 3–11' 2–12' 4–12' 6–12' (6–13.33') 6–12' 5' Conc. (10' Conc.) 6' Conc. 5' Conc. 6' Conc. 4' AC 4' Conc. 6' Conc. (6' Conc.) Conc. Curb
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		u = u turn
(Right Side)		u = u turn
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		
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:		Large Urbanized
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Flat ① Rolling ② Flat ①
Speed: 1–Design, 2–Posted		45 MPH ② 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing		3 Phase; 3 Phase; 3 Phase; 3 Phase; 2 Phase; 4 Phase; 4 Phase; 3 Phase; 3 Phase; 3 Phase; 3 Phase
Traffic Station		(B72 0099 01490) (B72 0099 01505) B72 0099 01514; B72 0099 01586; B72 0099 01606; B72 0099 01613; B72 0099 01629; B72 0099 01645; B72 0099 01650; B72 0099 01670; B72 0099 01675; B72 0099 01693; B72 0099 01693; B72 0099 01718; B72 0099 01729; B72 0099 01738; B72 0099 01747; B72 0099 01765; B72 0099 01802; B72 0099 01811; B72 0099 01825; B72 0099 01854; B72 0099 01901; B72 0099 01914; B72 0099 01966
HPMS Section		15.56; 16.03; 16.35; 16.69; 16.92; 17.51; 17.74; 18.09; 18.13; 18.30; 18.99; 19.35; 19.94
AADT (Year 2005)		30,376; 24,175; 38,247; 37,558; 36,868; 44,109; 45,257; 46,405; 64,300; 64,300; 53,909; 39,489; 41,173; 48,279
DOD Sections		
Census Tracts		
Functional Classification		Freeway & Expressway (Connecting Link); Principal Arterial
National Highway System (NHS)		NHS; None
Previous Projects: Project No., Date and Limits		NH–099–1(9), (Widening) 1995; 99C–01–78M, (R) 1979; C–99–01–60, 1960; FAP 7–C, 1931; HWY–0–03–83M, (R) 1983; F–7(21), 1953; I–H1–1(36):8, 1967; I–H1–1(47):9, 1968; 90A–01–77M, (R) 1978; F–9(35), 1952; 90–BC–01–73, (R) 1975; U–090–1(9), 1965; F–090–1(6), 1961; (90BC–01–76 M., (R) 1976); (HWY–0–01–88M, (R) 1988); (DA–NR 13(2), 1944); FAP 7–F, 1932

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

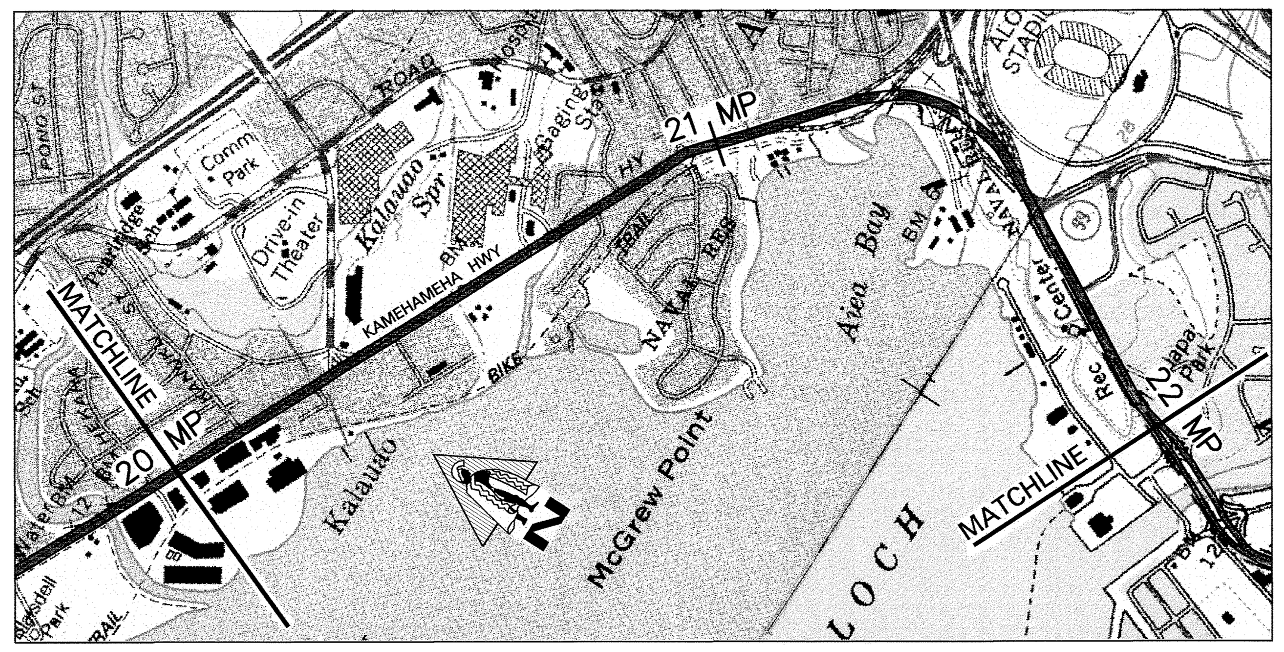
OAHU RTE 99
KAMEHAMEHA HWY.

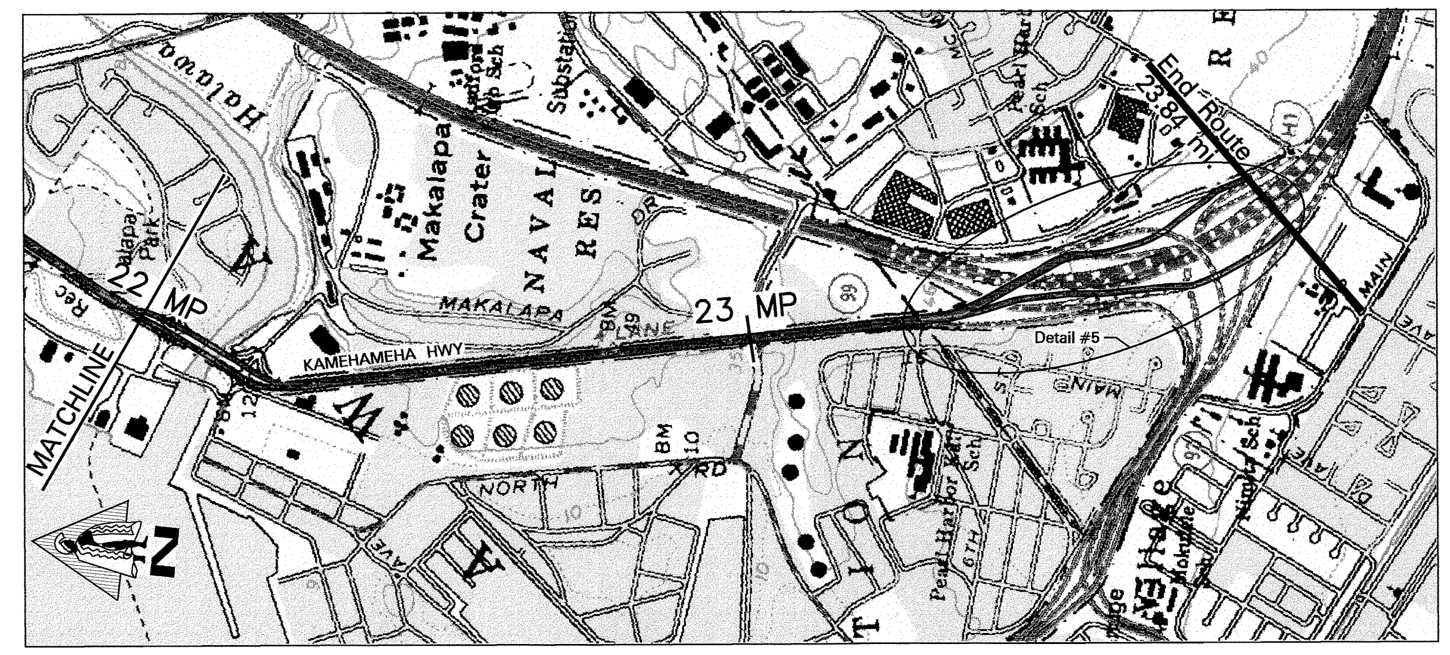
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total 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 — 20 | 21 | 22 | 23 | 24 | 25

Maintenance Control Sections : Length and Description
99E (3.11mi.) — 21.13 End 99E & Begin 99F @ N.W. End of Aiea Br. — 99F (1.03mi.) — 22.16 End 99F Begin 99G 200' S.E. of Halawa Gate Centerline. — 99G (1.67mi.) — End 99G Same as End of Route.

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Kalauao Springs Br.: 45', 54', P/CB, HS20, 1966; Kalauao Str. Br.: 108', 60'; Aiea Br.: OTH, HS20, 1965, 49'; Aiea Int. Struct. #2: SMS, 1966; Aiea Int. Struct. #4: SMS, 1965; Halawa Br.: P/CB, HS–20, 1970, 200'; Presstressed Conc Girder, HL–93, 2006, 277'; Structure #2 561', P/T Box Girder, HS–20, 1977; Structure #3 304'; Struct. #6 (L) 870'; 126'; 870'; P/T Box Girder & Reinforced Conc. Box Girder, HS–20, 1977; Reinforced Conc. Box Girder, HS–20, 1977, 294'; Struct. #4; Struct. #7

Vertical Clearance / **Horizontal Clearance**
39' / 39'; 39' / 38'; 80'; 37' / 48' – 3"; 16' / 18'; 40'

Structure Over Road — Vertical Clearance
18'; 16' 07"; 16.7'; 16.7'; 16.5'

Horizontal Clearance
44'; 46'; 39'; 12'; Struct. #6 (R)

Right of Way Width (min.–max.) if varies: 70' –240'

Available Right of Way Width (Needs Study): 21.37 – 21.66 Industrial / Residential

Right of Way Fence: Type – Right and Left: 21.37–21.66 Chain Link Fence; Chain Link Fence; 22.49–22.54; 22.65–22.69 Wood; 22.98–23.15 C. L. Fence

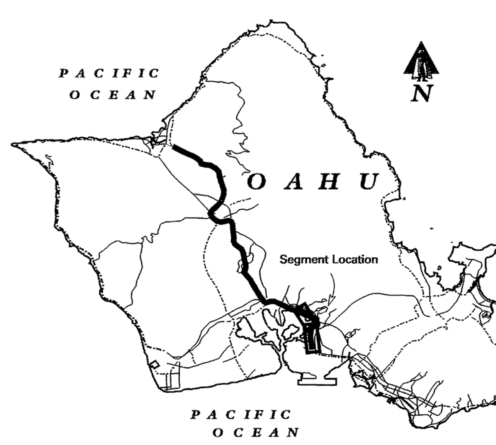
Control of Access: 1–None, 2–Partial, 3–Full: Partial — 21.06 — 21.32 — None — 23.54

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State (264+25) (255+40)

Project No., Type of Construction, and Year Constructed: (HWY–O–01–88M, (R) 1988) 20.45, 20.47, 20.66, 20.70; (90BC–01–76M, (R) 1976); (BR–099–1(19), Inbound Bridge Replacement, 2007) 21.96, 22.14

Project No., Type of Construction, and Year Constructed: 99E–01–91M, (R) 1992 — 21.16 21.18 — STP–099–1(15), (R) 1996 — 22.08 — 99EF–01–87M, (R) 1987 — 23.19 — NH–092–1(22), (R) 1995

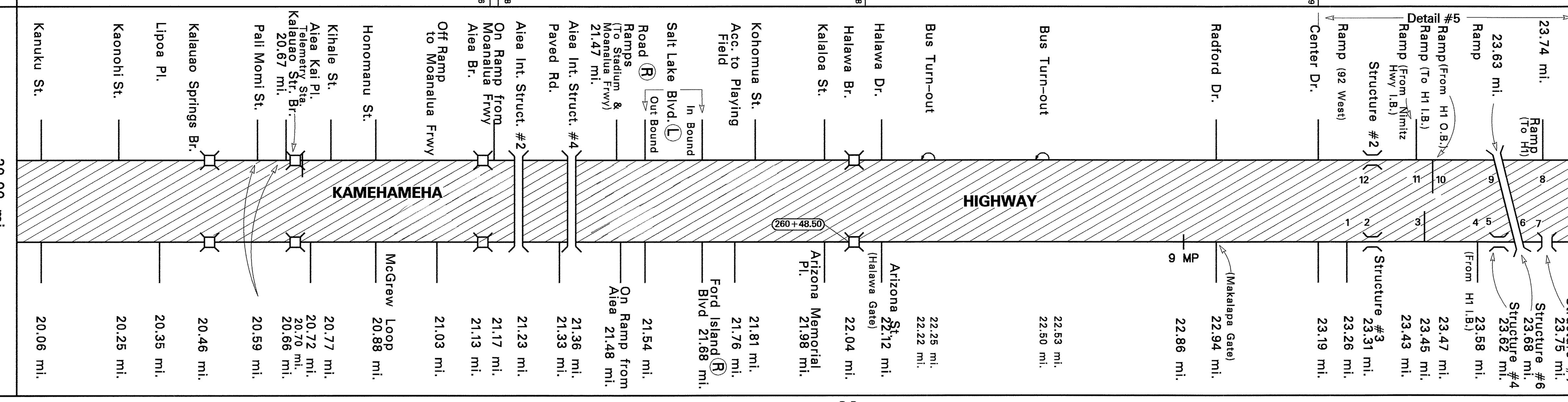
Indicates Grass & / or Physical Barrier on Median.



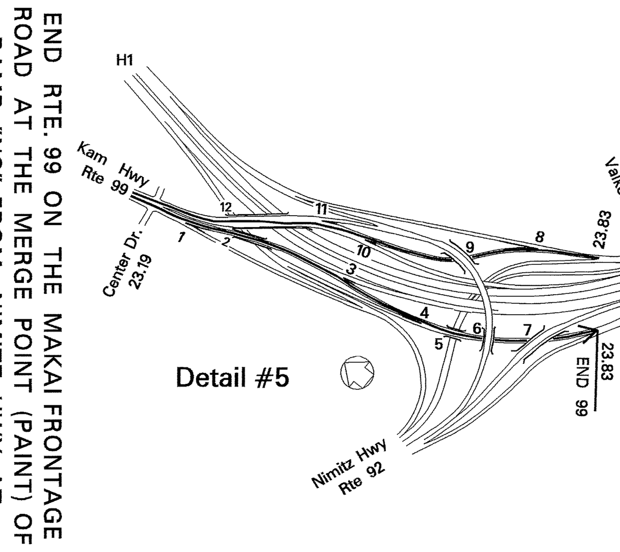
Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #4



END RTE. 99 ON THE MAKAI FRONTAGE ROAD AT THE MERGE POINT (PAINT) OF RAMP "NS" FROM NIMITZ HWY. AT PEARL HARBOR INTERCHANGE.
23.83 mi.



Detail #5

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

Divided Highway — Undivided

Shoulder: Width and Type: (39' AC) (39' AC) 0'–2' AC — 22.96 — 6'–8' AC (PCC on Structures)

Pavement: Width and Type: 36' AC — 20.46 — 20.49 — 36' AC — 20.66 — 20.70 — 36' AC — 21.17 — 24' AC — 21.47 — 50' AC — 21.66 — 38' AC — 21.81 — 28' AC — 22.11 — 24' AC — 23.05 — 36' AC — 23.19 — 48' AC — 23.47 — 24' AC

Shoulder: Width and Type (Median Curb=): 20.29 20.36 0'–2' AC — 21.68 — 21.87 — (2'–20' Raised Shrubs & Grass) — (20 AC Raised) — 23.24 — 6'–4' AC (PCC on Structures)

Median: Width and Type (▭ =Conc. Barrier; ⊢⊣ =M/M Guard Rail; ⋋ =Chain Link Fence): 22' Flush Grass — 20.15 — 22' Raised Grass — 20.38 — 5'–20' Grs. — 20.48 — 6'–15' Raised Grass — 20.60 — 20.91 — 2'–4' Raised AC — 21.21 — 15' Raised Grv. — 21.41 — 2'–15' Raised AC — 21.52 — 3'–6' Raised Conc. — 21.71 — Conc. Barrier — 21.87 — 21.93 — 21.99 — 30' Grs. — 22.02 22.06 22.09 — 22.14 — 20'–3' Raised Shrubs & Grass — 22.25 — 3' AC Raised — 22.78 — 2'–8' Raised Grass — 23.00 — 5' AC Raised — 23.15 — (Conc. Barrier) Interchange — 23.29 23.39 23.63 23.67 23.77 — 4' AC Gutters — (8' Conc.)

Shoulder: Width and Type (=Median Curb): 20.10 — 1'–4' AC (PCC on Structures) — 21.70 — 21.93 — 21.99 — 23.24 — 23.67

Pavement: Width and Type: 36' AC — 20.46 — 20.49 — 36' AC — 20.66 — 20.70 — 36' AC — 21.03 — 24' AC — 21.44 — (38' AC) 21.51 — 21.54 (50' AC) — 38' AC — 21.98 — 36' AC — 23.26 — 24' AC

Shoulder: Width and Type: (39' AC) (39' AC) 0'–1' AC — 21.47 (4–12.6') — 7' AC — 22.14 — 8'–10' AC — 22.94 — 0'–1' AC — 23.19 — 8' AC (PCC on Structure)

Number of Traffic Lanes: 6–12' (6–13') 20.49 6–12' 20.66 (6–13') 6–12' 21.03 3–12' / 2–12' 21.17 4–12' (2–12') (3–12.6') 4–12.6' / 3–12.6' 21.66 6–12.6' 21.81 2–14' / 3–12.6' 22.07 22.11 2–12' / 3–12' 23.06 6–12' (3–12') 23.26 4–12' / 2–12' 23.47 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) / (Right Side): 20.01 20.06 20.09 20.14 20.19 20.25 20.36 20.41 20.46 20.48 20.54 20.59 20.63 20.68 20.70 20.72 20.76 20.79 20.84 20.91 20.96 21.27 21.33 21.37 21.38 21.44 21.51 21.54 (8–12.6') 21.60 21.61 21.66 21.77 21.82 21.89 (1–14' TL) 21.98 22.03 22.08 22.12 22.16 22.83 22.86 22.88 22.94 23.10 23.14 23.19 23.24 23.29

Frontage Road: No. of Lanes, and Width (Right and Left): 20.06 20.12 20.61 20.79

Sidewalk: Width and Type (Right and Left): 3' AC (6' Conc.) 4'–6' Conc. 4' AC — 21.09 5' Conc. 21.54 — 10' Conc. — 23.00 — 23.17 4' 23.28 — 23.48 8' 23.64 4' 23.69; 20.15 8' Conc. 20.49 — (4' Conc.) 20.66 20.72 — 20.80 20.88 (6' Conc.) — 21.05 10' Conc. 22.19

Curb and/or Gutter: Type (Right and Left): Conc. Curb — Conc. Curb 22.17 — Curb 23.23 — 23.36 4' — 4' — All AC Gutters

Protective Devices: Type, Location and Number: 20.66 20.70 M/M Guardrails — (Metal Rails on Concrete Posts) 22.20 — (Wood Rails on Concrete Posts) 22.82 — 22.98 (Metal Rails on Concrete Posts) 23.47 23.79

Illumination: Type, Location and Number: Mercury Vapor Lamps — 20.85 — 8 HPS Lamps — 21.03 — Mercury Vapor Lamps — 22.26 — 22.51 — 22.88 (M.V.) 22.93 — 23.08 — 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: Large Urbanized

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat ① — 20.69 — Rolling ②

Speed: 1–Design, 2–Posted: 35 MPH ②

Intersection Control Devices: Type, Location and Cycle Timing: 20.06 3 Ph — 3 Ph 20.25 — 20.36 3 Phase — 3 Phase 20.59 — 20.66 2 Phase — 20.91 3 Phase — (B72 0099 02151) (B72 0099 02147) (B72 0099 02144) — 21.54 2 Ph. — 21.68 3 Phase — 3 Phase 21.98 — 22.12 3 Phase — 22.94 4 Phase — 3 Ph. 23.19 (B72 0099 02319)

Traffic Station: B72 0099 01966 — B72 0099 02025 — B72 0099 02073 — B72 0099 02091 — B72 0099 02103 — B72 0099 02117 — B72 0099 02154 — B72 0099 02168 — B72 0099 02181 — B72 0099 02192 — B72 0099 02202 — B72 0099 02211 — B72 0099 02294 — B72 0099 02305 — B72 0099 02326 — B72 0099 02346

HPMS Section: 20.68 20.91 21.03 21.14 21.44 21.47 .48 21.51 21.58 21.72 21.92 22.02 22.03 22.70 23.05 23.10 23.24 23.30 23.72

AADT (Year 2005): 48,279 — 20.25 — 58,928 — 20.73 — 74,746 — 51,720 — 21.17 — 37,532 — 21.54 — 30,974 — 21.68 — 29,921 — 21.81 — 28,108 — 22.11 — 26,294 — 22.94 — 22,921 — 23.19 (25,911) — 23.26 — 8,603 — 23.46 — 17,888 — 23.83

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (Other)

National Highway System (NHS): None

Previous Projects: Project No., Date and Limits
22.11 90C–02–75, (Bikeway– Right Side) 1977 22.93
90BC–01–76M, (R) 1976 21.81 — 22.07 99EF–01–87M, (R) 1987 23.19
21.55 F–090–1(14), 1968 21.94 — 90CD–01–74, (R) 1974 22.97 — (I–H1–1(111):14, 1976) 23.17 — 23.22 (I–H1–1(110):15, 1976) 23.34 I–H1–1(73):15, 1977
U–090–1(9), 1965 (90BD–03–70, 1971) 20.84 (DANR 13(3), 1945) — (SN(DC) FAP 9–A(9), 1945) 21.97
DA–NR 13(2), 1944 20.74 20.87 — DA–NR 13(2), 1944 — 21.82 21.94 (U–090–1(16), 1969) 21.99 (U–090–1(15), 1969) 22.06 U–090–1(16), 1969 22.91 SN(DC) FAP 9–A(9), 1945

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

Date Released	
May 2002	
Revised	
Apr. 04	D.B.
6/06	D.B.
3/07	D.B.

ROAD INVENTORY

OAHU RTE 750
KUNIA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

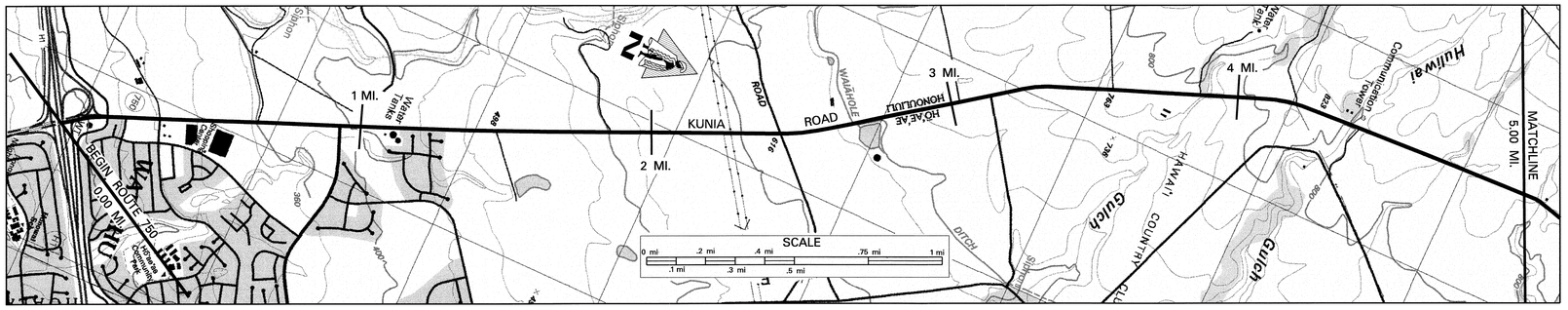
Total Route Length: 8.05 miles

a. Survey Length: 8.05 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

0 1 2 3 4 5

Maintenance Control Sections : Length and Description

BEGIN 750A ON KUNIA ROAD AT THE NORTH BOUNDRY OF KUNIA INTERCHANGE — 750A (7.92 MI.)

Structure Carrying Road

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

PRESTRESSED BEAM, 1967, HS 20

Vertical Clearance 0.01

Horizontal Clearance

Structure Over Road

Vertical Clearance 16.2'

Horizontal Clearance 32.0'

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

120' | 80' | 60'–130'

Available Right of Way Width (Needs Study)

CLEAR 1000' – SUGAR CANE 20' FROM PAVEMENT | CLEAR 1000' – PINEAPPLE 20' F.P.

Right of Way Fence: Type – Right and Left

CHAINLINK 20' FROM PAVEMENT | CHAINLINK 20' FROM PAVEMENT

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

NONE

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

STATE

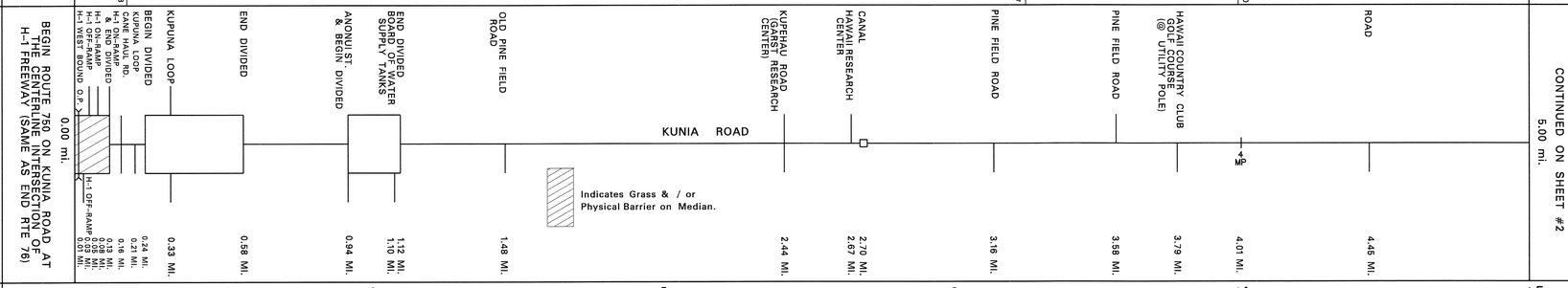
Project No., Type of Construction, and Year Constructed

HWY-0-01-04 Imprvts, 2005
IM-STP-0750(10), WIDENING, 2001
(IM-H1-1(219), IMPRV., 2000)
STP-0750(8), RESURF., 1994
SR-0750(6), RESURF., 1984
STP-0750(9), RESURFACING, 1996

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage



CONTINUED ON SHEET #2

5.00 mi.

SCALE: (In Miles) 4" = 1 mile

0 1 2 3 4 5

Divided Highway — Undivided

Shoulder: Width and Type 2' AC | 4' AC | 3' AC | 4' AC

Pavement: Width and Type (36' AC) | 24' AC | 65' AC | 48' AC | 24' AC | 50' AC | 36' AC | 12' AC | 22' AC

Shoulder: Width and Type 0 | 1' AC | 0 | 0 | 0 | 3' AC | 8' AC | 3' AC | 4' AC

Divided Highway — Median

Median: Width and Type (0'–15' PAINT & RAISED CONC.) | 12' PAINTED AC | 4' PAINTED AC

Median Barriers:

Divided Highway — Shoulder

Shoulder: Width and Type 0 | 0 | 0

Divided Highway — Pavement

Pavement: Width and Type (24' AC) | 36' AC | 26' AC | 12' AC

Divided Highway — Shoulder

Shoulder: Width and Type (5' AC) | 1' AC | 0 | 16' AC (8' AC)

Number of Traffic Lanes (3–12' (0.05)) (2–12' (0.04)) | 2–12' 3–12' 4–12' | 2–12' 1–12', 1–14' 1–12' | 2–12' | 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (2-12' TL'S) | 12' T.L. | 10' T.L. | 10' T.L.

(Right Side)

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

Sidewalk: Width and Type (Right and Left) 8' CONC. S.W.

Curb and/or Gutter: Type (Right and Left) (GUTTER .01 – .02) | CURB | 2' CONC. CURB & GUTTER

Protective Devices: Type, Location and Number ALL METAL ON METAL UNLESS OTHERWISE INDICATED — CONC. POST STEEL RAILS

Illumination: Type, Location and Number 5 MV | 27 HPS LAMPS

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative 0.19 +8 0.52 0.58 +3 0.70 0.73 +2 0.98 1.07 +6 1.41 1.54 +1 1.70 1.75 +3 1.96 | 2.60 +3 2.70 2.88 +3 3.28 3.52 +2 3.86 3.94 +6 4.08 4.42 +4 4.55 4.81 +3 4.92

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: LARGE URBANIZED | RURAL

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

Speed: 1–Design, 2–Posted 2 PHASE 35 MPH (2) | 4 PHASE | 3 PHASE | 45 MPH (2) | (35 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station (B72 0750 00005) | B72 0750 00005 | B72 0750 00033 | B72 0750 00094 | B72 0750 00200 | B72 0750 00378 | B72 0750 00488

HPMS Section 0.01 | 0.27 | 0.88 | 2.00 | 2.75 | 4.86 | 4.88

AADT (Year 2005) (3) (74,047) | 41,648 | 19,287 | 14,108 | 12,409 | 12,112

DOD Sections

Census Tracts

Functional Classification PRINCIPAL ARTERIAL | MINOR ARTERIAL

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

STP-0750(8) RESURFACE, 1994
750A-01-82M, RESURFACE, 1982
A-75-01-64, 1964 (R)
NRH-16A, 1933
STP-0750(9), RESURFACING, 1996
SR-0750(6), RESURFACE, 1984
0.18 (I-H1-1(18), U-2,1965)
97 + 64.61 448 + 53.41
107 + 00

SCALE: (In Miles) 4" = 1 mile

0 1 2 3 4 5

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

ROAD INVENTORY

OAHU RTE 750
KUNIA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

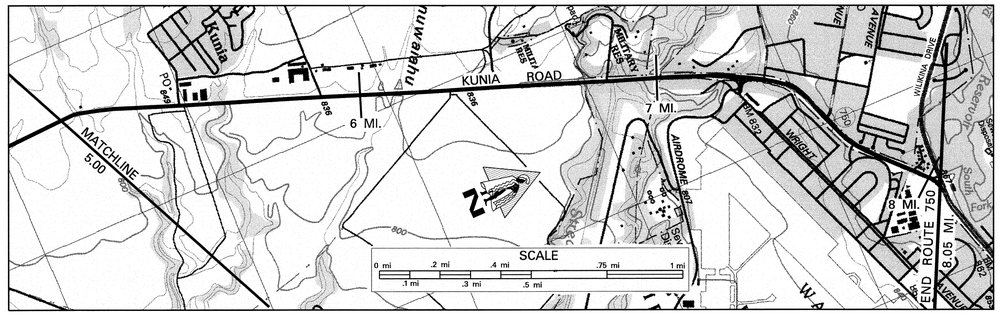
Total Route Length: 8.05 miles

a. Survey Length: 8.05 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

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' (7.04) 100'

Available Right of Way Width (Needs Study)

CLEAR 1000' – PINEAPPLE – 20' FROM PAVEMENT (6.82) 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) (RS-0750(7), (R), 1986)

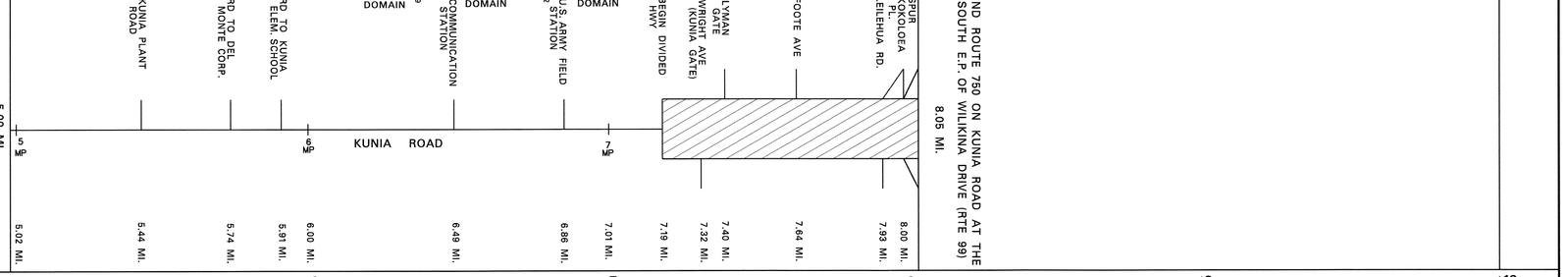
Project No., Type of Construction, and Year Constructed

STP-0750(9), RESURFACING, 1996 (STP-0750(11), 2000) (6.82) (7.19) (7.24) STP-7500(1), 1997, (R)

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway — Undivided

Shoulder: Width and Type

4' AC | 3' AC (6.57) | 8' AC (6.80) | 3' AC (6.92) | 8' AC (7.04) | 1'–6' AC (7.21) | 0

Pavement: Width and Type

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

Shoulder: Width and Type

4' AC (8' AC) (5.65) | 3' AC | 9' AC (6.80) | 3' AC (6.98) | 9' AC | 1'–6' AC | 0

Median: Width and Type

20' RAISED GRASS

Median Barriers:

(7.19)

Shoulder: Width and Type

0

Pavement: Width and Type

(12' AC) (7.21) 24' AC (12' AC)

Shoulder: Type

(1'–6' AC) 0 (7.60) 20' AC (7.74) 0

Number of Traffic Lanes

2–11' (7.04) 2–12' (7.32) 4–12' (8.02) (2–12')

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

(7.30) (7.40) (7.43) (7.58) (7.66) (7.84) (7.87) (7.97)

(Right Side)

(7.25) (7.32) (7.59) (7.69) (7.71) (7.87) (7.93)

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

4' 4' 4'

Sidewalk: Width and Type (Right and Left)

4' 4' 4'

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

(7.63) 1 2 (7.81) 1 (7.71) 2 (7.93) 1

1 = CONC. CURB
2 = MOUNTABLE CONC. CURB

Protective Devices: Type, Location and Number ALL METAL ON METAL UNLESS OTHERWISE INDICATED

(5.57) (5.58) (5.62) (5.60) (5.84) (5.90) (5.89) (6.08) (6.11) (6.22) (6.35) (6.49) (6.70) (6.80) (6.89) (7.32) (7.40) (7.69)

Illumination: Type, Location and Number

HPS (7.20)

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

(6.68) –6 (6.85) (6.90) +6 (7.08)

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL (7.04) LARGE URBANIZED

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

(2) ROLLING (5.75) FLAT (6.75) ROLLING (7.18) FLAT

Speed: 1–Design, 2–Posted

35 MPH (2) (7.86) NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing

(6.85) TRAFFIC LIGHT 3 PHASE (7.84) TRAFFIC LIGHT

Traffic Station

B72 0750 00488 | B72 0750 00704 (7.19) | B72 0750 00719 | (B72 0750 00802)

HPMS Section

6.56 | 7.49 | 8.02

AADT (Year 2005)

12,112 | (7.04) 15,404 | (8.05) (24,141)

DOD Sections

Census Tracts

Functional Classification

MINOR ARTERIAL (7.32) NHS

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

STP-0750(9), RESURFACING, 1996 (7.19)
(5.50) RS-0750(7), RESURF., 1986 (7.21) (7.22) 7500A-01-88M, (R), 1988
SR-0750(6), RESURFACE, 1984 (5.64) (7.04) 750A-01-71, (R), 1971
A-75-01-64, 1964, (R) (7.22)
NRH-16A, 1933 (7.07) DAWR 8(3), 1947

(8.05)

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
MAR. 05, D.B.

Revised	
6/06	D.B.

ROAD INVENTORY

OAHU RTE 901
FORT BARRETTE ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

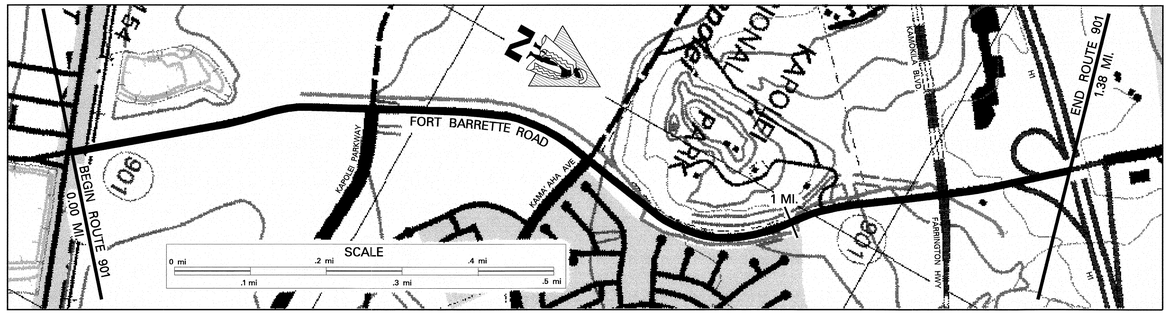
Total Route Length: 1.38 miles

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 (0.80) | 1.24 RESIDENTIAL

Right of Way Fence: Type – Right and Left: (CHAINLINK 20' FROM PAVEMENT) (0.01)

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

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

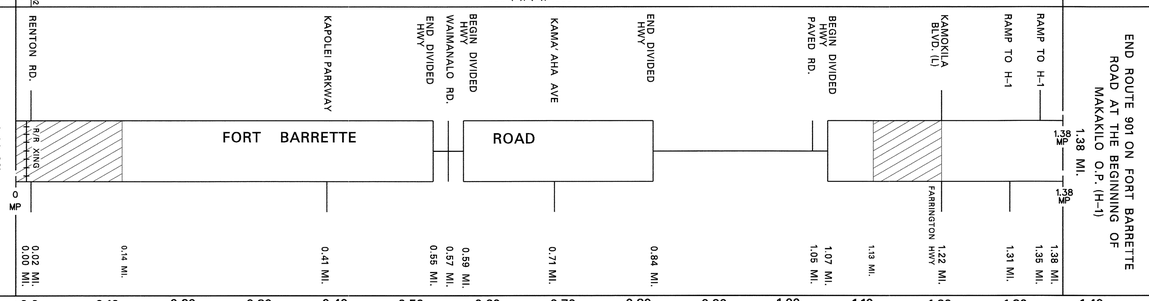
Project No., Type of Construction, and Year Constructed: 1.23 H1A-01-02M, 2004, REHAB.

Project No., Type of Construction, and Year Constructed: (SR-901(1), (R), 1981) 0.02 | STP-0901(3), (R), 1993

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 10" = 1 mile

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

Divided Highway – Undivided

Shoulder: Width and Type: 6' AC | 12' GRASS 1.22 0

Pavement: Width and Type: 24' AC (0.08) | 12.5' AC | 26' AC | 12.5' AC | 25' AC | 13' AC (1.15) | 24' AC

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

Median: Width and Type: 10' FLUSH GRASS (0.14) | 12' PAINT | (0.55 / 0.59) | 12' PAINT | (0.84) | (0-10' PAINTED) (1.07) | 10' RAISED GRASS (1.13) | 12' PAINT (1.22)

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' (1.35)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (0.47 / 0.50) (0.30 / 0.33) (0.71 / 0.80) (0.61 / 0.76) (1.22 / 1.35) (1.35 / 1.38) ALL 12' T.Ls.

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 1.28 6' CONC. | 1.35 4' AC | 8' CONC.

Curb and/or Gutter: Type (Right and Left): CURB (0.11) CURB | 1.07 CURB & GUTTER 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

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: (1) FLAT | 1.23 (2) ROLLING

Speed: 1–Design, 2–Posted: 25 MPH (2) NOT POSTED (0.09 / 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 (0.57) | 2 PHASE TRAFFIC LIGHT (1.23)

Traffic Station: B72 0901 00000 | B72 0901 00008 (0.08) | B72 0901 00014 | B72 0901 00115 (1.15) | B72 0901 00122

HPMS Section: (0.14) 0.58 | 1.30

AADT (Year 2005): 0.00 | 27,298 | 29,117 | 1.22 41,295 | 1.38

DOD Sections: DOD 360

Census Tracts: CT 86.02

Functional Classification: MINOR ARTERIAL

National Highway System (NHS)

Previous Projects: Project No., Date and Limits: SR-901(1), RESURF., 1981 | DAD 1(2), 1959 | 1.07 901A-01-72, 1972 | I-H1-1(139):1,1981 | 1.22 1.31 (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.

ROAD INVENTORY

OAHU RTE 930
FARRINGTON HWY. – KAUKONAHUA RD.
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

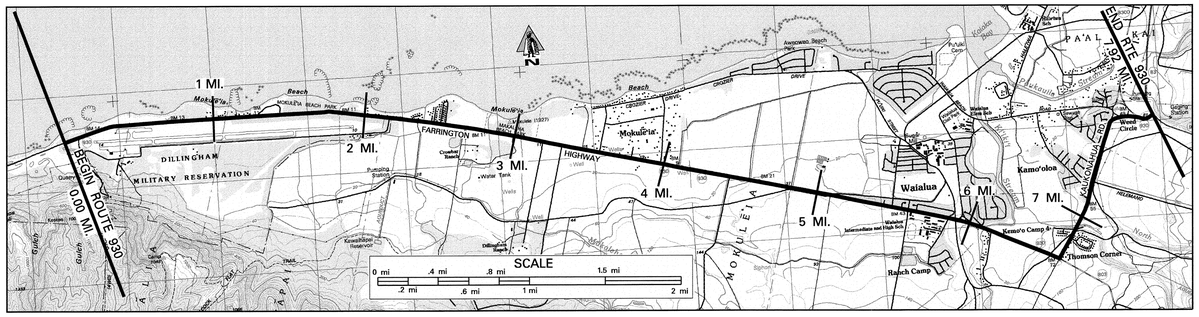
Total Route Length: 7.92 miles

a. **Survey Length:** 7.92 miles

b. **Proposed Length:** 0.00 miles

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

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

BEGIN 930 B SAME AS ROUTE. | 930 B (5.69 MI.) | END 930 B & BEG. 930 C ON FARR. HWY. AT CENTERLINE OF KUHI ST. 5.69 | 930 C (0.99 MI.) | END 930 C & BEG. 930 D ON FARR. HWY. AT WEST E.P. OF KAUKONAHUA RD. 6.68 | END 930 D SAME AS END ROUTE

Structure Carrying Road

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

SLAB, H15 1941 22' (1.21) | SLAB, H15 1940 52' (1.82) | SLAB, H15 1940 96' (2.85) | SLAB, H15 1940 50' (3.03) | SMS 1940 62' (5.85) | TBM, H15 1940 148' (6.15) | SLAB, H15 1941 23' (6.61) | OTHER, H15 1934 164' (6.90)

Vertical Clearance

Horizontal Clearance

Structure Passing Over

Vertical Clearance

Horizontal Clearance

32' | 24' | 24' | 24' | 26' | 36' | 24'

16'–04" | 24'

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

60'–75' (0.92) | 80' (1.98) | 70' (2.85) | 70' (5.97) | 70'–110' (6.42) | 60'–70' (7.01) | 60'–65' (7.20) | 60' (7.50) | 70'

Available Right of Way (Needs Study)

TREES AND BUSHES | RESIDENTIAL (WOOD 16' F.P.) (2.11) | RESIDENTIAL (WOOD 30' F.P.) (2.83) | 1000' CLR–SUGAR CANE 20'–30' F.P. (3.26) | RESIDENTIAL (5.19) | CLR 1000' SUGAR CANE

Right of Way Fence: Type – Right and Left

WOOD 30' F.P. (2.53 – 3.26)

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

NONE (2.17)

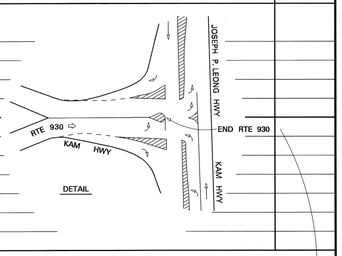
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

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

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN RTE 930 ON FARRINGTON HWY. @ THE KAENA PT. STATE PARK BDRY. 0.09 MI. WEST OF THE ACCESS RD. TO DILLINGHAM AIR FIELD @ FENCE LINE W/ DILLINGHAM AIRFIELD

0.00 MI.

FARRINGTON HIGHWAY

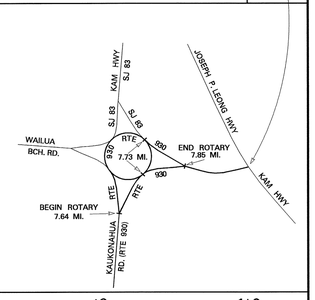
DILLINGHAM AIR FIELD ACCL. RD. 0.09 MI. | GLIDER FIELD ENTRANCE 0.34 MI. | KAWAIHAPAI BR. 1.21 MI. | MOKULEIA PK. (ENT.) 1.29 MI. | MOKULEIA PK. (EXIT) 1.43 MI. | POLI POLI BR. 1.82 MI. | DILLINGHAM A.F. 2.15 MI. | HOOMANA PL. 2.30 MI. | HOOMANA PL. LAAU PANA PL. CULVERT 2.38 MI. | POLO GROUNDS CROW BAR RANCH 2.52 MI. | KAPALAAU BR. 2.66 MI. | MAKALENA BR. 2.81 MI. | MOKULEIA (LAND CO.) 3.03 MI. | NO NAME ROAD 3.18 MI. | MAHINAI AI ST. 3.30 MI. | 'OLA'O PL. 3.56 MI. | OLOHI'O ST. 3.77 MI. | CULVERT & SUBSTATION 3.96 MI. | CULVERT FIELD ROAD 4.08 MI. | CULVERT CULVERT 4.43 MI. | CULVERT CULVERT 4.56 MI. | CANE HAUL RD. 4.63 MI. | KU PL. 5.11 MI. | PUUKI ST. 5.47 MI. | MAUKA ENT. TO PLANTATION RD. 5.52 MI. | MAUKA ENT. TO INT. SCHOOL 5.62 MI. | KANUI ST. (R) 5.72 MI. | KANUI ST. (L) 5.83 MI. | END DIV. HWY PLANT RD. O.P. 5.98 MI. | BEGIN DIV. HWY PLANT RD. O.P. 6.07 MI. | KAUPE RD. 6.15 MI. | KAUKONAHUA BR. 6.20 MI. | KAUKONAHUA RD. PLANT RD. TOP MAP 6.35 MI. | KAUKONAHUA RD. PLANT RD. O.P. 6.68 MI. | LOWER WAIALUA HOMESTEAD RD. 6.80 MI. | KAAMOOLOA RD. KEKONEA WAY 6.85 MI. | HUKILAU LA. 6.90 MI. | PA AHIHI ST. 7.16 MI. | BEGIN WEED JCT. 7.11 MI. | KEAKUA ST. 7.33 MI. | WAIALUA END WEED JCT. 7.46 MI. | BEGIN DIV. HWY 7.64 MI. | T.C. 7.65 MI. | 7.82 MI. | 7.84 MI. | END DIV. HWY 7.74 MI. | 7.83 MI. | 7.81 MI.

KAUKONAHUA ROAD

KAM HWY

END RTE 930 @ SOUTHWEST KAMEHAMEHA HWY. (SEE DETAIL)

7.92 MI.



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 — (25' RAISED GRASS) | (10'–300' GRASS) (0'–259' GRASS) (0'–8' PAINTED) — (44' PAINTED AC) (0'–12' PAINTED)

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) — 2–12'

(Right Side) — 2–20'

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

Sidewalk: Width and Type (Right and Left) — 3'–5' CONC.

Curb and/or Gutter: Type (Right and Left) — (6.5' CONC. S.W.) 3' CONC. S.W. | (CONC. GUTTER) CONC. CURB | WOOD ON CONC.

Protective Devices: Type, Location and Number — W/C | M/M

Illumination: Type, Location and Number — INCAN (2.14 – 2.39) | 27 MV LAMPS (5.24) | INCANDESCENT (6.88) | INCAN (7.10 – 7.26) | 19 MER. VAPOR LAMPS E. BND.

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — FLAT (4.72)

Speed: 1–Design, 2–Posted — NOT POSTED (1.95) | 35 MPH (2) (2.39) | 45 MPH (2) 35 MPH (2) | 25 MPH (2) 45 MPH (2) (5.22) | 25 MPH (2) (6.17) | 35 MPH (2) (6.22) | (25 MPH (2)) (7.63) | 25 MPH (2) (7.85) | (45 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station — B72 0930 00000 (1.82) | B72 0930 00215 (2.81) | B72 0930 00408 (4.43) | B72 0930 00480 (4.50) | B72 0930 00510 (5.52) | B72 0930 00552 (5.90) | B72 0930 00622 (6.30) | B72 0930 00668 (7.35)

Minimum Stopping SSD–

AADT (Year 2005) — 1,657 | 2,513 | 3,432 | 6,631 | 8,414 | 6,984

DOD Sections — DOD 326 | DOD 330

Census Tracts — CT 99.01 | 99.02

Functional Classification — MAJOR COLLECTOR

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

(RS–0930, 1979, WIDEN, RESURF, SHLDR. IMPRV.) 6.68 – 7.63

930B–01–69, 1970 (1.23 – 1.94) | 930B–01–73, (R), 1974 (2.23 – 3.26) | A–99–01–65, (R), 1965 (5.12 – 6.07) | WDRC 8(1), 1934 (6.18 – 6.72) | (DF–082–1(1), 1959) | (FAP 21-8, 1937)

WDR 4(1) 1950 (1.20) | (WDR 4(1), 1950) | FAP 35 A(1) 1939 (1.51 – 1.83, 2.66 – 3.17) | WDR 4(1) 1950 | (FAGH 35–B(1), 1939) (5.69 – 6.15) | FAGH 35–B(1), 1939 (6.15 – 6.68) | NRH–7E, 1933 | FAP 7–J(1), 1939 | (FAP 35–C(1), 1939) | (F–7(22), 1951) | (FAP 21–C, 1939)

SCALE: (In Miles) 2" = 1 mile

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

ROAD INVENTORY

OAHU RTE 7012
WHITMORE AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

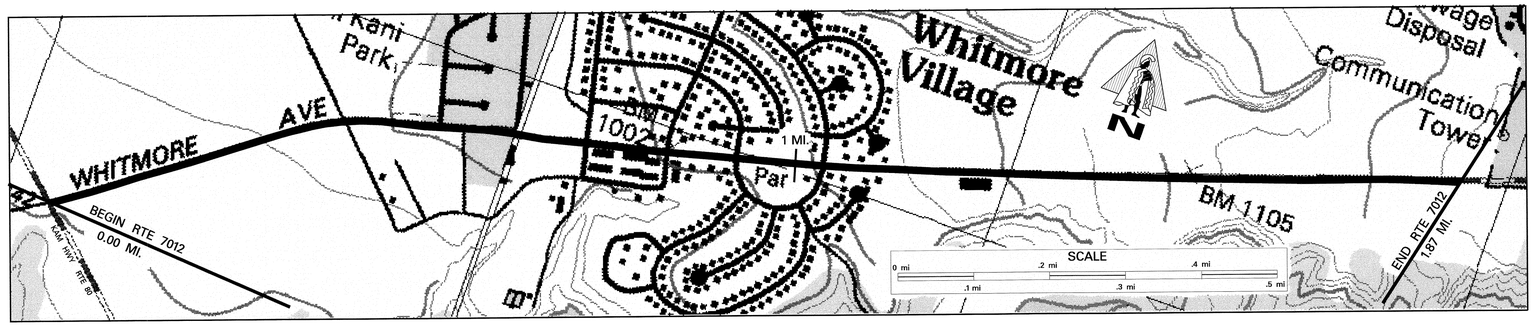
Total Route Length: 1.87 miles

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 (Needs Study)**: 1000' CLEAR PINEAPPLE FIELD 15' FROM EDGE OF PAVEMENT (0.03) — RESIDENTIAL / COMM. (1.29) — 1000' CLEAR PINEAPPLE FIELD 15' FROM EDGE OF PAVEMENT
- **Right of Way Fence: Type – Right and Left**: (CHAINLINK 15' FROM EDGE OF PAVEMENT) 0.07 | 0.83 | 0.92 | 1.00 (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)**: STATE
- **Project No., Type of Construction, and Year Constructed**: 7012A-01-98M RESURFACE, 1999
- **Project No., Type of Construction, and Year Constructed**

Road Diagram

* MP = Milepost Signage

0.00 MI. BEGIN RTE 7012 ON WHITMORE AVE. AT THE NORTHEAST EDGE OF PAVEMENT OF KAM HWY (RTE 80).

TRACTOR CROSSING 0.03 MI. | TRACTOR CROSSING 0.39 MI. | UAKANIKO'O ST. 0.52 MI. | KULIA ST. 0.62 MI. | DRIVEWAY TO DOLE CORP. (L) IHIHI AVE (R) 0.72 MI. | DRIVEWAY TO DOLE CORP. (L) LALAWAI ST. (R) 0.83 MI. | EHOEHO AVE. (L) NANI IHI AVE. (R) 0.92 MI. | IHIHI AVE. (L) NANI IHI AVE. (R) 1.03 MI. | TRACTOR CROSSING 1.48 MI. | MILITARY COMPOUND 1.56 MI.

WHITMORE AVENUE

END RTE 7012 ON WHITMORE AVE. AT NEW WEST BOUNDARY OF THE NAVAL COMMUNICATION STATION 1.87 MI.

SCALE: (In Miles) 10" = 1 mile

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

Divided Highway

Undivided

- **Shoulder: Width and Type**: 4' AC (0.72) — 2' AC (1.13) — 4' AC
- **Pavement: Width and Type**: 22' AC
- **Shoulder: Width and Type**: 4' AC
- **Median: Width and Type**
- **Median Barriers:**
- **Shoulder: Width and Type**
- **Pavement: Width and Type**
- **Shoulder: Width and Type**

- **Number of Traffic Lanes**: 2-11'
- **Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)** (0.05)
- **(Right Side)**
- **Frontage Road: No. of Lanes, and Width (Right and Left)**
- **Sidewalk: Width and Type (Right and Left)**: 4' B.P. SIDEWALK (0.72 — 1.13)
- **Curb and/or Gutter: Type (Right and Left)**
- **Protective Devices: Type, Location and Number**: NONE
- **Illumination: Type, Location and Number**: M.V. (1.08)
- **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
- **Terrain: 1-Flat, 2-Rolling, 3-Mountainous**: (1) FLAT
- **Speed: 1-Design, 2-Posted**: 25 MPH (2) — NOT POSTED (1.21)
- **Intersection Control Devices: Type, Location and Cycle Timing**: (NOT POSTED) TRAFFIC LIGHT 0.00 | 0.05 — STOP SIGN 0.72 — STOP SIGN 1.03
- **Traffic Station**: B72 7012 00000 — B72 7012 00103
- **HPMS Section**: 0.46 — 1.16 — 1.87
- **AADT** (Year 2005): 11,842 — 2,507
- **DOD Sections**: DOD 100
- **Census Tracts**
- **Functional Classification**: MINOR ARTERIAL
- **National Highway System (NHS)**
- **Previous Projects: Project No., Date and Limits**: 0.01 — 804 A-01-87M RESURFACE, 1986 (0.72) RS-0804(2), 1985 — A-804-01-65 RESURFACE 1965 — DANR 4(1) 1934 (1.13)

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.

54

ROAD INVENTORY

OAHU RTE 7101
FARRINGTON HWY.

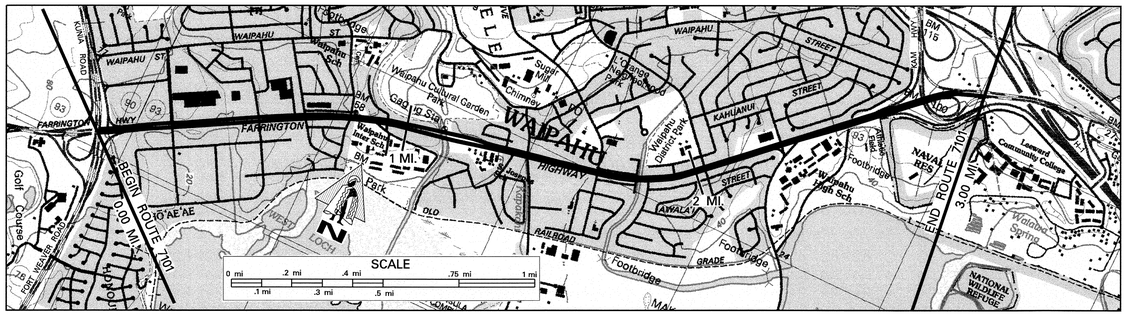
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 3.00 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

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

BEGIN 7101–A SAME AS BEGIN ROUTE | 7101 A (3.00 MI.) | END 7101–A SAME AS END ROUTE

Structure Carrying Road

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

CULVERT HS 20 1965 | 29′ | I.B. TBM H15 1939 49′ O.B. P/CB HS 20 1963 122′ I.B. : TBM HS 15 1939 130′ | SLAB HS 20 1964 | 23′ | SLAB HS 20 1964 | 55′ | SLAB HS 20 1952 | 24′ | P/CB HS 20 1969

Vertical Clearance

0.41 | 1.12 | 1.17 | 1.40 | 1.78 | 2.50 | 2.76

Horizontal Clearance

98′ | OUTBOUND : 36′ INBOUND : 24′ | 24′ | 99′ | 94′ | 82′

Structure Over Road

Vertical Clearance

15′ 10″ | 16′ 03″

Horizontal Clearance

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

ESTIMATED 100′

Available Right of Way Width (Needs Study)

COMMERCIAL | RESIDENTIAL

Right of Way Fence: Type – Right and Left

TILE | CL | SW

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

PARTIAL

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

43 + 80.28 | STATE | 36 + 05

Project No., Type of Construction, and Year Constructed

0.00 | 7101A–01–04M, REHAB., 2006 | 3.00

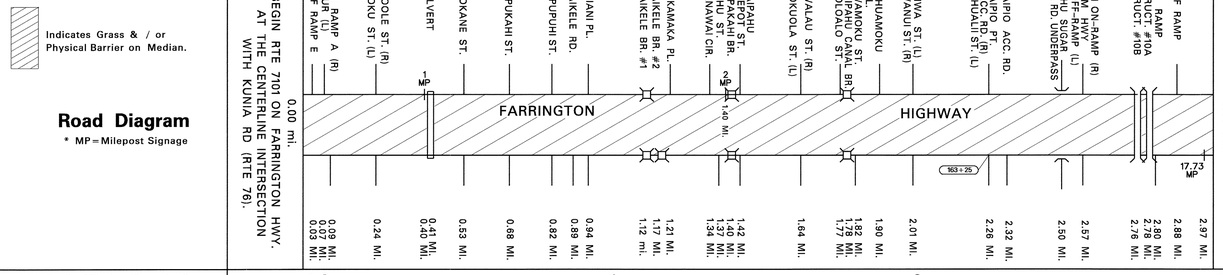
Project No., Type of Construction, and Year Constructed

0.03 | 7101A–01–98, IMPRV., 2003 | 2.73

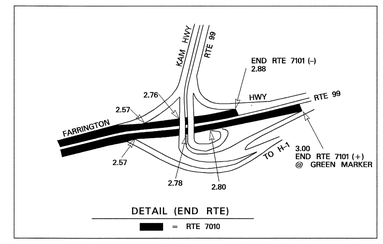
Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



END RTE 7101 ON FARRINGTON HWY AT THE KAMEHAMEHA HWY INBOUND OFF RAMP. 3.00 mi.



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway Undivided

Shoulder: Width and Type

10′ GRV | 0′ (8′ DIRT) | 0′ | 10′ GRASS | 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′

Median: Width and Type

36′ | 24′ | 36′ | 24′ | 4′–25′ | 10′ | 10′ RAISED GRASS

Median Barriers:

CHAIN LINK FENCE | TREES & SHRUBS ON RAISED GRASS

Shoulder: Width and Type

0′

Pavement: Width and Type

24′ AC | 26′ AC (12′ AC) | 24′ AC | 26′ AC | 24′ AC

Shoulder: Width and Type

8′ GRASS | 0′ | 8′–12′ GRASS | 8′–12′ GRASS | 0′ | 3′ AC | 8′–10′ GRASS | 10′ AC | 10′ DIRT | 10′ AC

Number of Traffic Lanes

4–12′ | 1–13′, 1–14′ | 1–12′, 1–14′ | 1–11′, 1–14′ | 3–12′ | 2–12′ | 3–11′

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

1–12′, 1–14′ | 2–12′ | 1–12′, 1–14′ | 2–12′

(Right Side)

0.50 | 0.61 | 0.36 | 0.64 | 0.43 | 13′ TL | 14′ TL | 1–12′ DECEL

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

Sidewalk: Width and Type (Right and Left)

6′ AC | 6′ AC | 4′ CONC. | 4′ CONC. | 6′ AC | 6′ CONC. S.W.

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

CONC. CURB | C/C | C/C | C/C | 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

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

ROLLING

Speed: 1–Design, 2–Posted

(NOT POSTED) | 35 MPH (2) | 30 MPH (2) | 30 MPH (2) | 30 MPH (2) | SCHOOL ZONE 25 MPH (2) | 35 MPH (2) | 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

4 PHASE | 3 PHASE

Traffic Station

B72 7101 00000 | B72 7101 00010 | B72 7101 00024 | B72 7101 00053 | B72 7101 00082 | B72 7101 00112 | B72 7101 00126 | B72 7101 00142 | B72 7101 00226 | B72 7101 00263

HPMS Section

0.12 | 0.41 | 0.73 | 1.12 | 1.26 | 1.95 | 2.48 | 2.76

AADT (Year 2005)

39,734 | 29,708 | 27,056 | 30,203 | 32,492 | 34,599 | 26,651

DOD Sections

DOD 185

Census Tracts

Functional Classification

PRINCIPAL ARTERIAL – (OTHER)

National Highway System (NHS)

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, PAVT WIDENING, 1999 | 2.00
(7101A–03–89, (R) 1991) – 1.40 – 1.48
HWY–O–01–90M, 1991, R | 0.50 | 7101A–01–89M (R), 1990
0.23 | DE–0200(801), IMPR., 1998 | 2.27
9000A–01–80M, (R) 1981 | 0.69 | 1.30 | 90A–01–77M (R) 1978
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

0 | 1 | 2 | 3 | 4 | 5

Date Released
APR. 2005, D.B.
Revised
6/06 D.B.
3/07 D.B.

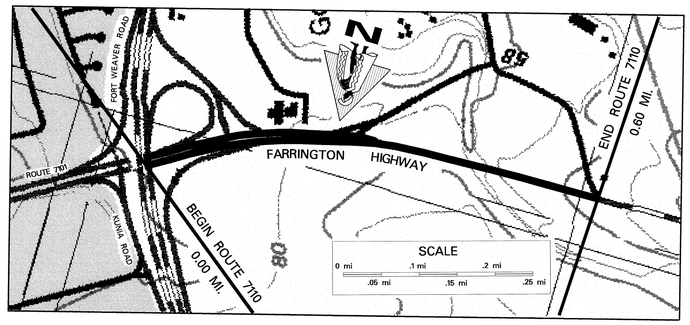
ROAD INVENTORY
OAHU RTE 7110
FARRINGTON HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 0.60 miles
a. Survey Length: 0.60 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

BEGIN 7110A SAME AS BEGIN ROUTE | 7110 A (0.60 MI.) | END 7110A SAME AS END RTE

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

NONE

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

STATE (43+80.28 to 24+20.55)

Project No., Type of Construction, and Year Constructed

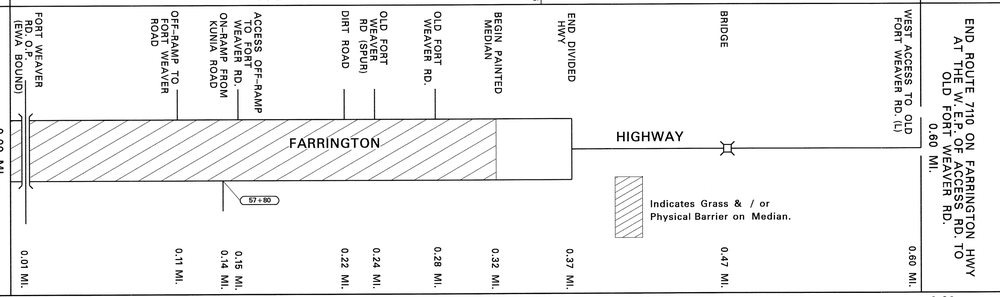
0.00 to 0.37: 7101A–01–04M, REHAB., 2006

Project No., Type of Construction, and Year Constructed

0.00 to 0.35: HWY–0–01–90M, (R), 1991

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

10' AC | 8'–10' DIRT | 6'–10' GRASS
24' AC | 24' AC
4'–6' AC | 0 | 8'–10' DIRT | 4'–6' DIRT

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

2'–8' FLUSH AC MEDIAN W/ CONC. CURB | 10'–12' RAISED GRASS MEDIAN W/ CONC. CURB | 10'–12' FLUSH GRASS MEDIAN | 10'–12' RAISED GRS. MED. W/ CONC. CURB | 0'–12' PAINTED AC MEDIAN

4'–6' AC | 0
24' AC | 12' AC
10' AC

Number of Traffic Lanes

4–12' | 2–12' (L) 1–12' (R) | 2–12'

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

12' T.L. | DECEL. | 12' T.L.

(Right Side)

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)

C. CURB

Protective Devices: Type, Location and Number

WOOD ON CONCRETE | WOOD ON CONCRETE

Illumination: Type, Location and Number

18 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

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

FLAT | ROLLING

Speed: 1–Design, 2–Posted

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

Intersection Control Devices: Type, Location and Cycle Timing

TRAFFIC LIGHT (L) TURN ONLY

Traffic Station

B72 7110 00000 | B72 7110 00011 | B72 7110 00020 | B72 7110 00024 | B72 7110 00032 | B72 7110 00037 | B72 7110 00045

HPMS Section

AADT (Year 2005)

16,427 | 14,622 | 8,616

DOD Sections

Census Tracts

Functional Classification

MINOR ARTERIAL

National Highway System (NHS)

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.

ROAD INVENTORY

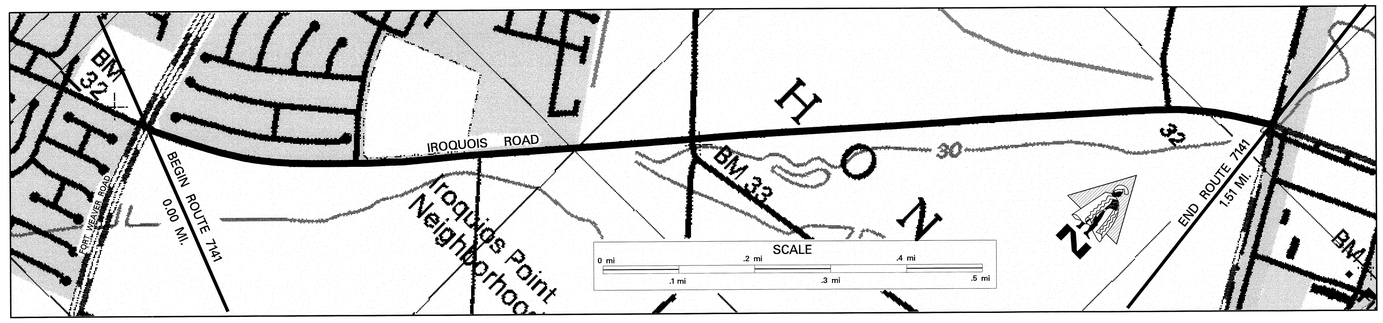
OAHU RTE 7141
IROQUOIS ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 1.51 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

Maintenance Control Sections : Length and Description	BEGIN 7141 A 20' E. OF EAST E.P. OF FORT WEAVER ROAD — 7141 A (1.51 MI.) — END 7141 A ON IROQUOIS RD. AT MILITARY RES. BDRY. W. LOCH.
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80'
Available Right of Way (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	(DANR 3(1), 1943) — 0.04 — 7141 A–01–88M (R) 1988 — 1.49 — (DANR 3(1), 1943)
Project No., Type of Construction, and Year Constructed	

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 7141 0.00 MI. ON IROQUOIS ROAD AT THE EAST E.P. OF FORT WEAVER ROAD (RTE 76)

KEAUNUI DR. (0.28 MI.) — END DIVIDED (0.35 MI.) — LOMBARD WAY (ROAD TO GENTRY DEVELOPMENT) (0.47 MI.) — PRIVATE ROAD (0.72 MI.) — IROQUOIS ROAD — PLANTATION ROAD (1.34 MI.) — WEST LOCH DR. (1.49 MI.)

END ROUTE 7141 ON IROQUOIS ROAD AT THE MILITARY RESERVATION BOUNDARY WEST LOCH. 1.51 MI.

SCALE: (In Miles) 10" = 1 mile

Divided Highway — Undivided	Shoulder: Width and Type	0' — 4' AC
	Pavement: Width and Type	26' AC — 22' AC
	Shoulder: Width and Type	0' — 4' AC
	Median: Width and Type	10' PAINTED AC
	Median Barriers:	0.35
	Shoulder: Width and Type	0'
	Pavement: Width and Type	26' AC
	Shoulder: Width and Type	0'
Number of Traffic Lanes		4–13' — 2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		0.05 12' T.Ls.
(Right Side)		0.88 — 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
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		FLAT
Speed: 1–Design, 2–Posted		0.11 — 25 MPH (2) / NOT POSTED — 35 MPH (2) / 45 MPH (2) — 0.26 — 45 MPH (2) — 1.34 — 35 MPH (2) / NOT POSTED — 25 MPH (2) — 1.40
Intersection Control Devices: Type, Location and Cycle Timing		TRAFFIC LIGHT 0.07 — 1.24
Traffic Station		B72 7141 00000 — B72 7141 00035 — B72 7141 00074 — B72 7141 00118 — B72 7141 00133
HPMS Section		0.18 — 0.44 — 0.76 — 1.18 — 1.39
AADT (Year 2005)		12,263 — 0.35 — 3,974 — 0.74 — 4,102 — 1.51
DOD Sections		DOD 405
Census Tracts		CT 84
Functional Classification		COLLECTOR
National Highway System (NHS)		
Previous Projects: Project No., Date and Limits		

Date Released	
MAY 05, D.B.	
Revised	
6/06	D.B.

ROAD INVENTORY

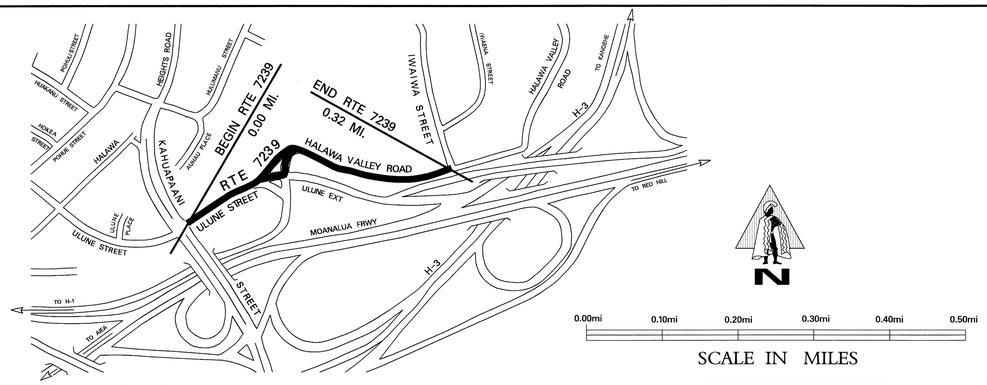
OAHU RTE 7239
ULUNE STREET, HALAWA VALLEY ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	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

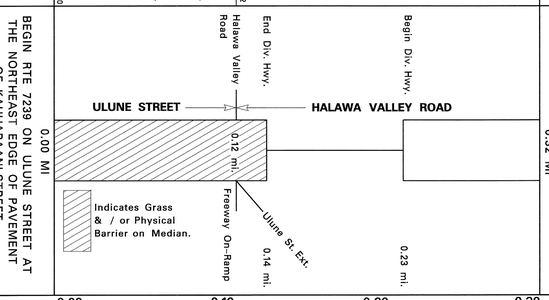
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- County

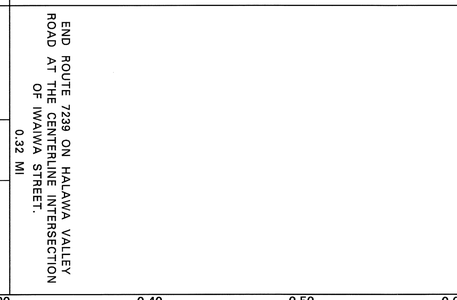
Project No., Type of Construction, and Year Constructed
- 35+65 | 41+80

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

Median:
- Median: Width and Type — 4′ Raised AC w/ Conc. Curb (0.12) | (13′ Raised Conc.) (0.14) | (0.23) 8′ Painted AC

Undivided
- Shoulder: Width and Type — 2′ AC | 0
- Pavement: Width and Type *(Includes Turning Lanes) — 24′ AC * (0.07) | 16′ AC | 12′ AC | 14′ AC (0.28) | 26′ AC *
- Shoulder: Width and Type — 2′ AC | 0 | 0

- Number of Traffic Lanes — 2–13′ (1–13′, 0.07, 1–16′) | 1–13.5′ (1–12′) | 2–14′
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 12′ (L) TL | (0.12) 12.5′ (L) TL | 14′ (L) TL (0.23) 12′ (L) TL
- (Right Side) — 11′ (R) TL (0.07)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left) — (0.17) 6′ Conc. S.W. (0.18); None | 6′ Conc. S.W.
- Curb and/or Gutter: Type (Right and Left) — 1′ Conc. Gutter
- Protective Devices: Type, Location and Number — M/M (0.04) (0.05) 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: — Commercial (L), Freeway (R)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous — Rolling (0.25)
- Speed: 1–Design, 2–Posted — 25 MPH (2) | Not Posted; Not Posted
- Intersection Control Devices: Type, Location and Cycle Timing — (0.00) 3 Phase (0.12) 3 Phase

- Traffic Station — B72 7239 00000 | B72 7239 00012 | B72 7239 00023
- HPMS Section — 0.06 | (0.23) 0.25
- AADT (Year 2005) — 34,919 | (0.12) 16,043 (0.32)
- DOD Sections
- Census Tracts
- Functional Classification — Major Collector
- National Highway System (NHS) — None
- 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.*

ROAD INVENTORY

OAHU RTE 7241

KAHUAPAANI ST., HALAWA HEIGHTS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

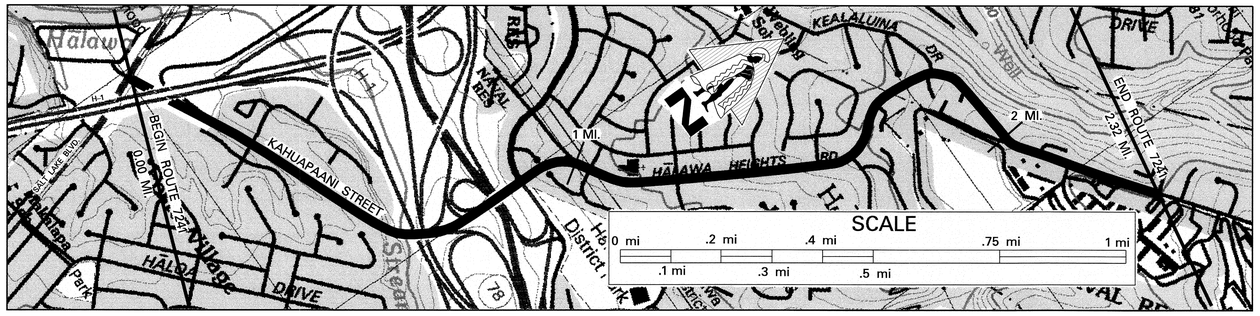
Total Route Length: 2.32 miles

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
- 18' 4"

Horizontal Clearance
- 116'
- 100'
- 26'

Structure and 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

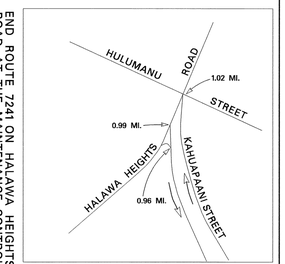
BEGIN ROUTE 7241 0.00 MI. AT THE NORTHEAST EDGE OF PAVEMENT OF SALT LAKE BLVD.

H1 OVERPASS | RAMP TO STADIUM | MANANAI PL. | STRUCTURE #11 | RAMP TO H-201 | RAMPS FROM RTE H-201 | STRUCTURE #10 | ULUNE ST. (L) ULUNE EXT. (R) | HULUMANU ST. END DIVIDED HALAWA HTS. ROAD | IWAINA ST. | ALIIPOE DR. | KAHOLI PL. | HALAWA DR. | KA' AKAU PL. | HALAWA O.P. | KEALALUINA DR. MIKIOI PL. | BEGIN DIVIDED HWY | PU'UMAKANI ST. | END DIVIDED HWY | CAMP SMITH GATE #2 (CLOSED) | CAMP SMITH GATE #3 | FERNRIDGE PL | LUMUS ST. (GATE #3)

ALA ALII ST.

KAHUAPAANI ST. | HALAWA HEIGHTS ROAD

END ROUTE 7241 ON HALAWA HEIGHTS ROAD AT THE MAINT. CONTROL MARKER APPROX. 0.01 MI. PAST CAMP SMITH GATE #3. 2.32 MI.



DETAIL "A"

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' | 6" AC | 3' AC | (0')

Pavement: Width and Type
- 24' AC | 36' AC | 48' AC | 36' AC | 36' CONC. | 36' AC | 24' AC | 1'-4" AC | 36' AC | 24' AC | 1'-4" AC | 22' AC | 24' AC

Shoulder: Width and Type
- NONE | NONE | 2'-6" AC | 12' GRASS | NONE | 3' AC

Divided Highway

Median: Width and Type
- 23' CONC. RAISED | 23' RAISED DIRT | 6' 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 | 1'-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' | 2-18' | 2-12' | 1-11' | 2-11' | 2-12'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)
- 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

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

Speed: 1-Design, 2-Posted
- 35 MPH (2) | (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 Station
- B72 7241 00000 | B72 7241 00027 | B72 7241 00046 | B72 7241 00059 | B72 7241 00068 | B72 7241 00077 | B72 7241 00088 | B72 7241 00102 | B72 7241 00150 | B72 7241 00179 | B72 7241 00197 | B72 7241 00212

HPMS Section
- 0.17 | 0.43 | 0.59 | 0.73 | 0.83 | 0.95 | 1.41 | 1.73 | 1.97 | 2.05 | 2.19

AADT (Year 2005)
- 22,495 | 25,689 | 18,409 | 29,422 | 11,473 | 9,883 | 7,197 | 5,983 | 1,316

DOD Sections
- DOD 455 | DOD 460

Census Tracts

Functional Classification
- MINOR ARTERIAL | COLLECTOR

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
- I-H1-1(96):13, (CONST.), 1982
- I-H1-1(115):13, 1975
- I-H1-1(116):13, 1974
- (I-H1-1(90):13, 1972)
- I-H1-1(87):13, 1972
- 710B-01-75M, (R), 1975
- DANR(1), 1942

SCALE: (In Miles) 4" = 1 mile

Date Released
MAY 05, D.B.

Revised	
5/06	G.N.
3/07	D.B.

ROAD INVENTORY

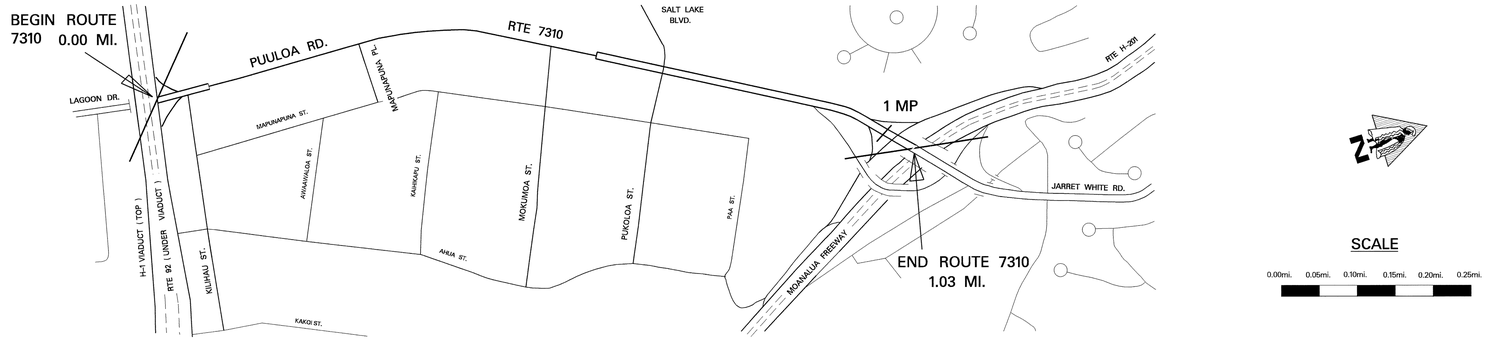
OAHU RTE 7310
PUULOA

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 1.03 MILES (a+b)
a. Existing Length: 1.03 MILES
b. Proposed Length: NONE MILES
Total Travel Way Length: 1.03 MILES (a+b, less c)
a. Existing Length: 1.03 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) 1" = 0.1 mile

Maintenance Control Sections : Length and Description

BEG. 7310A SAME AS BEG. ROUTE 7310A | 7301A (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

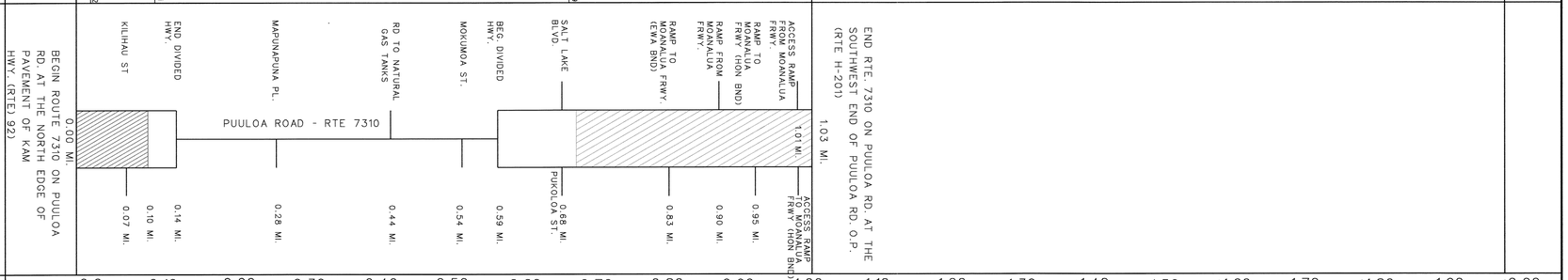
Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 100' | 120' | INDUSTRIAL AREA | RESIDENTIAL AREA
Available Right of Way Width (Needs Study)
Right of Way Fence: Type - Right and Left (CL=CHAIN LINK FP=FROM PAV'T): CL | 15'-20' FP | CL | CL | 15'-20' FP | CL | 15'-20' FP | 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. and Type of Construction: DANR 10-A(1) | SN FAP 9 D(4) | 6600A-01-84M Resurface | 7310A-01-88M
Year Project Constructed: 1944 | 1945 | 1984 | 1988 (R)

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

• MP=Milepost Signage



SCALE: (In Miles) 1" = 0.1 mile

Divided Highway
- Undivided
  - Shoulder: Width and Type: 0' | 4'AC/6' GRV. | 0'-10' AC | 0' | 8' AC
  - Pavement: Width and Type: 24'AC | 24'-12' AC | 24'AC | 12'AC → 12'-24' AC | 24' AC | 36' AC | 24' AC
  - Shoulder: Width and Type: 0' | 4'AC /8' GRAVEL | 0' | (10' RSD AC) | 2' AC
- Median: Width and Type (RSD=RAISED): 10' RSD CONC | 10' RSD SHRUBS & GRASS | 12' PAINT | 6' PAINT | 3' RSD CONC | 3'-10' RSD AC | 10' RSD GRS | 10' RSD AC | 10' RSD GRS | 10' RSD AC | 3' RSD CONC
- Shoulder: Width and Type: 3'AC | 0' | 0' | 3' AC
- Pavement: Width and Type: 24'AC | 24'-12' AC | 12'AC → 24' AC | 48' AC | 24' AC
- Shoulder: Width and Type: 1'AC | 0' | 0' | 1-(24'-12') | 3' AC | 0' | 4' AC

Number of Traffic Lanes: 2-12' | 1-(24'-12') | 2-12' | 1-(12'-24') | 2-12' | 4-12' | 3-12' | 2-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1-12' | 14' | 12' | 10' | 12' | 10' | 12'
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): 4' CONC SW | 4' CONC SW | 4' CONC SW
Curb and/or Gutter: Type (Right and Left): CURB & 2' GUTTER | CURB | CONC. CURB | CONC. CURB | CURB & 2' GUTTER
Protective Devices: Type, Location and Number: CONC. BARRIERS | CONC. BARRIERS | GUARD RAILS | GUARD RAILS
Illumination: Type, Location and Number: MV
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: LARGE URBANIZED
Terrain: 1-Flat, 2-Rolling, 3-Mountainous: ① FLAT | ③ MOUNTAINOUS | ① FLAT
Speed: 1-Design, 2-Posted: NOT POSTED | 35 MPH ② | NOT POSTED | 35 MPH (2) | 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing: TRAFFIC LIGHT | TRAFFIC LIGHT
Traffic Station: B72 7310 00000 | B72 7205 00007 | B72 7205 00010 | B72 7310 00014 | B72 7310 00061 | B72 7310 00068 | B72 7310 00083
HPMS Section
AADT (Year 2005): 27,423 | 19,023 | 23,245 | 37,645

DOD Sections: DOD 465 | DOD 470
Census Tracts
Functional Classification: MINOR ARTERIAL
National Highway System (NHS): 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
JK 6/99
DR 1/00
JK 10/01
DR 8/04
G.N. 5/06

ROAD INVENTORY

OAHU ROUTE 7345

JARRETTE WHITE ROAD

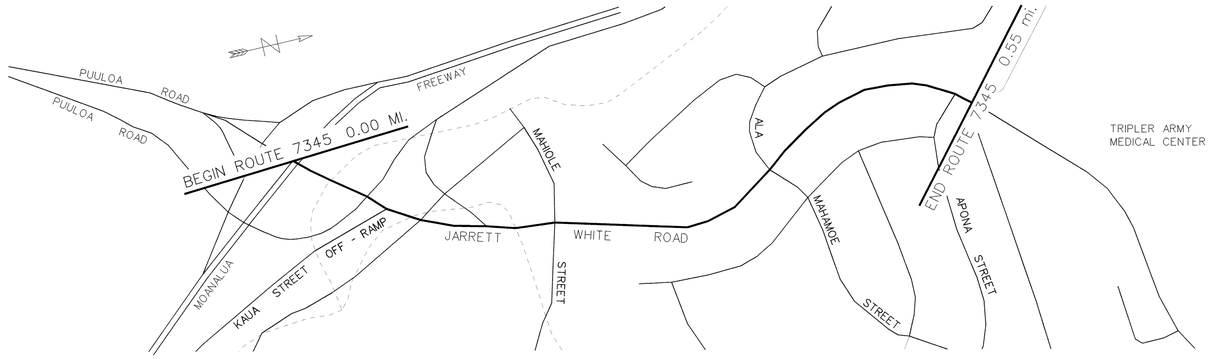
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 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

STATE

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. and Type of Construction

Year Project Constructed

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

- MP-Milepost Signage

BEGIN ROUTE 7345 ON JARRETT WHITE ROAD AT THE SOUTHWEST END OF PUULOA ROAD O.P (RTE H-201). 0.00 MI.

KAJA ST. 0.06 MI. | ON-RAMP MOANALUA FWY. 0.16 MI. | MAHOLE ST. 0.19 MI. | END DIVIDED 0.33 MI. | ALA MAHAMOE ST. 0.38 MI. | APONA STREET 0.54 MI. | 0.55 MI.

JARRETT WHITE ROAD

END ROUTE 7345 ON JARRETT WHITE RD. AT THE GATE TO TRIPLER HOSP.

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

	0.00–0.18	0.18–0.19	0.19–0.33	0.33–0.38	0.38–0.42	0.42–0.55
Shoulder: Width and Type	12' AC		6' AC		5' AC	
Pavement: Width and Type	24' AC			48' AC		36' AC
Shoulder: Width and Type	0			6' AC		CURB
Median: Width and Type	14' (CONC.) RAISED 2' CONC. GUTTER (L) & (R) CONC. CURB (L) & (R)		14' (CONC./AC) RAISED 2' CONC. GUTTER (L) & (R) CONC. CURB (L) & (R)			
Shoulder: Width and Type	0					
Pavement: Width and Type	24' AC					
Shoulder: Width and Type	10' AC		6' AC			

Number of Traffic Lanes: 4 LANES (0.00–0.42) | 3 LANES (0.42–0.55)

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. (L) ONLY (0.00–0.19) | 4' CONC. (L) & (R) (0.19–0.38) | 4' CONC. (R) ONLY (0.38–0.55)

Curb and/or Gutter: Type (Right and Left): 2' CONC. GUTTER (0.19–0.33)

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

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

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing: 2 PHASE (0.38)

Traffic Station

HPMS Section

AADT (Year 2005)

	0.00–0.18	0.18–0.19	0.19–0.33	0.33–0.38	0.38–0.42	0.42–0.55
Traffic Station	B72 7345 00000		B72 7345 00019	B72 7345 00033	B72 7345 00038	B72 7345 00042
HPMS Section						
AADT	25,087		18,879		15,830	

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR

National Highway System (NHS): NHS

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	G.N.

ROAD INVENTORY

OAHU RTE 7350
BOUGAINVILLE DRIVE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

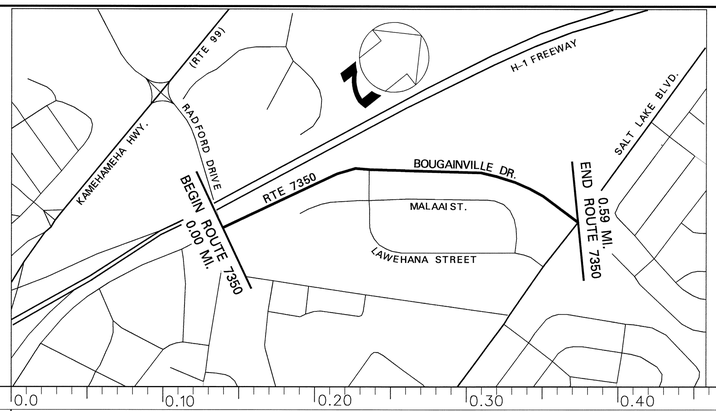
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length: 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

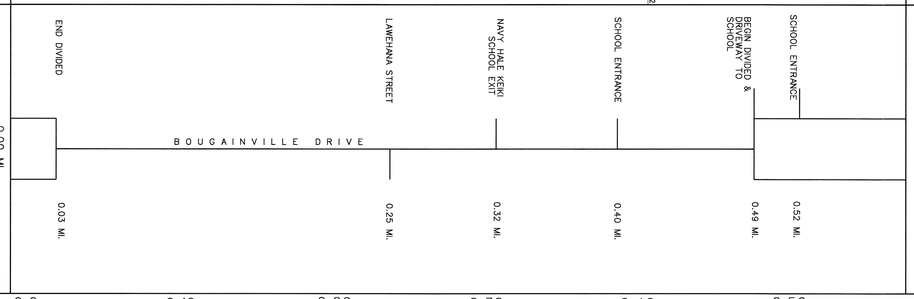
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

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): (0.35) 10' AC T.L.

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

Sidewalk: Width and Type (Right and Left): 4' CONCRETE SIDEWALK / 4' CONCRETE SIDEWALK

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

Protective Devices: Type, Location and Number: 2' CONCRETE GUTTER / 2' CONCRETE GUTTER

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: LARGE URBANIZED

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 Station: B72 7350 00000

HPMS Section: (0.15)

AADT (Year 2005): 14,552 (0.69)

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR

National Highway System (NHS)

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.l.	aug 95
G.N.	5/06

ROAD INVENTORY

OAHU RTE 7351
RADFORD DRIVE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

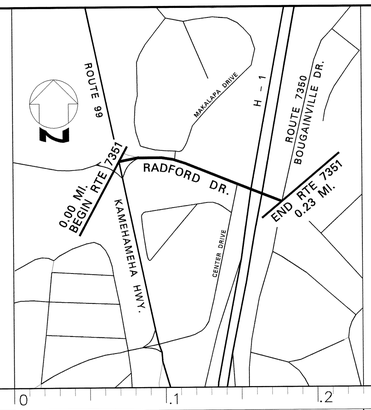
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length: 0.23 MILES (a+b)
- a. Existing Length: 0.23 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 0.23 MILES (a+b, less c)
- a. Existing Length: 0.23 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 2" = 0.1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

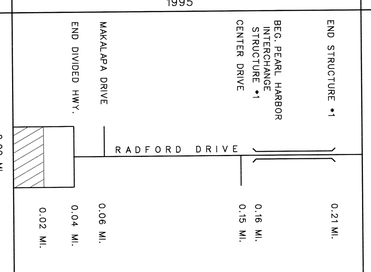
Project No. and Type of Construction: STP-0300(32)

Year Project Constructed: 1995

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

• MP=Milepost Signage



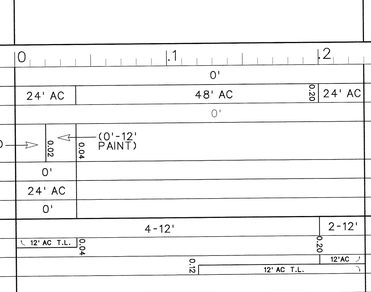
SCALE: (In Miles) 2" = 0.1 mile

Divided Highway

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

Median: Width and Type

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



Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: LARGE URBANIZED

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

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station: B72 7351 00000 | B72 7351 00004 | B72 7351 00020

HPMS Section: 0.04 | 0.09 | 0.21

AADT (Year 2005): 15,247 | 22,425 | 0.23

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR

National Highway System (NHS)

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.

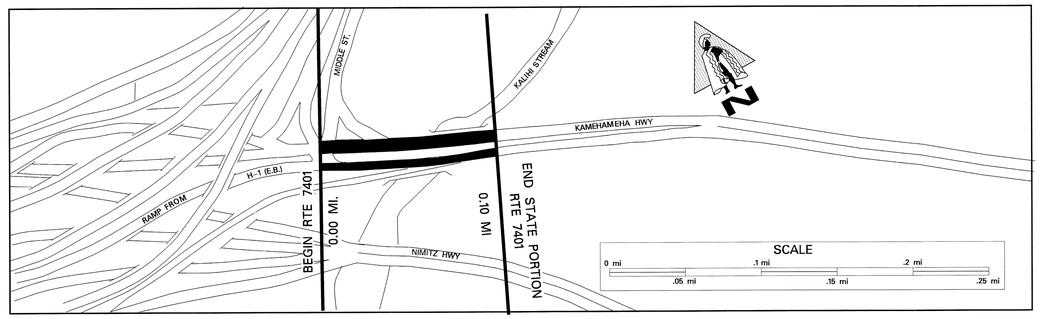
ROAD INVENTORY
OAHU RTE 7401
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 0.10 miles
a. Survey Length: 0.10 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

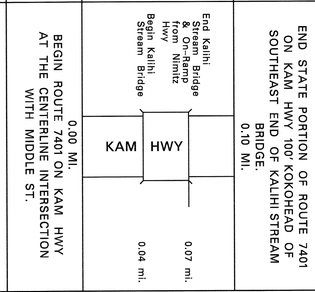
*



	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



	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' (R) T.L.
	(Right Side)	
	Frontage Road: No. of Lanes, and Width (Right and Left)	
	Sidewalk: Width and Type (Right and Left)	6' Conc.
	Curb and/or Gutter: Type (Right and Left)	Conc. Curb Conc. Curb
	Protective Devices: Type, Location and Number	
	Illumination: Type, Location and Number	
	Curves: Degree of Curvature (Right and Left)	
	Superelevation (Range)	
	Grades: % Grade, Positive or Negative	
	Vertical Curve: Crest or Sag, Curve Limits	
	Area and Development:	Urban
	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 Station	B72 7401 00000
	HPMS Section	0.07
	AADT (Year 2005)	0.00 … 44,384 … 0.10
	DOD Sections	
	Census Tracts	
	Functional Classification	Minor Arterial
	National Highway System (NHS)	None
	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.*

ROAD INVENTORY
OAHU RTE 7413
LILIHA STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

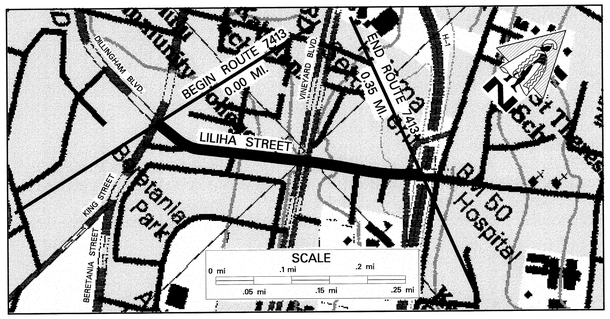
Total Route Length: 0.35 miles

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**

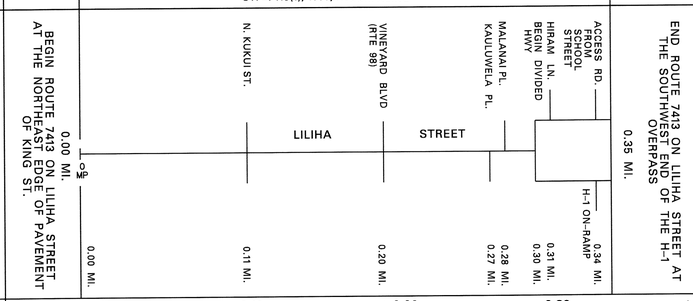
Structure Over Road

- **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 15' FROM EDGE OF PAVEMENT (0.00–0.15)
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	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**
- **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**

	NONE (0)
	40′ AC (0.20) | 54′ AC (0.27) | 60′ AC (0.30) | 32′ AC
	NONE (0)
	0′–10′ PAINTED AC
	0
	34′ AC
	0
Number of Traffic Lanes	2–10′ (L), 2–10′ (R) (0.20) | 1–10′ (L), 1–16′ (L) 1–10′ (R), 1–16′ (R) (0.27) | (R) 1–12′, 1–18′ (L) 1–12′, 1–18′ (0.31) | (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) (0.05) | 10′ TL (L) (0.25) | 10′ TL (0.34)
(Right Side)	1–9′ TL (L) (0.11) | 9′ TL (L) (0.14) | 9′ TL (L) (0.19) | 8′ PARK (0.24–0.27) | 10′ TL (0.31) | 10′ TL (0.34)
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
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT
Speed: 1–Design, 2–Posted	NOT POSTED (0.07) | 25 MPH (2) (0.14) | NOT POSTED 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	(0.30) TRAFFIC LIGHT | TRAFFIC LIGHT (0.34)
Traffic Station	B72 7413 00000 (0.26)
HPMS Section	24,560 (0.35)
AADT (Year 2005)	
DOD Sections	DOD 485 (CT 54) | (0.20) DOD 490 (CT 55)
Census Tracts	CT 53
Functional Classification	MINOR ARTERIAL
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	9700B-01-83M, 1983, (R) (0.20) U-097-1(2), 1967 | F-090-1(2), 1963
HPMS	

SCALE: (In Miles) 20″ = 1 mile

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

Date Released	
MAY 05, D.B.	
Revised	
6/06	*D.B.*

ROAD INVENTORY

OAHU ROUTE 7414 & 74140 (County)
MIDDLE STREET & NOTLEY STREET

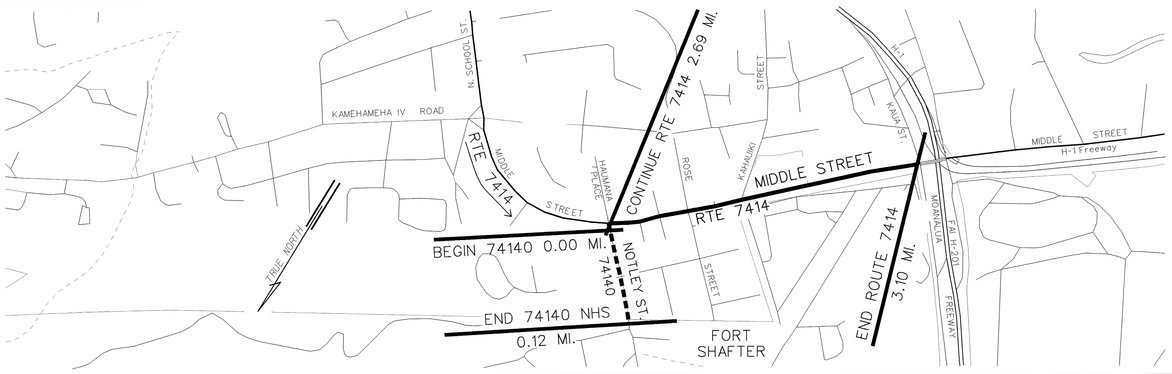
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

	7414	74140	
Total Designated Route Length:	0.41	0.12	MILES (a+b)
a. Existing Length:	0.41	0.12	MILES
b. Proposed Length:	0.00	0.00	MILES
Total Travel Way Length:	0.41	0.12	MILES (a+b, less c)
a. Existing Length:	0.41	0.12	MILES
b. Temporary Length:	0.00	0.00	MILES
c. Length used as T.W. for another Route:	0.00		MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____

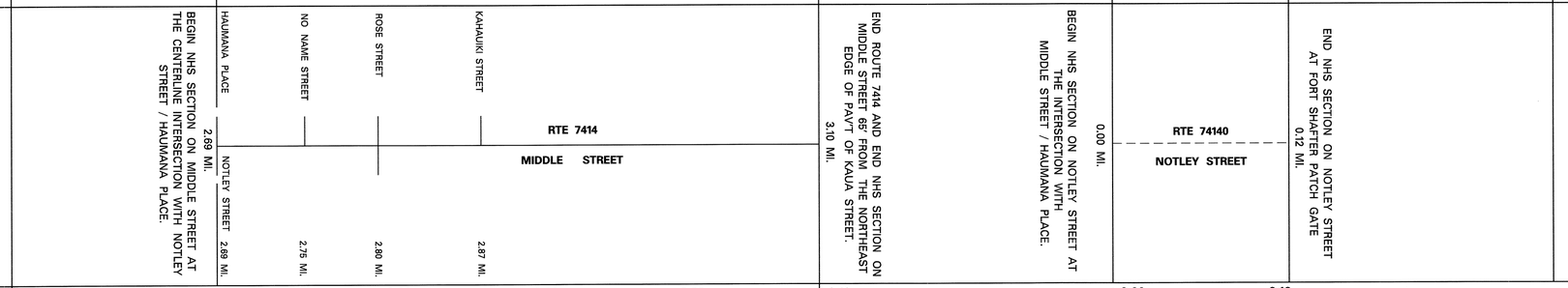


SCALE: (In Miles) 20" = 1 mile

		7414	74140
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			

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 20" = 1 mile

		7414	74140
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	LARGE URBANIZED
Terrain: 1–Flat, 2–Rolling, 3–Mountainous			
Speed: 1–Design, 2–Posted			
Intersection Control Devices: Type, Location and Cycle Timing			
Traffic Station		B72 7414 00244	B72 74140 00000
HPMS Section			
AADT (Year 2005)		19,114	100
DOD Sections			
Census Tracts			
Functional Classification		MINOR ARTERIAL	LOCAL
National Highway System (NHS)		NHS	NHS
Previous Projects: Project No., Date and Limits			

SCALE: (In Miles) 20" = 1 mile

Date Released
Aug 2002, DB
Revised
Sept 02 / *DB*
6/06 / *DB*

ROAD INVENTORY
OAHU RTE 7415
MIDDLE STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

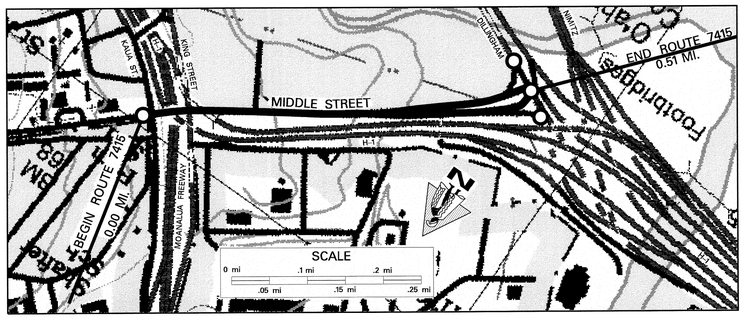
Total Route Length: 0.51 miles

a. Survey Length: 0.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20" = 1 mile

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: 0.00 CL-6' 0.26

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

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

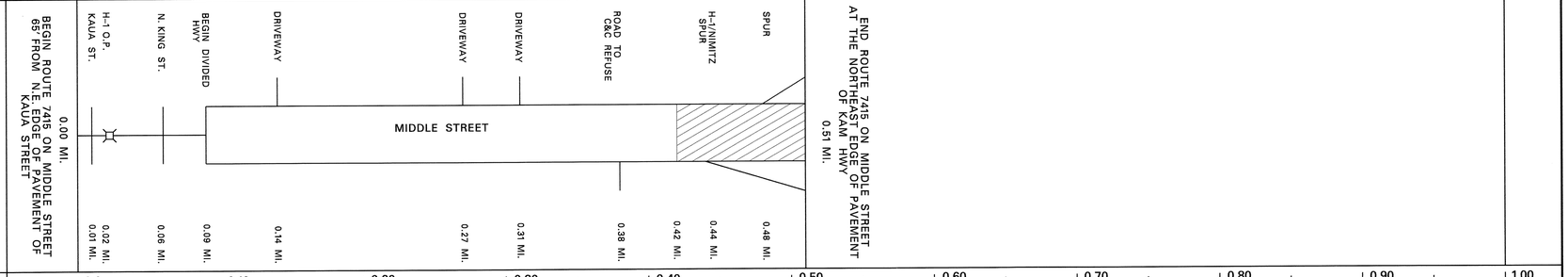
Project No., Type of Construction, and Year Constructed: (I-H1-1(131):17, 1982) 0.10 / 0.11

Project No., Type of Construction, and Year Constructed: H1H–01–97M, (R), 1998

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 20" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 0

Pavement: Width and Type: 48' AC | 24' AC

Shoulder: Width and Type: 0 | 0

Divided Highway

Median: Width and Type: 0–10' PAINTED AC | 10'–60' RAISED GRASS

Median Barriers:

Shoulder: Width and Type: 0.09 | 0.42

Pavement: Width and Type: 0

Shoulder: Width and Type: 24' AC

0

Number of Traffic Lanes: 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.27 1–10' ACCELL; 0.38 1–12' TL 0.47; 0.31 1–12' TL 0.39

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 0.44 10' CONC. SIDEWALK; 0.00 2' CONC. 0.02; 2' CONC. 0.05; 0.17 10' AC BIKEWAY/WALKWAY; 0.26 4' CONC. GUTTER 0.40 2' CONC. GUTTER

Curb and/or Gutter: Type (Right and Left): (2' CONC. C & G); 2' CONC. CURB & GUTTER

Protective Devices: Type, Location and Number: ALL GUARDRAILS METAL ON METAL; 0.02 0.05; 0.42 G.R. BARRIER ON MEDIAN

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: LARGE URBANIZED

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

Speed: 1–Design, 2–Posted: 30 MPH (2) 0.26 35 MPH (2) 0.46 NOT POSTED; NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing: 0.07 TRAFFIC SIGNALS 0.06; TRAFFIC SIGNAL 0.51

Traffic Station: B72 7415 00000 | B72 7415 00042

HPMS Section: 0.31 | 0.42

AADT (Year 2005): 14,456 | 0.51

DOD Sections

Census Tracts: 62.01 0.06 66 60

Functional Classification: MINOR ARTERIAL

National Highway System (NHS): NONE

Previous Projects: Project No., Date and Limits: 0.10 I-H1-1(131):17, 1982; 0.41 I-IR-H1-1(169): 17, 1986

SCALE: (In Miles) 20" = 1 mile

Date Released
MAY 05, DB

Revised	
6/06	DB

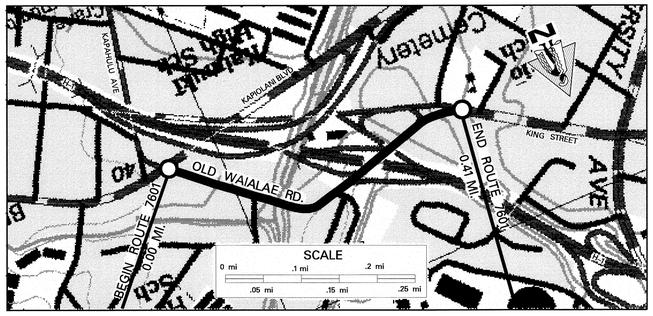
ROAD INVENTORY
OAHU RTE 7601
OLD WAIALAE ROAD, KING STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 0.41 miles
a. Survey Length: 0.41 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

BEGIN 7601A SAME AS BEGIN ROUTE | 7601 A (0.41 MI.) | END 6601A SAME AS END ROUTE

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

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

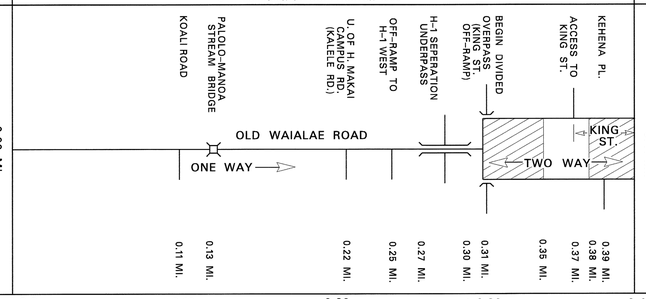
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed
STP-0300(30), (RESURFACING), 1995

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 20" = 1 mile

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

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

Protective Devices: Type, Location and Number

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

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

Speed: 1–Design, 2–Posted
25 MPH (2)

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

Traffic Station

HPMS Section

AADT (Year 2005)
21,559 | 23,329 | (43,807)

DOD Sections

Census Tracts

Functional Classification
OTHER PRINCIPAL ARTERIAL

National Highway System (NHS)

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.*

ROAD INVENTORY

OAHU RTE 8930
NORTH–SOUTH ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

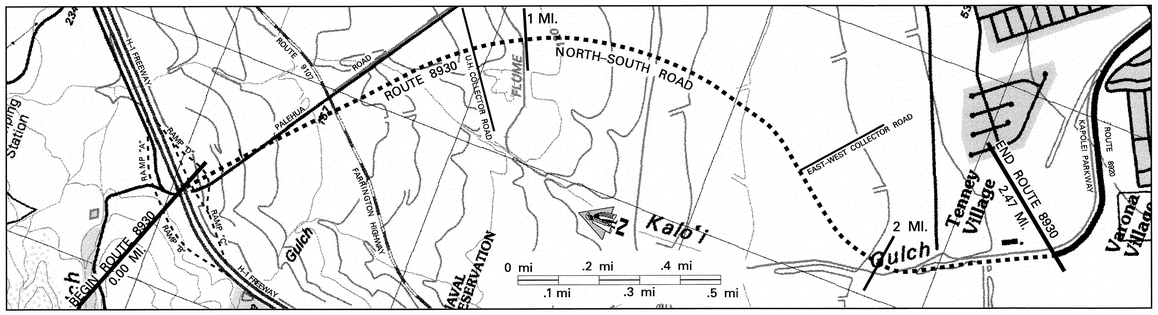
Total Route Length: 2.47 miles

a. **Survey Length:** 0.00 miles

b. **Proposed Length:** 2.47 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**
- **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, PROPOSED (0.42) STP–8930(2) PHASE 1–B, UNDER CONSTRUCTION
- **Project No., Type of Construction, and Year Constructed**

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage

0.00 MI. BEGIN ROUTE 8930 ON NORTH–SOUTH ROAD AT THE CENTERLINE H–1 FREEWAY, STATION 130+55

NORTH BRIDGE O.P. (0.01 MI.) | SOUTH BRIDGE O.P. (0.06 MI.) | RAMP SPURS RAMP "C" (R) RAMP "D" (R) (0.09 MI.) | FARRINGTON HIGHWAY (0.43 MI.) | U.H. COLLECTOR ROAD (0.80 MI.) | PROPOSED NORTH – SOUTH ROAD | EAST–WEST COLECTOR ROAD (1.73 MI.) | ROUTE 8930

END ROUTE 8930 AT CENTERLINE INTERSECTION OF NORTH – SOUTH ROAD AND KAPOLEI PARKWAY STATION 0+00 2.47 MI.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3

Divided Highway

Undivided

- Shoulder: Width and Type
- Pavement: Width and Type: 36' PCC (0.80) 24' PCC
- Shoulder: Width and Type

Divided

- Median: Width and Type: 6'–24' RAISED GRASS
- Median Barriers:
- Shoulder: Width and Type
- Pavement: Width and Type: 36' PCC (0.80) 24' PCC
- Shoulder: Width and Type

- **Number of Traffic Lanes**: 6–12' (0.80) 4–12'
- **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)**
- **Curb and/or Gutter: Type (Right and Left)**
- **Protective Devices: Type, Location and Number**
- **Illumination: Type, Location and Number**
- **Curves: Degree of Curvature (Right and Left)**
- **Grades: % Grade, Positive or Negative**
- **HOV Lanes/Contra–Flow Lanes**
- **Vertical Curve: Crest or Sag, Curve Limits**
- **Area and Development:**
- **Terrain: 1–Flat, 2–Rolling, 3–Mountainous**
- **Speed: 1–Design, 2–Posted**: 35 MPH
- **Intersection Control Devices: Type, Location and Cycle Timing**
- **Traffic Station**
- **HPMS Section**
- **AADT**
- **DOD Sections**
- **Census Tracts**
- **Functional Classification**: PRINCIPAL ARTERIAL
- **National Highway System (NHS)**: NON – NHS
- **Previous Projects: Project No., Date and Limits**

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3

Date Released
Mar. 2007, D.B.
Revised

ROAD INVENTORY

OAHU RTE 8940
FRANKLIN D. ROOSEVELT AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

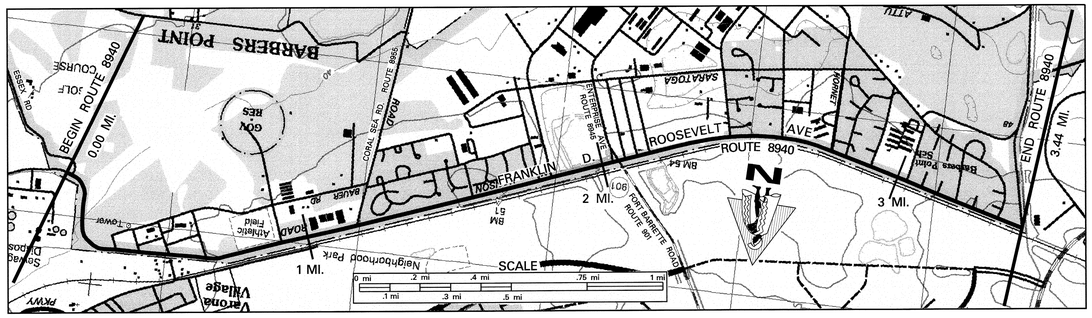
Total Route Length: 3.44 miles

a. **Survey Length:** 3.44 miles

b. **Proposed Length:** 0.00 miles

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

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

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) 0.29 0.37 | CHAIN LINK FENCE 5' FEP 1.18 1.57 | (CHAIN LINK FENCE 30' FEP) 1.79 2.44 | (CHAIN LINK FENCE 10' FEP) 2.59 2.91 | (CHAIN LINK FENCE 50' FEP) 3.02

CHAIN LINK FENCE 50' FROM EDGE OF PAVEMENT | CHAIN LINK FENCE 10' FROM EDGE OF PAVEMENT

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

1–NONE

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

STATE

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 8940 ON FRANKLIN D. ROOSEVELT AVENUE AT GEIGER ROAD/FBPNAS GATE. 0.00 MI.

ESSEX ROAD END DIVIDED 0.03 MI. 0.01 MI.
TICONDEROGA RD. 0.44 MI.
KAHOOLAWE ROAD 0.55 MI. 0.53 MI.
KASAAN BAY RD. 0.66 MI.
CORREGIDOR RD. 0.91 MI.
SPUR CORAL SEA ROAD SPUR (ROUTE 8995) 1.20 MI. 1.18 MI. 1.16 MI.
BOGANVILLE RD. 1.57 MI.
END DIV. HWY. MIDWAY ROAD NASSAU AVE 1.86 MI. 1.84 MI. 1.83 MI. 1.79 MI.
CULVERT 1.95 MI.
RAMP (ROUTE 8845) ENTERPRISE AVE (L) 2.03 MI.
FORT BARRETTE RD. (R) 2.06 MI.
BATAAN AVE 2.12 MI.
TINIAN AVE 2.16 MI.
LEXINGTON ST. 2.43 MI.
VALLEY FORGE AVE 2.52 MI.
ROAD FRANKLIN AVE 2.63 MI. 2.60 MI.
HORNET AVE ROAD 2.70 MI.
FORRESTAL AVE ROAD 2.82 MI. 2.77 MI.
TULAGI ST. 2.91 MI.
COPAHEE AVE 3.03 MI.
ROAD 3.27 MI.
ROAD 3.21 MI.
CORAL ROAD 3.43 MI. 3.36 MI.

FRANKLIN D. ROOSEVELT AVENUE

END ROUTE 8940 ON FRANKLIN D. ROOSEVELT AVENUE AT WEST PERIMETER FENCE BDRY. 3.44 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

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

(3' GRS.)
1'6" CORAL 0.06 | 6' GRASS 0.33 | 1'6" CORAL 0.44 | 15' GRASS 0.66 | 15' CORAL 1.02 | 14' GRASS 1.57 | 1.60 | 15' GRASS 1.88 | 5' GRASS 2.08 | 0 2.12 | 2' GRASS 2.45 | 0 2.82 | 1'6" GRASS 3.03 | 6' GRASS

(1–14') 28' AC 1.14 | 20' AC 1.22 | 28' AC 1.75 | 24' AC (12' 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 1.79 | (12' GRASS) 0 | 4' GRASS 2.10 | 15' CORAL 2.40 | 5' GRASS

(10' RAISED GRASS) 0.01 | (12' GRASS) 1.84 | (0'–12' PAINT) 1.85 | 0

(0) | (1–14') | (12' GRASS) | (12' AC) | 0

(10' GRASS)

Number of Traffic Lanes

2–14' | (2–10') 1.14 1.17 1.22 | 2–14' 1.75 | 2–12' 2.06 | 2–15' 2.20 | 2–13' 2.40 | 2.53 | 2–15'

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

0.00 0.01 | 10' T.L. | 12' T.L. 1.85 1.84 2.04 2.06

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

1.57 1.60 (3' CONC) | 3' CONC 2.06 | 3' CONC 3.38

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

CURB 0.51 | CURB 0.55 0.60 0.63 | 2.01 2.12 (AC CURBS) | 2.46 2.52 2.56 2.63 CURB 2.77 | (CURB) (CURB & GUTTER)

Protective Devices: Type, Location and Number

M/M 1.97 2.03 2.09 2.07

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:

URBAN

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

1–FLAT

Speed: 1–Design, 2–Posted

0.19 | (25 MPH (2)) (NOT POSTED) | 25 MPH (2) 0.47 | 35 MPH (2) | 2.00 | (25 MPH (2)) 2.14 | 35 MPH (2) | 2.76 | 35 MPH (2) | 3.03 | (20 MPH (2)) | 15 MPH (2) | NOT POSTED | 15 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

0.05 | 2.05 2.07 STOP SIGNS | 2.78 2.92

Traffic Station

HPMS Section

AADT

DOD Sections

Census Tracts

Functional Classification

(MINOR ARTERIAL – PROPOSED) 2.06 | (MAJOR COLLECTOR – PROPOSED) 3.34 | (LOCAL ROAD – PROPOSED)

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Nov. 2006, D.B.
Revised

ROAD INVENTORY
OAHU RTE 8945
ENTERPRISE AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

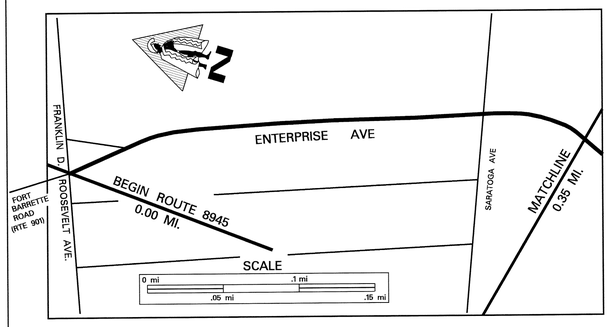
Total Route Length: 0.98 miles

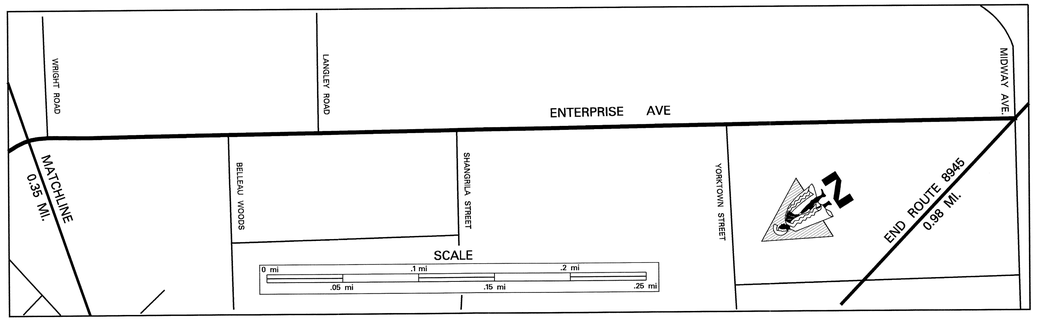
a. Survey Length: 0.98 miles

b. Proposed Length: 0.00 miles

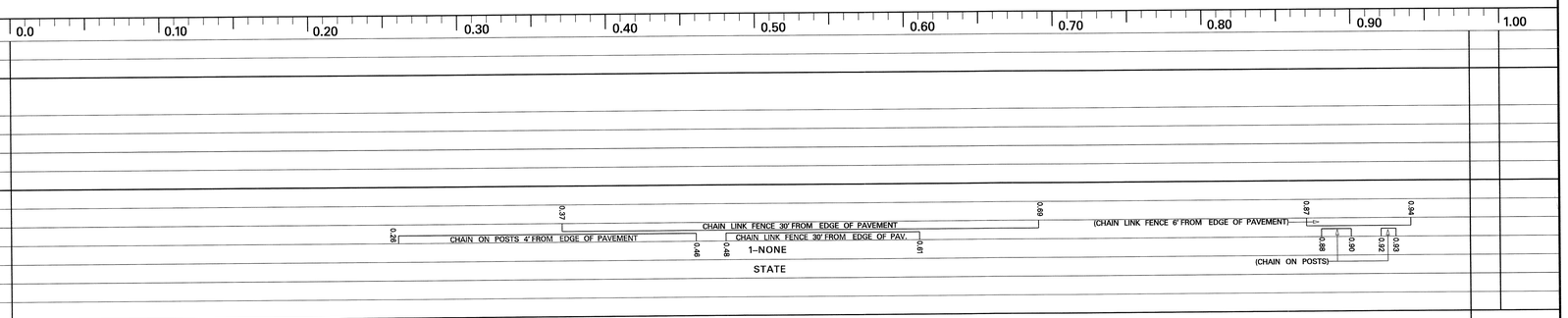
c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 20" = 1 mile



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

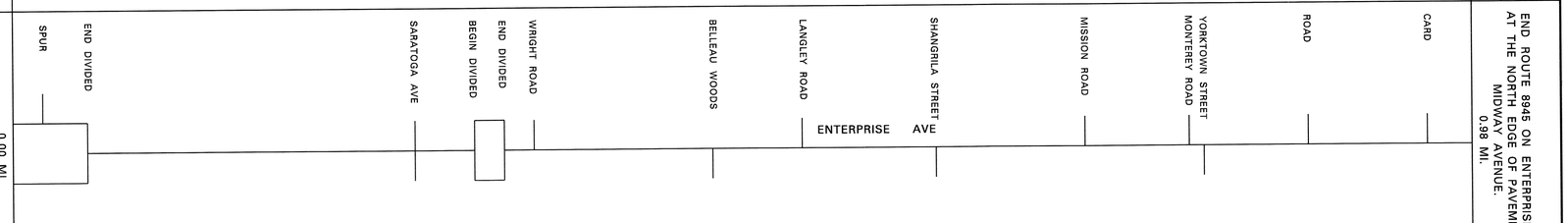
Right of Way Width (min.–max.) if varies

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

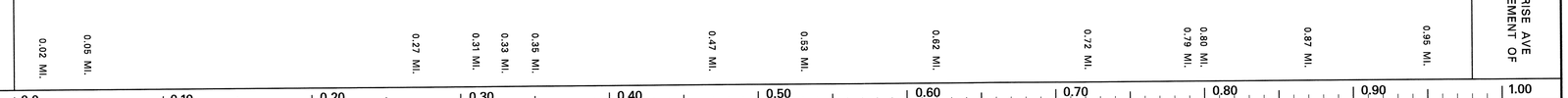
Project No., Type of Construction, and Year Constructed

Indicates Grass & / or Physical Barrier on Median.

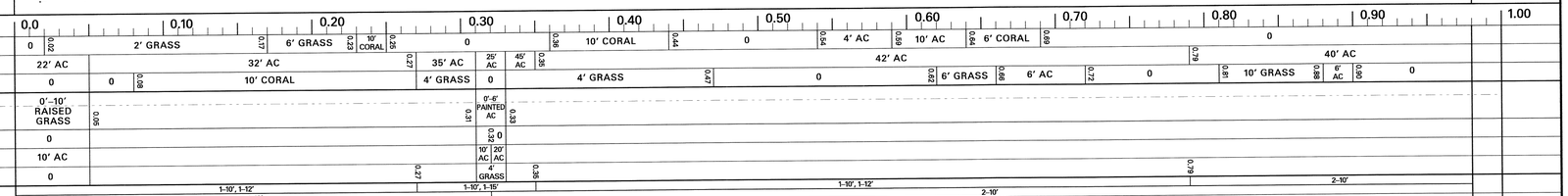
Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 20" = 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

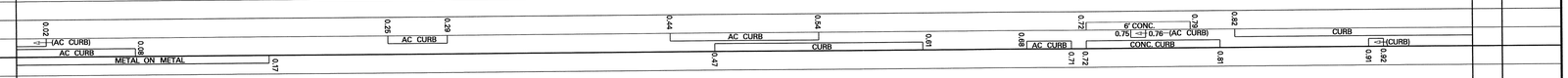
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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



Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

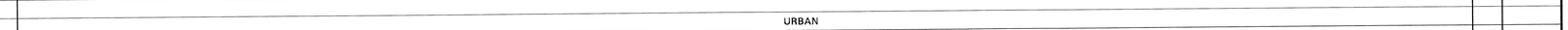
Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

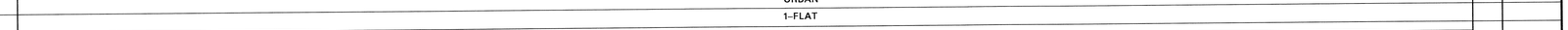
HOV Lanes/Contra–Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

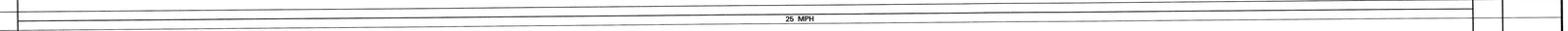
Area and Development:



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



Speed: 1–Design, 2–Posted



Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

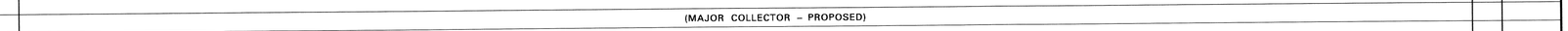
HPMS Section

AADT

DOD Sections

Census Tracts

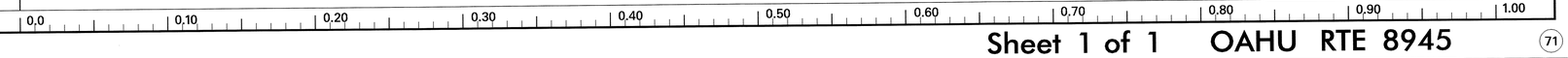
Functional Classification



National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 20" = 1 mile



Date Released
Dec. 2006, D.B.
Revised

ROAD INVENTORY

OAHU RTE 8955
CORAL SEA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

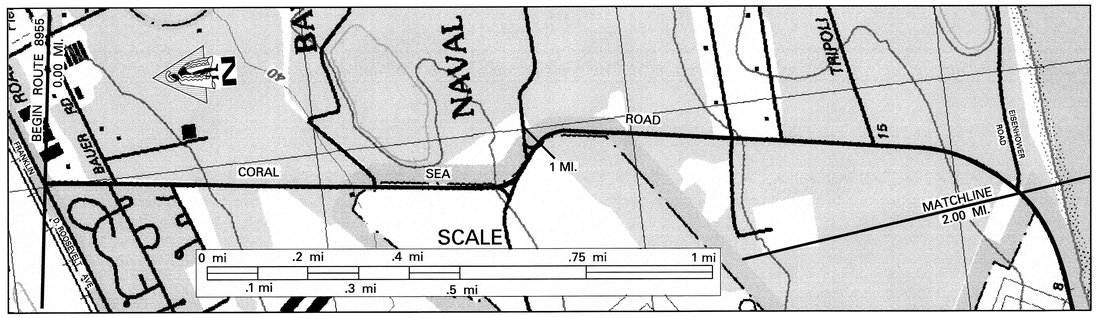
Total Route Length: 2.69 miles

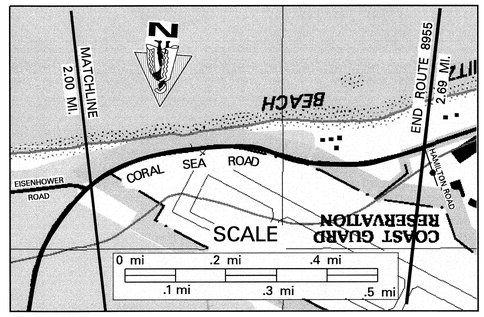
a. **Survey Length:** 2.69 miles

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

(CHAIN LINK FENCE 6' FROM E.P.) 0.24 0.25
(CHAIN LINK FENCE 20' FROM E.P.) 0.69 0.61 0.70 1.15
(CHAIN LINK FENCE 30' FROM E.P.) 1.38 1.50
(CHAIN LINK FENCE 10'–30' FROM E.P.) 2.04 2.61
(CHAIN ON POSTS 6' FROM E.P.) 2.46 2.51
(CHAIN ON POSTS 3' FROM E.P.)
(CHAIN LINK FENCE 3' FROM E.P.) 2.61 2.64

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 AT SOUTH EDGE OF PAVEMENT OF FRANKLIN D. ROOSEVELT AVENUE. 0.00 MI.

SPUR 0.02 mi.
BOUGAINVILLE AVE 0.12 mi.
INDEPENDENCE ROAD 0.24 mi.
SAN JUACINTO ROAD 0.97 mi.
TAKANIS BAY RD. 1.16 mi.
CORAL SEA ROAD
TRIPOLI ROAD 1.68 mi.
EISENHOWER RD. 1.99 mi.
PARK ENTRANCE 2.44 mi.
ROAD 2.63 mi.

END ROUTE 8955 ON CORAL SEA ROAD AT CENTERLINE OF BARBERS POINT AIR STATION GATE (U.S. COAST GUARD ENTRANCE) 2.69 MI.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3

Divided Highway

Undivided

Shoulder: Width and Type

10' CORAL 0.42 | 6' CORAL 2.07 | 10' CORAL 2.37 | 6' CORAL 2.46 | 6' GRASS 2.61 | 3' GRASS

Pavement: Width and Type

28' AC 0.48 | 20' AC

Shoulder: Width and Type

6' GRASS 0.27 | 6' CORAL 0.70 | 10' CORAL 1.15 | 6' CORAL 1.48 | 6' GRASS 2.15 | 10' GRASS 2.34 | 6' GRASS 2.48 | 10' CORAL 2.64 | 3' GRS.

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: URBAN

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 Station

HPMS Section

AADT

DOD Sections

Census Tracts

Functional Classification (MAJOR COLLECTOR – PROPOSED)

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3

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Revised