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 2024

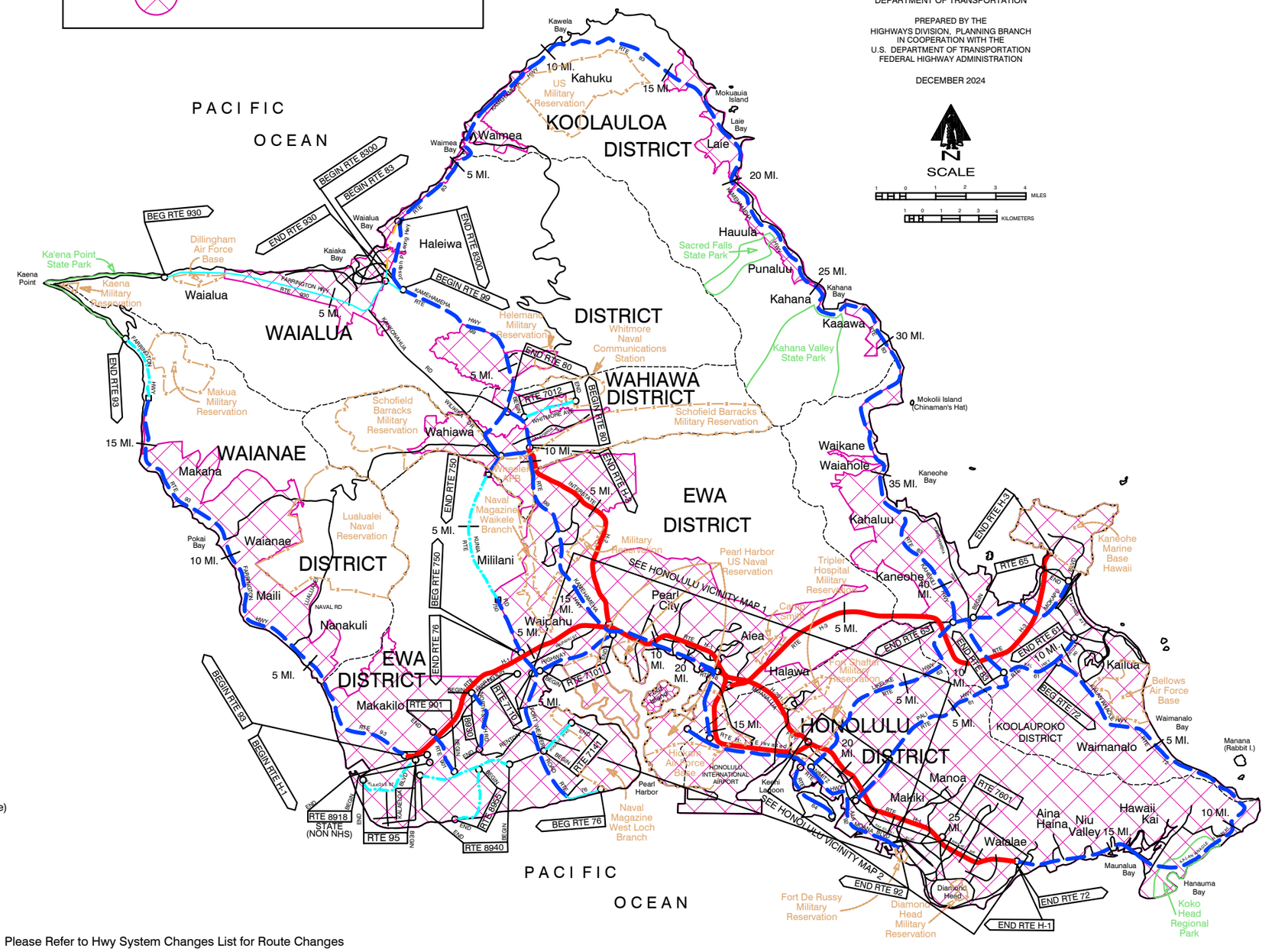
OAHU:

	ROUTE	LENGTH (MILES)	
*	H-1	27.149	(Queen Lili'uokalani Freeway, Lunalilo Freeway)
*	H-2	8.319	(Veterans Memorial Freeway)
*	H-3	15.316	(John A. Burns Freeway)
*	H-201	4.075	(Moanalua Freeway)
SUBTOTAL		54.859	(Interstate)
	61	10.586	(Pali Hwy., Kalanianaole Hwy., Kailua Rd.)
	63	8.299	(Kalihi St., Likelike Hwy.)
	64	2.605	(Sand Island Pkwy. and Access Rd.)
	65	4.148	(Kaneohe Bay Dr., Mokapu Saddle Rd., Mokapu Blvd.)
*	72	18.423	(Kalanianaole Hwy.)
	76	6.617	(Fort Weaver Road, Kunia Rd.)
	78	0.739	(Moanalua Freeway)
*	80	1.890	(Kamehameha Highway)
*	83	43.904	(Kam. Hwy., Kahekili Hwy., Likelike Hwy.)
*	92	9.279	(Kam-Nimitz Hwy., Nimitz Hwy., Ala Moana Blvd.)
*	93	19.524	(Farrington Hwy.)
	95	2.70	(Kalaeloa Blvd., Malakole St.)
*	98	1.758	(Vineyard Blvd.)
*	99	23.842	(Kam. Hwy., Kamananui Rd., Wilikina Dr., Farrington Hwy.)
	750	8.046	(Kunia Road)
	901	1.383	(Fort Barrette Road, Makakilo Dr.)
	930	7.931	(Farrington Hwy., Kaukonahua Rd.)
	7012	1.860	(Whitmore Ave.)
	7101	2.990	(Farrington Hwy.)
	7110	0.60	(Farrington Hwy.)
	7141	1.496	(Iroquois Rd.)
	7239	0.329	(Ulune St., Halawa Valley Rd.)
*	7241	2.324	(Kahuapaani St., Halawa Hts. Rd.)
	7310	1.030	(Puuloa Rd.)
	7345	0.551	(Jarrett White Rd.)
	7350	0.586	(Bougainville Dr.)
	7351	0.230	(Radford Dr.)
	7401	0.106	(Kam Hwy.)
	7413	0.343	(Liliha St.)
	7415	0.517	(Middle St.)
	7601	0.419	(Old Waialae Rd.)
	8300	0.375	(Kamehameha Highway) (RTE TOTAL 1.969)
	8918	0.116	(Wakea Street)
	8930	2.461	(Kualakai Parkway)
	8940	3.320	(Franklin D. Roosevelt Ave.)
	8955	2.689	(Coral Sea Rd.)
SUBTOTAL		194.016	(State Routes only)
TOTAL		248.875	(State & Interstate)
	6001	0.164	(Kailua Rd. - NHS Section of County Route)
	7402	5.196	(King St. - NHS Section of County Route)
	7414	0.664	(N School St., Middle St. - NHS Section of County Route)
	7502	3.299	(Beretania St. - NHS Section of County Route)
	7503	3.112	(Kapiolani Blvd. - NHS Section of County Route)
	7504	0.395	(Alakea St. - NHS Section of County Route)
	7505	0.597	(Pali Hwy., Bishop St. - NHS Section of County Route)
	7511	0.942	(Ward Ave. - NHS Section of County Route)
	7512	0.865	(Pensacola St., Waimanu St. - NHS Section of County Route)
	7516	0.553	(Punchbowl St. - NHS Section of County Route)
	7526	0.600	(Lunalilo St. - NHS Section of County Route)
	7614	0.457	(Punahou St. - NHS Section of County Route)
	7615	0.488	(University Ave. - NHS Section of County Route)
	7801	0.412	(Waialae Ave. - NHS Section of County Route)
	74140	0.120	(Notley St. - NHS Local Rd.)
SUBTOTAL		17.864	(County NHS)

Date Released Dec 2002, JK	
Revised	
Apr. 04	D.B.
Mar. 07	D.B.
Feb. 09	D.B.
Aug. 10	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Jan. 16	C.R.
Dec. 16	C.R.
Feb. 18	D.B.
Feb. 21	D.B.

LEGEND

- INTERSTATE
- STATE (NHS)
- STATE (Non-NHS)
- COUNTY (NHS)
- COUNTY (NON-NHS)
- PROPOSED
- Route Termini Point
- NHS to non-NHS Transition Point
- URBAN AREAS



* Please Refer to Hwy System Changes List for Route Changes

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

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STATE ROUTE SYSTEM

HONOLULU VICINITY
ISLAND OF OAHU

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

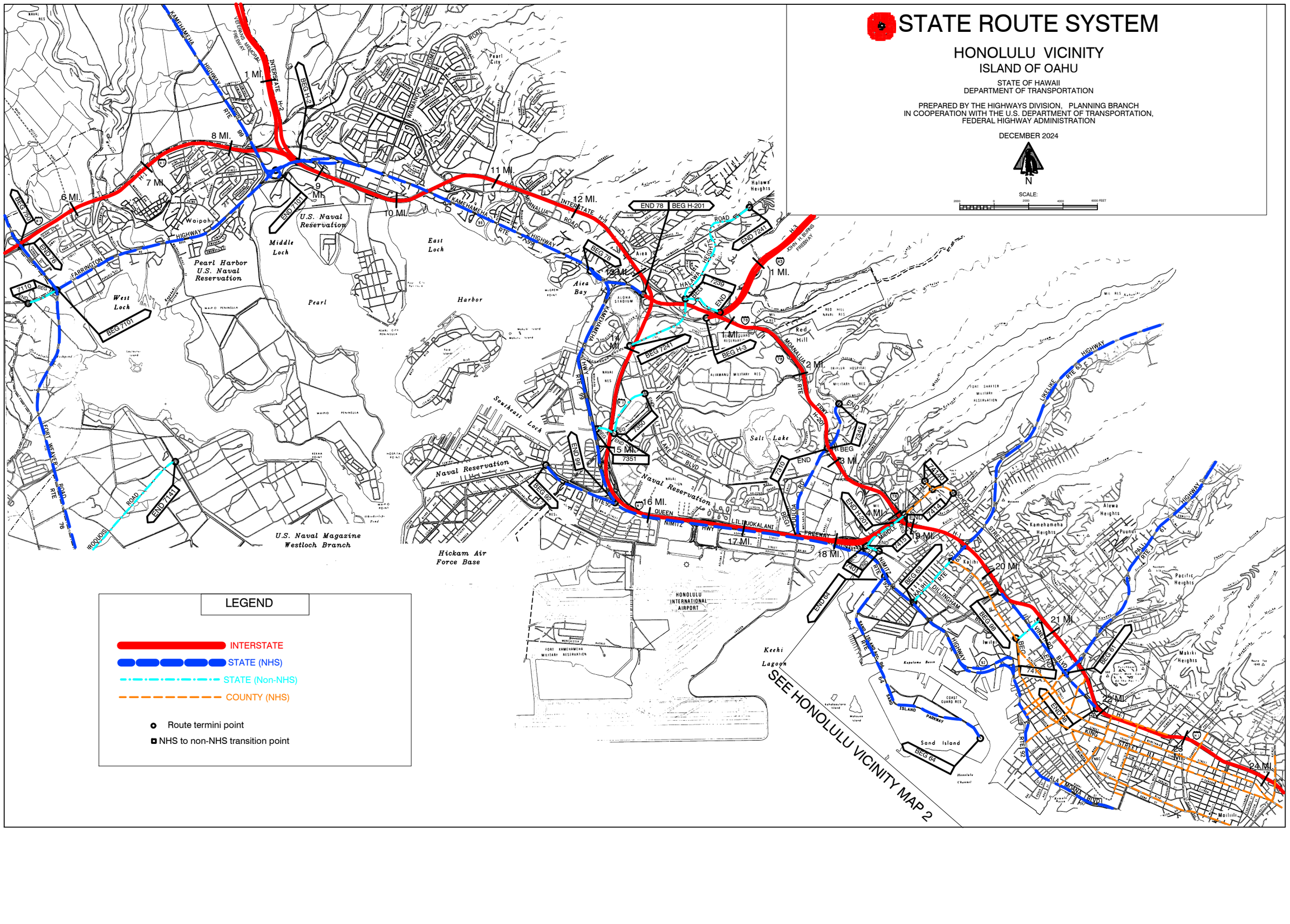
PREPARED BY THE HIGHWAYS DIVISION, PLANNING BRANCH
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FEDERAL HIGHWAY ADMINISTRATION

DECEMBER 2024

N

SCALE:

2000 0 2000 4000 6000 FEET



LEGEND

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

Date Released Dec 2002, JK	
Revised	
Apr. 04	D.B.
Dec. 05	D.B.
Aug. 10	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Dec. 16	D.B.
Feb. 18	D.B.
Feb. 25	E.P.J.

2

STATE ROUTE SYSTEM

HONOLULU VICINITY
ISLAND OF OAHU

STATE OF HAWAII
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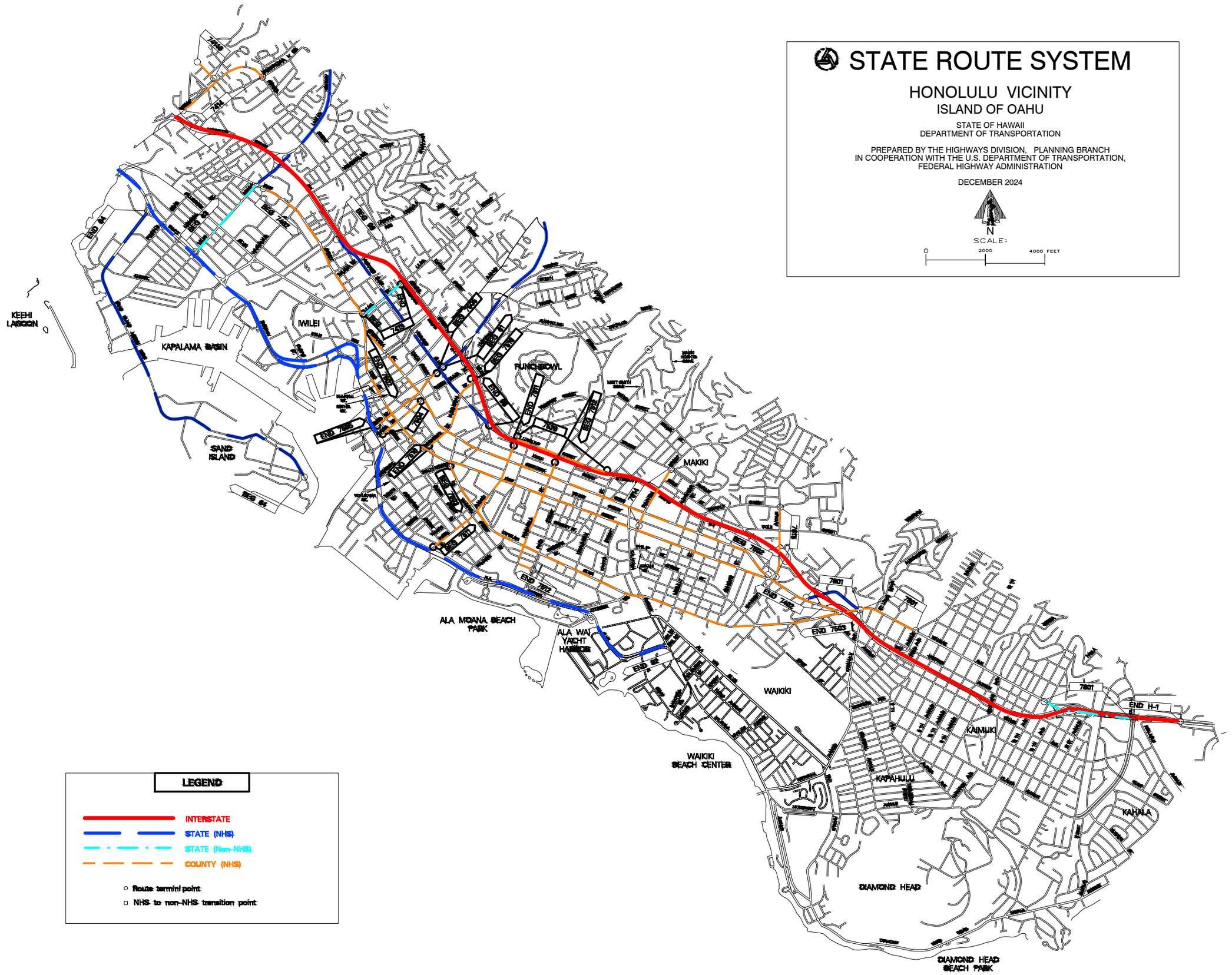
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DECEMBER 2024

N

SCALE:

0 2000 4000 FEET



LEGEND

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

○ route termini point
□ NHS to non-NHS transition point

Date Released Oct 2013, EPJ	
Revised	
Feb. 18	D.B.

③

ROAD INVENTORY

OAHU RTE H-1
QUEEN LILI'UOKALANI FREEWAY

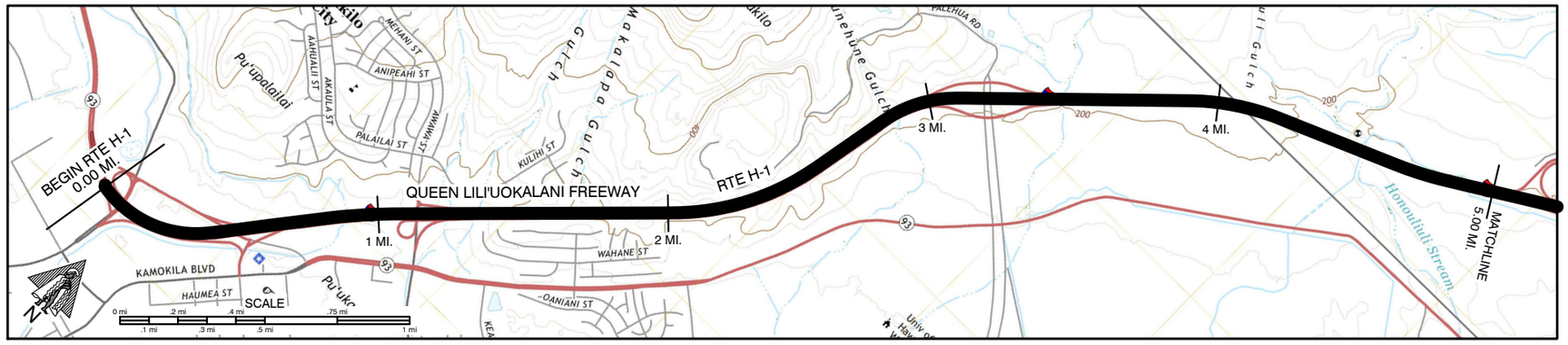
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
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FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 27.149 MILES (a+b)
- a. Existing Length: 27.149 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 27.149 MILES (a+b, less c)
- a. Existing Length: 27.149 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 | 3.18)
- Culvert, HS-20 1966 27' (3.45)
- P/CB, HS-20-44 1966/87 137' (4.51)

Vertical Clearance
- 99'
- 52' O.B. 52' I.B.
- 99'
- 52' O.B. 52' I.B.

Structure Over Roadway

Vertical Clearance
- 18'
- 17' 07'
- 18'

Horizontal Clearance
- 41'
- 53'
- 58'

Right of Way Width (min.-max.) if varies
- 220' (0.40)
- 80' (0.51)
- 180'-270' (1.29)
- 250'-350' (2.00)
- 190'-280'

Available Right of Way Width (Needs Study)
- 1000' Bushes

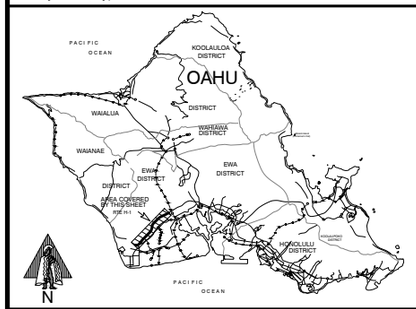
Right of Way Fence: Type - Right and Left
- Chain Link Fence / Chain Link Fence (0.09)
- Chain Link Fence / Chain Link Fence (1.00)
- Chain Link Fence 50'-100' from E.P. / Chain Link Fence 50'-100' from E.P. (1.29)

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

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

Project No., Type of Construction, and Year Constructed (93A-01-06M, Preventive Maintenance, 2024)
- IM-NH-H1(239), 2004 RECONSTRUCTION (0.00 | 0.44 | 1.08)
- (H1A-01-02M, 2004 Rehab) (1.18 | 4.79)
- IM-H1-1(219) 2000 (4.79)

Project No., Type of Construction, and Year Constructed (93A-01-06M, 2012, PREVENTIVE MAINTENANCE)
- 0.10 | 1.71
- IM-H1(259) Access Control, 2018 to MPM 8.29



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

QUEEN LILI'UOKALANI FREEWAY — RTE H-1

- Off-Ramp to Kapolei Kalaeloa Blvd. O.P. (0.093 mi.)
- Off-Ramp to Diarbond Point Exit 1 (0.246 mi.)
- Farr. Hwy.O.P. On-Ramp from Diarbond Point (0.417 mi.)
- On-Ramp from Wakea St. Off-Ramp to Frontage Rd. (0.484 mi.)
- On-Ramp from Makakilo (0.587 mi.)
- Makakilo Dr. O.P. (RTE 901) (0.675 mi.)
- Off-Ramp to Makakilo Culvert Exit 2 (0.944 mi.)
- On-Ramp from Fort Barrette Road (1.119 mi.)
- On-Ramp from Makakilo (1.245 mi.)
- Off-Ramp to Kualakai Pkwy. (1.304 mi.)
- On-Ramp from Kualakai Pkwy. (L) (1.449 mi.)
- Culvert (2.718 mi.)
- Off-Ramp to Kualakai Pkwy. Exit 3) (R) On-Ramp from Kualakai Pkwy. (L) (2.900 mi. (R) 2.884 mi. (L))
- 3.024 mi. 3 MPM
- N.S. Road Sep. Palehua Sep. U.P. (3.020 mi.)
- (End) 3.214 mi. (Beg) 3.171 mi. 3.150 mi.
- Culvert Telem. Sta. C10K
- Off-Ramp to Kualakai Pkwy. 3.557 mi. Exit 3
- On-Ramp from Kualakai Pkwy. 3.527 mi.
- 3.443 mi. 3.434 mi.
- 4 MPM
- 4.028 mi.
- Honoulili Stream Br. (4.505 mi.)
- On-Ramp from Kunia (4.986 mi.)
- 2.009 mi. 5 MPM
- 5 MPM
- CONT. ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

Divided Highway Undivided

- Shoulder: Width and Type — 6'-10' AC (3.96) | 6'-10' AC/ 6' PCC
- Pavement: Width and Type — 24' AC (0.10) | 36' PCC | 8'-12' AC
- Shoulder: Width and Type — 4'-6' AC (0.43)
- Median: Width and Type — 14'-18' Grs. (R) (0.74) | 16'-20' Sloped Grass (R) (0.98) | 16' GRASS (2.16) | 20' GRASS | 16'-20' GRASS (4.09) | 20' GRASS
- Median Barrier — LEGEND: Concrete Barrier ——— Zipper Barrier — — — M.M Guard Rails ———
  - (0.10) .074 | .458 — .488 | .085 — .126 | .110 — .267 | .461 — .541
- Shoulder: Width and Type — 2'-4' AC
- Pavement: Width and Type — 24' AC | 24' PCC (0.417) | 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 (4.36) | 0'-4' PCC/ 4' AC (4.59) | 8'-10 AC

Number of Traffic Lanes
- 2-12' | 3-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A-Accel D-Decel T-Taper M-Merge
- 2-12' (0.417) M .100 .246 A .288 (1-A) .587 .944 (2 - 15' DECEL) .326 .384 1 - 15' DECEL .738
- 3-12' .755 1-A .884 .557 A .597 (1-D) .799 1-12' .989 Accel.

(Right Side) A-Accel D-Decel T-Taper M-Merge
- (1-D) .093 .093 .675 A .866 .245 1 - 15' ACCEL .420 .449 1 - 15' ACCEL .620 .782 1-D .900 .527 1-A .667

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)
- .326 6" GUTTER .722
- .384 .449 6" GUTTER .584 .631 .861
- (4' GUTTER) .557 .597
- .797 6' GUTTER

Protective Devices: Type, Location and Number — LEGEND: 1=concrete barrier 2=concrete wall, 3=metal w/ metal rail
- .021 2 .151 .282 3 .505 .587 1 .944 .999 3 .045 .108 3 .289 1 .384 .449 6" GUTTER .584 .618 3 .792 .831 .861 .942 3 .134 .249 3 .313 .320 .375 3 .407 .441 .487 3 .559 .862 3 .884 .906 3 .150 .156 1 3 .213 .304 .427 3 .449 .459 (3) .493 1 1 3 .590 .472 3 1 1 .557 .694 3 .900 .000 3 .150 1 1 3 .351 .420 3 .469 .503 .538 .989
- .075 (Crash Barrier) .443 3 .633 3 .813 3 .103 1 .245 3 1 3 .380 .553 3 .792 3 .948 3 .505 .515 .578 .667 55 MPH (MIN 45) (2) .778 55 MPH (2)

Illumination: Type, Location and Number
- LED .309 .334 .519 .564 .675 .681 LED .192 .304 .325 .821 .887 .214 .505 .541 LED

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

Zipper Lane/Express Lane

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- B | .225 C .345 A .662 C .729 B .355 A .628 B

HOV Lanes/Contra-Flow Lanes

Area and Development:
- Urbanized-Large (39889)

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

Speed: 1-Design, 2-Posted
- (Not Posted) 0.10 — 55 MPH (2)
- 60 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
- B72 0000 0H1-1
- P72 0000 0C10K
- (B72 0000 0H1-5)

HPMS Sections - AADT 2023
- 45,708
- 88,800
- (100,000)

HPMS Sections - AADT 2022
- 45,800
- 88,500
- (112,900)

HPMS Sections - AADT 2021
- 38,100
- 87,900
- (130,100)

DOD Sections
- DOD 105 (0.49)
- DOD 106 (1.31)
- DOD 110

Census Tracts

Functional Classification
- Interstate (1)

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

Previous Projects: Project No., Date and Limits (93A-01-96M, 1997, Resurf.) — 0.00 0.09
- IR-H1-1(189), Additional Lanes
- (I-H1-1(20) , 1967)
- I-H1-1(108) Safety Imprv., 1976
- (I-H1-1(18)Unit 3, 1966)
- 0.10 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

SCALE: (In Miles) 4" = 1 mile

Date Released November 2000	
Revised	
May 02	D.B.
Aug. 04	D.B.
June 6	D.B.
Feb 09	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

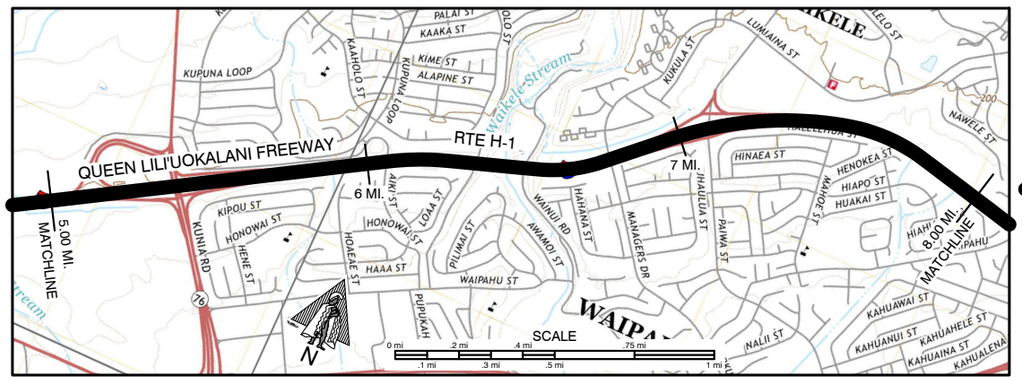
OAHU RTE H-1
QUEEN LILI'UOKALANI FREEWAY

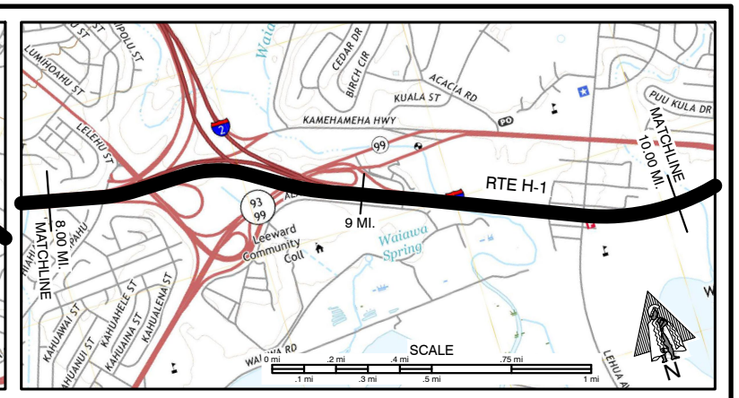
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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 27.149 MILES (a+b)
a. Existing Length: 27.149 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 27.149 MILES (a+b, less c)
a. Existing Length: 27.149 MILES
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c. Length used as T.W. for another Route: 0.00 MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



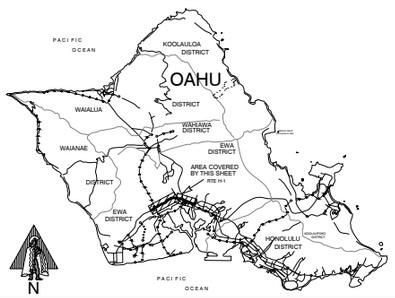


SCALE: (In Miles) 4" = 1 mile

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

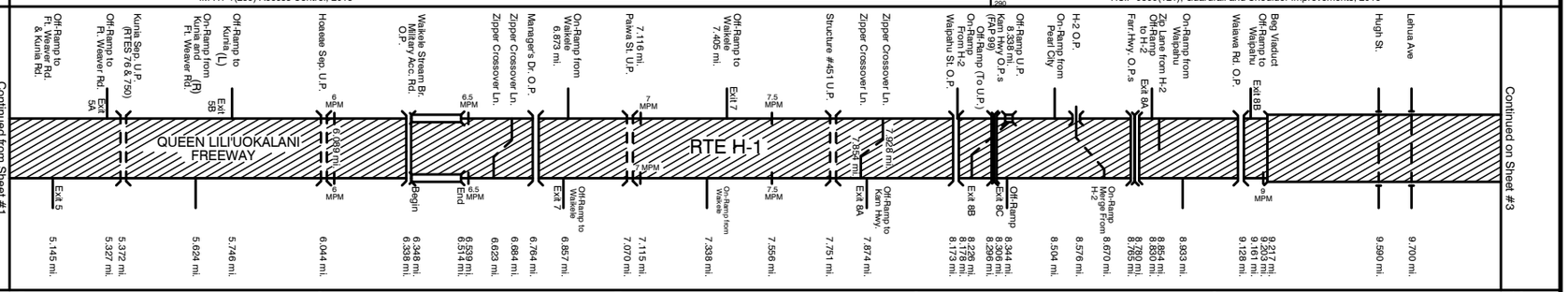
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	P/CB HS-20 1967 | P/CB HS-20 1967 | CBG 1967 P/CB HS-20 1968 876' I.B. 832' O.B. | CBG 1968 | TBM HS-20 200' | P/CB HS-20 1968 | CBG 1968 CBG 1968 OF HS-20 1970 | CBG 1971 | CBG 1969 CBG 1969 | CBG 1969 | PLCB HS-20 1969 5946'
Vertical Clearance	164' | 104' | | | | 158' | | | | |
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' | 16'-9"
Structure Over Road: Horizontal Clearance	65' | 76' | 69' | 99' | 58' | 32' | 31' | 73'
Right of Way Width (min.-max.) if varies	190' - 280' | 210' - 365' | 170' - 300'
Available Right of Way Width (Needs Study)	1000' Bushes
Right of Way Fence: Type - Right and Left	(Chain Link 50'-100' from E.P.) Chain Link | 0' Residential
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 | IM-H1-1(256), Resurface, 2008
Project No., Type of Construction, and Year Constructed	IM-H1-1(259) Access Control, 2018 | HSIP-0300(121), Guardrail and Shoulder Improvements, 2018



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	6'-8' AC | 8' PCC | 10' AC | 8'-10' AC | 10' PCC
Pavement: Width and Type	36' PCC | (48' PCC) | 48' AC | 48' PCC | 48' AC | 44' AC | 66' AC | 66' PCC
Shoulder: Width and Type	4'-12' AC | (Double Conc. Barr. w/ 23' Gap) | 4' PCC | 10' AC | 6'-10' AC | 4'-8' AC | 4' PCC
Median: Width and Type	20' Sloped Grass (R) | 10'-20' Grass & Shrubs | 10'-24' Grass & Shrubs | 4'-0" Grass & Shrubs | 2' Zip Blocks | 10-16' Grass | 8' Grass & Shrubs (R) | 2'-20' Grass & Shrubs | 2' Concrete Barrier / 2' Zipper Barrier
Median Barriers: LEGEND: Concrete Barrier — Zipper Barrier - - - M.M Guard Rails	
Shoulder: Width and Type	2'-6' AC | 2' PCC | 10' AC | 6'-8' AC w/ PCC, 10' Grass, Shrubs | 2'-4' AC | 1'-2' PCC
Pavement: Width and Type	36' PCC | 36' AC | 48' AC | 48' PCC | 48' AC | 36' AC | 55' AC | 55' PCC
Shoulder: Width and Type	8'-10' AC | 0'-15' PCC | 15'-0' AC | 10' AC | 10' AC (Shld. Ln.) | 10' PCC (Shld. Ln.) | 8'-10' AC (Shld. Ln.) | 8'-10' AC | 6' AC | 10' AC / 2'-20' Grs | 6'-8' AC | 10'-12' AC (Shld. Ln.) | 10' PCC (Shld. Ln)
Number of Traffic Lanes	3-12' | 4-12' | 4-11' | 6-11' (2-11', 4-10.25')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A-Accel D-Decel T-Taper M-Merge	3-12' | 4-12' | 3-12' | 5-11'
(Right Side) A-Accel D-Decel T-Taper M-Merge	(2-16' Decel) | (1-12' Decal) | 3 - Accel | 1 - Accel (2-Accel) | 1 - Accel | 1-D | (1-Decel) | (1-12' Accel) | 1-A | 1-D | (1-14' Decal) | 1-A | 1-M | 1-12' Decel | 1-A | (1-D) | (1-14' Decal) | 1-12' (21'-0" M) | 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)	6' GUTTER | 4' GUTTER | 2'-6" GUTTER | 8' GUTTER | 4' GUT.
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	LED | LED | LED
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	B | C | B | A | B | C | A | B
Zipper Lane/Express Lane	(Zipper Lane/Express Lane: Buses and 2 Rider Car Pools, 5:30 - 8:30 AM, Monday - Friday)
Shoulder Lanes	10'-12' AC w/ PCC, 5AM-8:30AM | 10'-12' AC 5-8:30AM | (HOV Lane near median (2 or more occupants) 3:30-6PM)
HOV Lanes/Contra-Flow Lanes	HOV Lane near median (2 or more occupants) 5:30-8AM, 3:30-6PM
Area and Development:	Urbanized-Large (39889)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	Rolling (2)
Speed: 1-Design, 2-Posted	55 MPH (MIN 45) (2) | 55 MPH (2) | 55 MPH (MIN 45) (2) | 55 MPH (2) | 55 MPH (MIN 45) (2) | 55 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B72 0000 0H1-5 | B72 0000 0H1-6 | P72 00H1 007000 | B72 0000 H1-7Z | B72 0000 0H1-8
HPMS Sections - AADT 2023	100,000 | 148,100 | 150,000 | 159,061 | 123,300
HPMS Sections - AADT 2022	112,900 | 167,600 | 147,900 | 155,228 | 191,192
HPMS Sections - AADT 2021	130,100 | 164,700 | 145,700 | 159,700 | 201,100
DOD Sections	DOD 110 | DOD 115 | DOD 120
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	A
Functional Classification	Interstate (1)
National Highway System (NHS)	On NHS (1)
Previous Projects: Project No., Date and Limits	(I-H1-1(108) Safety Imprv. 1976) | IR-H1-1(181) Resurf. 1986 | H1EFG-01-96, Contraflow and Shldr. Lane, 1998
	IM-H1-1(224) (R) 1986 | H1E-01-94M Shldr Imprv 1994 | H1E-EG-01-95M (R),1995
	IR-H1-1(181) Resurf. 1986 | IR-H1-1(206), Ph. 2 & IR-H1-1(193) Additional Lanes 1987/88
	I-H1-1(108) Safety Imprv. 1976 | (I-H1-1(18) U-2 1966) | IR-H1-1(212) Hwy Lighting 1994 | IR-H1-1(167) Resurf. 1982 | I-H1-1(18) U-2 1966
	I-H1-1(18) U-3 1966 | I-H1-1(32):5 Unit 1 1969 | I-H1-1(32):5 U-2 1969 | I-H1-1(32):5 Unit 3 1969 | I-H1-1(33):8 I-H1-1(44):8(1969) | I-H1-1(169):8 1971 | I-H1-1(47):9 1970 | I-H1-1(14):8 I-H1-1(48):9(1970) | I-H1-1(37):9 1969 | I-H1-1(42):10 1970 | I-H1-1(43):10 1970

SCALE: (In Miles) 4" = 1 mile

Date Released November 2000	
Revised	
May 02	D.B.
Sept. 02	J.K.
Aug 04	D.B.
June 06	D.B.
Feb 09	D.B.
Aug 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

OAHU RTE H-1
QUEEN LILI'UOKALANI FREEWAY

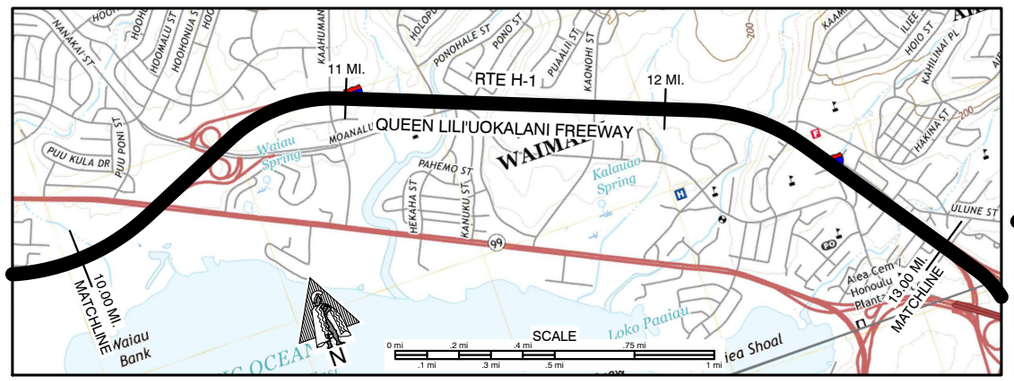
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

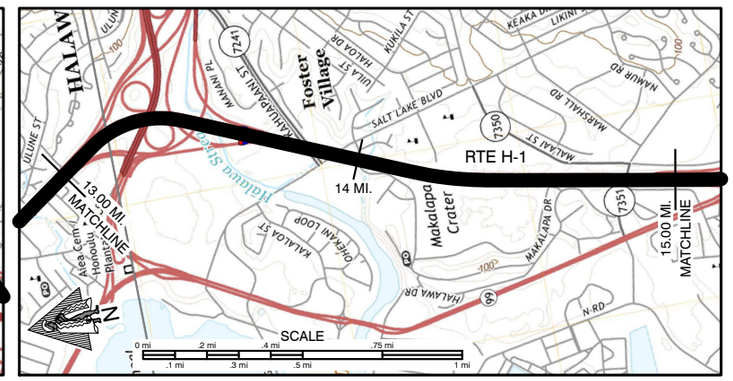
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 27.149 MILES (a+b)
a. Existing Length: 27.149 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 27.149 MILES (a+b, less c)
a. Existing Length: 27.149 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





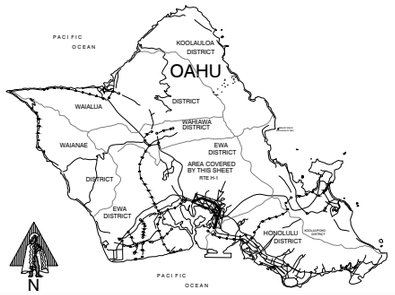
SCALE: (In Miles) 4" = 1 mile

10 11 12 13 14 15

Maintenance Control Sections : Length and Description
H1-E (3.88 mi.) | End H1-E and beg. H1-F 211' east of Kaimakani O.P. | H1-F (0.98 mi.) | End H1-F and beg. H1-G at S.E end of Halawa IC complex (end viaduct) | H1-G (3.51 mi.)

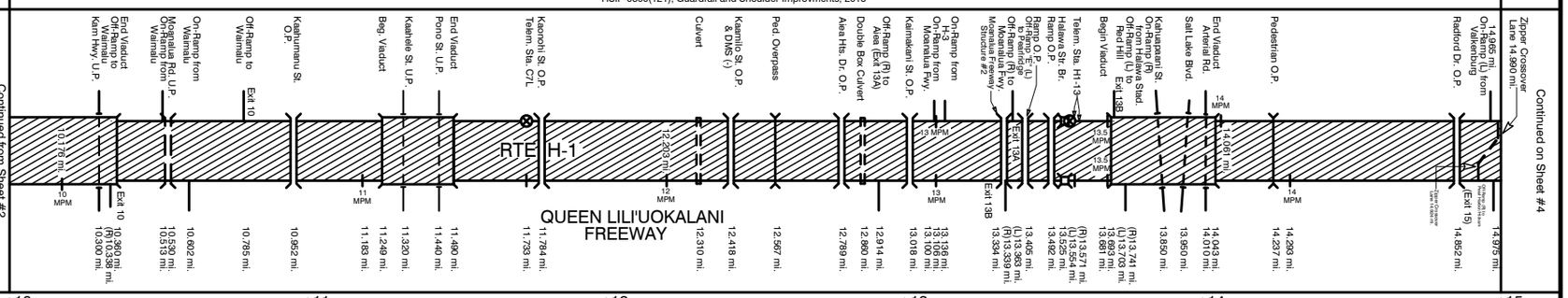
Structure Carrying Road
Bridges (Over 20'): Length, Type, Capacity and Year Constructed
CGB HS-20 1970 244' | CGB HS-20 1971 | PLCB HS-20 1970, 2006 1251' | CBG HS-20 1970 | 33' Plate Culvert HS-20 1970 | CBG HS-20 1970 | PED 1970 | CBG HS-20 1970 | Culv. HS-20 1970 | P/CB HS-20 1970 | (Prestressed Conc. Girder HS-20 1975) 116' 29' | Prestressed Conc. HS-20 81'-8"
Vertical Clearance
99' | 163' | 33' | 33' | 99'
Horizontal Clearance
Structure Over Row
Vertical Clearance
18' | 17'-04" | 18' | 17' | 17'-04" | 18' | 18' | 18'
Horizontal Clearance
83' | 70' | 69' | 75' | 76' | 99' | 150' 150' | 154'

Right of Way Width (min.-max.) if varies
170' - 300' | 172' - 240' | 250' - 350' | 172' - 410' | 250' - 300'
Available Right of Way Width (Needs Study)
0' Residential
Right of Way Fence: Type - Right and Left
Chain Link 50'-100' from E.P. | Chain Link 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
I-H3-1(75), Unit VIII, H-1 Roadway Widening (Westbound Lanes only), 2006 | H-1EF-01-06MR,Resurfacing,2015 | NH-H1-1(246), Zipper Lane Extension, 2006
Project No., Type of Construction, and Year Constructed
HSIP-0300(121), Guardrail and Shoulder Improvments, 2018



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

10 11 12 13 14 15

Divided Highway Undivided
Shoulder: Width and Type
10' PCC | 4'-6' AC | 12' PCC | 4'-12' PCC | 6'-12' AC | 6'-8' PCC | 6'-8' AC
Pavement: Width and Type
66' PCC | 48' AC | 48' PCC | 48' AC
Shoulder: Width and Type
4' PCC | 12' PCC | 11' PCC | 6'-7' PCC | 6'-7' AC | 10' AC | 4'-6' AC | 6'-8' PCC | 8'-10' AC
Median: Width and Type
2' Concrete Barrier + 2' Zip Blocks
Median Barrier LEGEND: Concrete Barrier ——— Zipper Barrier - - - M.M Guard Rails
Divided Highway
Shoulder: Width and Type
1'-2' PCC | 2' AC | 2' PCC | 2' AC | 2' PCC | 2' AC | 3' PCC | 4'-6' AC | 6'-8' PCC | 8'-10' AC
Pavement: Width and Type
55' PCC | 55' AC | 55' PCC | 55' PCC | 55'AC | 55'PCC | 44' AC | 48' AC | 48' PCC | 48' AC
Shoulder: Width and Type
10' PCC (Shld. Ln.) | 4'-10' AC | 10' AC (Shld. Ln.) | 10' PCC (Shld. Ln.) | 10' AC (Shld. Ln.) | 10' PCC (Sh. Ln) | 4' AC | 12'-14' AC | 10' PCC | 10'-12' AC

Number of Traffic Lanes
5-11' | 6-11' (2-11', 4-10.25') | 4-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A-Accel D-Decel T-Taper M-Merge
1-16' Accel | 1 - 12' Accel | 1-A, 1-M | 1-D | 1 - 12' Decel | 1-12' A, 1-12' Aux | 1-12' Aux | 1 - 12' Accel | 2 - 12' Accel
(Right Side) A-Accel D-Decel T-Taper M-Merge
(1-12' Decel) | 1-16' D | 1 - 12' Accel | 1-D | 2-D | 1 - 12' Decel
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
LED
Grades Class: +/- % A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
(B) A C B C A C B A B A C B A B A (2-12)
Zipper Lane/Express Lane
Zipper Lane (Express Lane: Buses and 2 Rider Car Pools, 5:30 AM - 8:30 AM, Mon. - Fri.)
Shoulder Lanes
10'-12' PCC | 10'-12' AC w/ PCC 5-8:30 AM | 11' PCC 3:30-7:00 PM
HOV Lanes/Contra-Flow Lanes
HOV Lane near median (2 or more occupants) 3:30-6 PM
HOV Lane near median (2 or more occupants) 5:30-8 AM, 3:30-6 PM
Area and Development:
Urbanized-Large (39889)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous
Rolling (2)
Speed: 1-Design, 2-Posted
55 MPH (MIN 45) (2) | 55 MPH (2) | 55 MPH (MIN 45) (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year)
B72 0000 0H1-8 | P72 0000 00C7L | P72 0000 0H113
HPMS Sections - AADT 2023
123,300 | 230,400 | 96,000
HPMS Sections - AADT 2022
191,192 | 227,700 | 96,900
HPMS Sections - AADT 2021
201,100 | 223,800 | 92,200
DOD Sections
DOD 120 | DOD 125 | DOD 130
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
A
Functional Classification
Interstate (1)
National Highway System (NHS)
On NHS (1)
Previous Projects: Project No., Date and Limits
H1EFG-01-96, 1998 Contraflow and Shoulder Lanes
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 (68):10, 1970 | I-H1-1(65):10, 1970 | I-H1-1(66):10 and I-H1-1(67):10, 1971 | I-H1-1(63):11 1970 | I-H1-1(64):12 Unit 1 | I-H1-1(77):13 1971 | I-H1-1(64) Unit 2 | I-H1-1 (83):13 1975 | I-H1-1(91):13 1976 | I-H1-1(104):13 1976 | I-H1-1(71,03,125):14 1976 | I-H1-1(135):14 1976 (Resurface, 1982 | I-H1-1(111):14 1976 | (IR-H1-1(196)(R) 1986) | I-H1-1(7,03,125):14 1976 | (I-H1-1(71,03,125):14 1976)

SCALE: (In Miles) 4" = 1 mile

10 11 12 13 14 15

Date Released November 2000	
Revised	
May 02	D.B.
Aug. 04	D.B.
June 06	D.B.
Mar. 07	D.B.
Feb. 09	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

OAHU RTE H-1

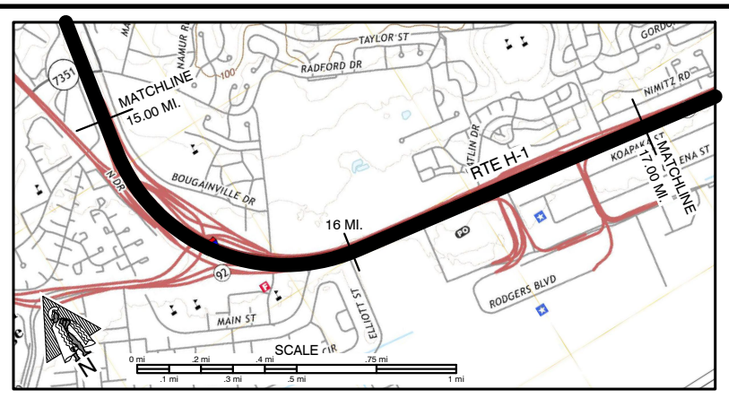
QUEEN LILI'UOKALANI FREEWAY, LUNALILO FREEWAY

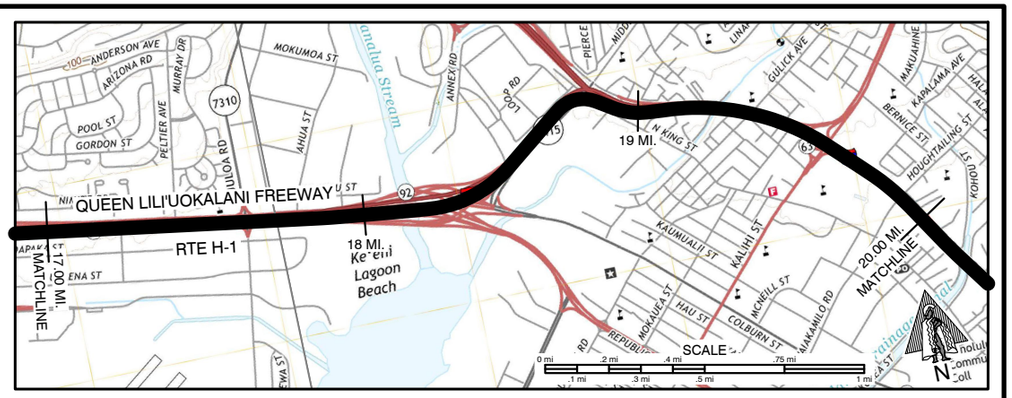
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	27.149	MILES (a+b)
a. Existing Length:	27.149	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	27.149	MILES (a+b, less c)
a. Existing Length:	27.149	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 250' - 300' | 150' - 230'

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

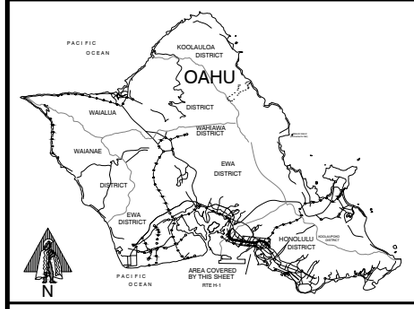
Right of Way Fence: Type - Right and Left

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 111+60 State

Project No., Type of Construction, and Year Constructed: NH-H1(276), Viaduct Improvements, 2023 | IM-H1(242, Guardrail and Shoulder, 2020

Project No., Type of Construction, and Year Constructed: HSIP-0300(121), Guardrail and Shoulder Improvements, 2018 | IM-H1-1(269), Rehab, 2020



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

Continued from Sheet #3

RTE H-1 QUEEN LILI'UOKALANI FREEWAY — LUNALILO FREEWAY

Continued on Sheet #5

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Median: Width and Type

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

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

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

(Right Side) A-Accel D-Decel T-Taper M-Merge

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

Sidewalk: Width and Type (Right and Left)

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

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

Illumination: Type, Location and Number: LED

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

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

Shoulder Lanes

HOV Lanes/Contraflow Lanes

Area and Development:

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

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections - AADT 2023

HPMS Sections - AADT 2022

HPMS Sections - AADT 2021

DOD Sections

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

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released November 2000	
Revised	
May 02	D.B.
Aug. 04	D.B.
June 06	D.B.
Mar. 07	D.B.
Feb. 09	D.B.
Jan., 10	D.B.
Jan., 11	D.B.
Feb., 12	D.B.
Sept., 12	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

OAHU RTE H-1

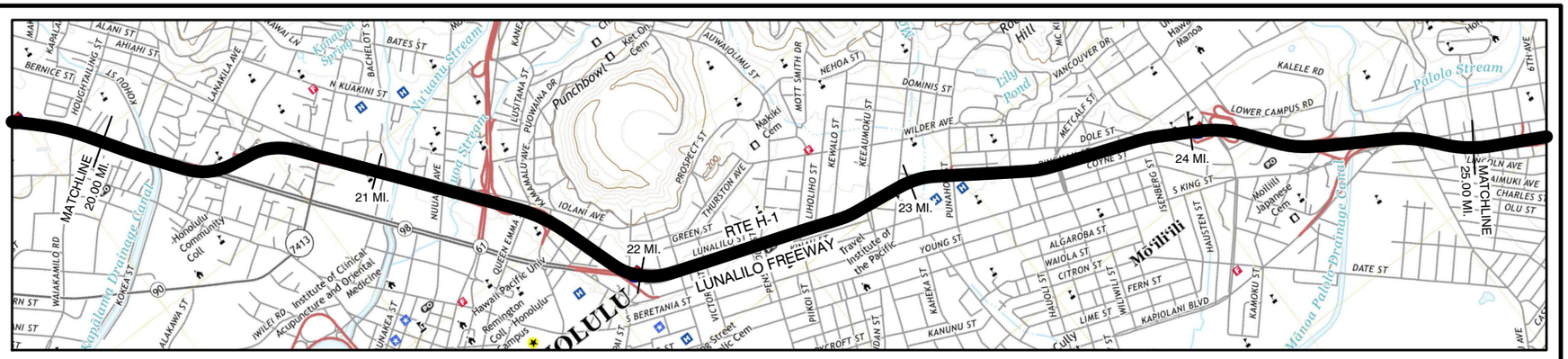
LUNALILO FREEWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 27.149 MILES (a+b)
a. Existing Length: 27.149 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 27.149 MILES (a+b, less c)
a. Existing Length: 27.149 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-I (5.23 mi.) | End H1-I, Beg. H1-J at Kapiolani IC (Old Waialae Rd.) | H1-J (0.42 mi.) | End H1-J, Beg. H1-K 200' East of Kapiolani Ave. | H1-K (2.29 mi)

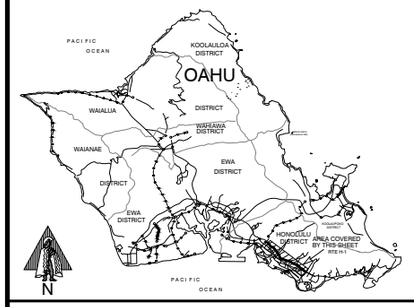
Structure Carrying Road

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

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

Continued from Sheet #4.

Off-Ramp to Houghtailing St. Ext 20B | Kapalama Canal 20.185 mi. | Telem. Sta. SL23LF 248 mi. | Begin Viaduct On-Ramp (L) from Vineyard Blvd 20.267 mi. | On-Ramp from Vineyard Blvd 20.312 mi. | End Viaduct Palama St. U.P. | Off-Ramp to Palama St. Ext 20C | Liliha St. O.P. & DMS (-) Liliha Access Rd. | On-Ramp from School St. (L) 20.888 mi. | Nuuanu Ave O.P. Off-Ramp to School St. 21.216 mi. Ext 21A | Telem. Sta. SL36LF Asia St. Extension O.P. | On-Ramp from Punchbowl St. Ramp O.P. Pali Hwy O.P.s 21 MPM 21.322 mi. | On-Ramp from Punchbowl St. (L) Pali Hwy (L) U.P. | On-Ramp from Queen Emma St. Pali Hwy (R) U.P. Ext 21B | Off-Ramp to Pali Hwy (L) Asia St. O.P. 22 MPM 21.744 mi. | Pedestrian O.P. | Off-Ramp to Kinau St. | Pedestrian O.P. Vineyard Blvd. O.P. | Pedestrian O.P. Off-Ramp to Vineyard Blvd. 22.116 mi. | Ward Ave O.P. Off-Ramp to Vineyard Blvd. 22.334 mi. | On-Ramp from Punchbowl St. Lunalilo St. U.P. | Begin Makiki Viaduct On-Ramp from Lunalilo St. 22.304 mi. | Pensacola St. U.P. | Pilkoi St. U.P. | End Makiki Viaduct | Off-Ramp to Lunalilo St. Ext 23 23 MPM 22.736 mi. | Keeaumoku St. O.P. | Off-Ramp to Lunalilo St. 22.815 mi. | Tel. Sta. Radar 3 | On-Ramp from Punahou St. 23.068 mi. | Punahou St. O.P. | Off-Ramp from Alexander St. | On-Ramp from Alexander St. | Off-Ramp to Bingham St. McCully St. O.P. Telem. Sta. 724A | On-Ramp from McCully St. 23.745 mi. Ext 24A 24 MPM Shld. & Median | Pedestrian O.P. Off-Ramp to Wilder Ave | On-Ramp from Wilder Ave. | On-Ramp from University Ave. 24.017 mi. | On-Ramp from University Ave U.P. | Off-Ramp to University Ave. | On-Ramp to University Ave. | Off-Ramp to University Ave. Ext 24B 24.197 mi. | Kalo Place U.P. | Palolo Ave U.P. | Off-Ramp to Kapiolani Blvd. | On-Ramp from Kapiolani Blvd. | Telem. Sta. SL58 | On-Ramp from Kapiolani Blvd. (R) | On-Ramp from Kapiolani Blvd. (L) | Off-Ramp to King St. | On-Ramp to King St. | Off-Ramp to Waialae Ave. | On-Ramp from King St (R) | On-Ramp from King St. (L) | Off-Ramp to Waialae Ave. Ext 25A | On-Ramp from Waialae Ave. | Kapiolani Blvd. (L) Ext 25A | End Viaduct | Pedestrian O.P. | Continued on Sheet #6.

Divided Highway — Undivided

Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	
Median: Width and Type	
Median Barrier	LEGEND: Concrete Barrier — Zipper Barrier - - - M/M Guard Rails
Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	

Number of Traffic Lanes	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	A-Accel D-Decel T-Taper M-Merge
(Right Side)	A-Accel D-Decel T-Taper M-Merge
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)	CC=Concrete Curb CCG=Concrete Curb and Gutter
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	
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	
Zipper Lane/Express Lane	
Grades: % Grade, Positive or Negative	
HOV Lanes/Contra-Flow Lanes	
Area and Development:	
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	
Speed: 1-Design, 2-Posted	
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	
HPMS Sections - AADT 2023	
HPMS Sections - AADT 2022	
HPMS Sections - AADT 2021	
DOD Sections	
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	
Functional Classification	
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	

SCALE: (In Miles) 4" = 1 mile

Date Released November 2000	
Revised	
May 02	D.B.
Aug. 04	D.B.
June 06	D.B.
Mar. 07	D.B.
Feb. 09	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

OAHU RTE H-1
LUNALILO FREEWAY

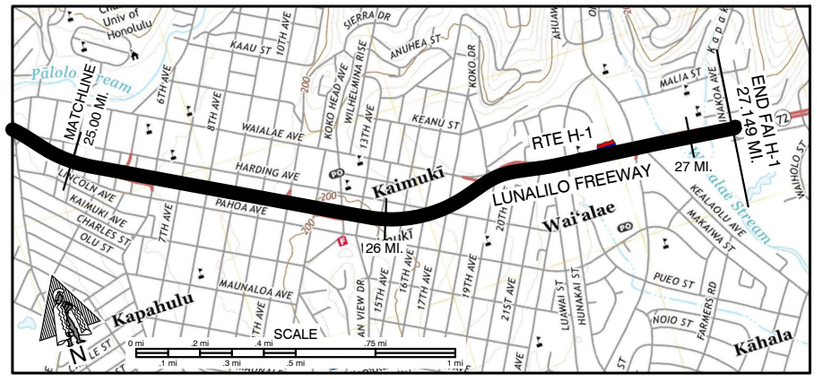
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 27.149 MILES (a+b)
- a. Existing Length: 27.149 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 27.149 MILES (a+b, less c)
- a. Existing Length: 27.149 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 — H1-K (2.29 mi.)

Structure Carrying Road / Structure Over

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- CBG 1965 25.11
- Slab 1964 25.30
- Slab 1964 25.38
- Slab 1964 65' 25.50
- Slab 1964 25.80
- Slab 1966 26.16
- CBG 1967 26.20
- P/CB 1968 26.36
- CBG 1967 26.38
- PCTB 1969 216' 26.50
- Slab 1968 55' 26.98
- P/CB 1969 49' 27.09

Vertical Clearance: 99' 47' 99' 99'

Horizontal Clearance: 60' 61' 60' 50' 50' 50' 50' 50'

Vertical Clearance: 17' 17'-2" 16'-6" 18' 16'-10" 17'-5" 16'-7" 16'-7"

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 150' - 240' (25.80) 120' - 300'

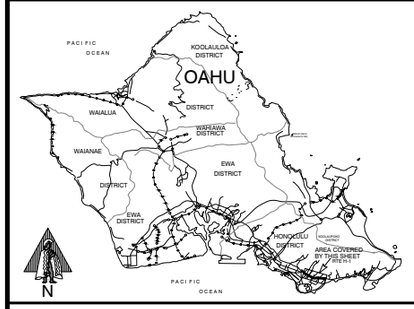
Available Right of Way Width (Needs Study): 0' Residential/Commercial

Right of Way Fence: Type - Right and Left
- Chain Link 20'-30' from E.P. 25.53
- 25.80 Stone Wall 20' from E.P. 26.35
- Stone Wall 20' from E.P. 26.35
- (Stone Wall 18' from E.P.) 27.06
- (Stone Wall 15' from E.P.) 27.06

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 (25.80)
- IR-H1-1(197), Safety Imprv., 1986 (26.35)
- IR-H1-1(184), Safety Imprv., 1985



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

Continued From Sheet #5

Pedestrian O.P. — On-Ramp from 5th Ave. (L) — Off-Ramp to 6th Ave. (R) — 6th Ave O.P. — 7th Ave O.P. — On-Ramp from 11th Ave. (L) — 10th Ave U.P. — Koko Head Ave. O.P. — Off-Ramp to Koko Head Ave. (R) — Harding Ave. O.P. — 16th Ave O.P. — Off-Ramp to Waialae Ave. (R) — Pedestrian O.P. — Waialae Ave O.P. — On-Ramp from Waialae Ave. (L) — Beg Waialae Viaduct — Off-Ramp to Waialae Ave. (L) — Hunakai St. — End Waialae Viaduct — Kilauea Ave. — Waialae-Nui Br. — Kapakahi Br. — Off-Ramp to Waialae Ave. — Waialae Ave. — Updated to 2014 videolog. End RTE H-1 on Kalanianaole Hwy. at the West edge of Pav't. of Alinakoa Ave. (same as End RTE 72).

RTE H-1 LUNALILO FREEWAY

Exit 25B — Exit 26 — Exit 26A — Exit 27 — Exit 27A

26 MPM — 26 MPM — 27 MPM — 27 MPM

25.140 mi. 25.139 mi. 25.093 mi. | 25.286 mi. | 25.372 mi. | 25.551 mi. | 25.638 mi. | 25.741 mi. 25.728 mi. | 25.889 mi. | 26.148 mi. 26.186 mi. | 26.233 mi. | 26.302 mi. 26.340 mi. | (R)26.501 mi. (L)26.555 mi. | 26.570 mi. | 26.650 mi. | 26.912 mi. 26.860 mi. | 26.980 mi. | 27.065 mi. | 27.149 mi.

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Divided Highway / Undivided

- Shoulder: Width and Type — 9' PCC | 2'-4' AC | 9' PCC | 2'-6' AC
- Pavement: Width and Type — 36' PCC | 36' AC
- Shoulder: Width and Type — 5' PCC | 3' PCC | 5'-10' AC | 0'
- Median: Width and Type — 2' Concrete Barrier | Double Conc. Barrier w/ Rails +3'-10' Gap | Metal Guardrails | (4' Raised Concrete)
- Median Barriers — LEGEND: Concrete Barrier — Zipper Barrier — M/M Guard Rails
- Shoulder: Width and Type — 4'-6' PCC | 8' AC | 0'
- Pavement: Width and Type — 48' PCC | 36' PCC | 36' AC
- Shoulder: Width and Type — 9' PCC | 0'-6' AC

Number of Traffic Lanes: 3-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A-Accel D-Decel T-Taper M-Merge: 1-12' (Accel) | 1-12' (1-12) | 1-12' (1-12) Accel)

(Right Side) A-Accel D-Decel T-Taper M-Merge: 1-12' (1-12) | 1-12' (1-12) Decel) | 1-12' (Accel) | 1-12' (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): CCG | (2' Gutter) | 2' Gutter | (CCG)

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

Illumination: Type, Location and Number: LED

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

Zipper Lane/Express Lane: None

Grades: % Grade, Positive or Negative

HOV Lanes/Contra-Flow Lanes: None

Area and Development: Urbanized-Large (39889)

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

Speed: 1-Design, 2-Posted: 50 MPH (MIN 40) (2) | 50 MPH (2) Not Posted | 55 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
- B72 0000 H1-26
- B72 000 H1-26K
- B72 000 H1-27G

HPMS Sections - AADT 2023: 93,425 | 77,200 | 46,512

HPMS Sections - AADT 2022: 91,174 | 76,496 | 76,998

HPMS Sections - AADT 2021: 93,800 | 78,700 | 37,400

DOD Sections: DOD 175

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

Functional Classification: Interstate (1)

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

Previous Projects: Project No., Date and Limits
- IR-H1-1(184) Safety Imprv., 1985 (25.80)
- I-H1-1(6):25, U-3, 1968 (26.35)
- I-H1-1(4):24, 1965
- I-H1-1(6):25, U-1, 1968
- I-H1-1(6):25, 1969

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Date Released November 2000	
Revised	
Aug. 04	D.B.
June 06	D.B.
Feb. 09	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb., 12	D.B.
Sept., 12	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

OAHU ROUTE H2
VETERANS MEMORIAL FREEWAY

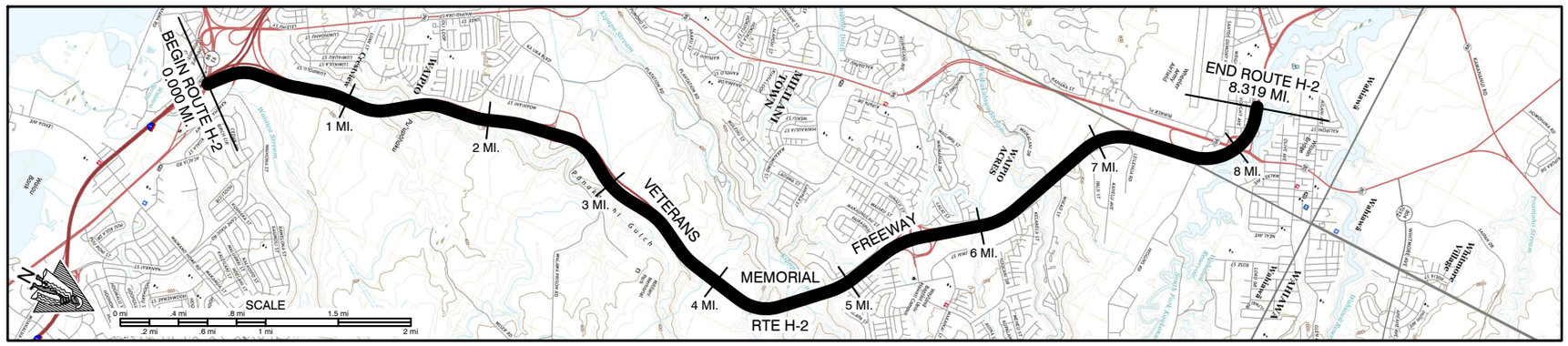
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 8.319 MILES (a+b)
- a. Existing Length: 8.319 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 8.319 MILES (a+b, less c)
- a. Existing Length: 8.319 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

0 1 2 3 4 5 6 7 8 9 10

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

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

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

Vertical Clearance

Horizontal Clearance

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

Structure Over Road

Vertical Clearance

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

Horizontal Clearance

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

1.03 225' - 330' | 1.22 250' - 540' | 2.02 200' - 350' | 2.80 350' - 550' | 3.39 200' - 330' | 4.04 200' - 660' | 4.00 | 160' | 4.74 400' - 660' | 5.69 240' - 460' | 6.92 280'-580' | 7.24 100' - 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)

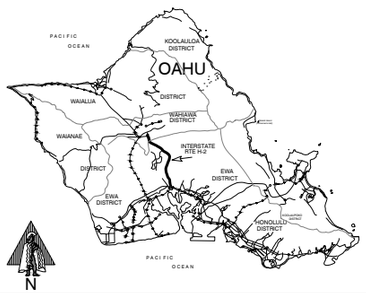
STATE

Project No., Type of Construction, and Year Constructed

0.38 0.38 NH-H2-1(034), PCC REHAB (NB), 2024 3.37 6.99 7.01 NH-0300(166), Guardrail Imprv., 2024

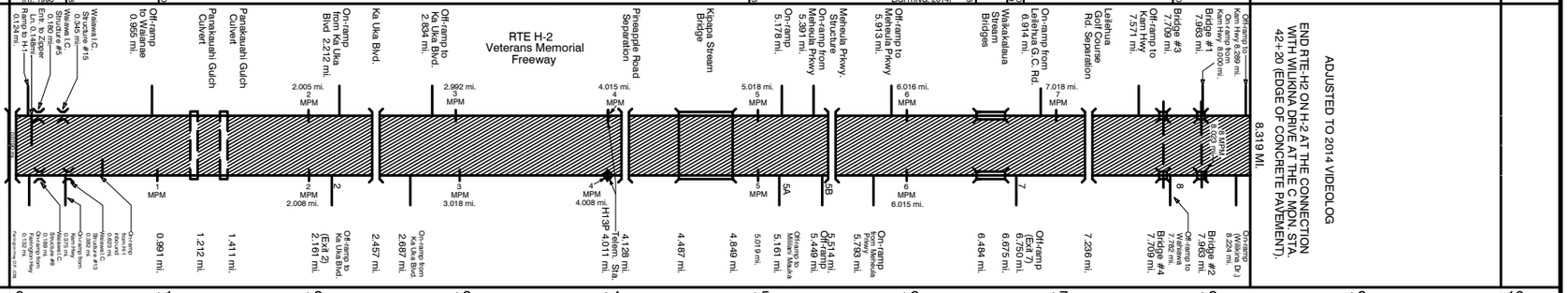
IM-H1-1(224) (R), 1998 1.00 HWY-O-03-10M, LIGHTING, 2014 4.96 (HWY-O-03-10M, LIGHTING, 2014) 6.48 6.55 6.69 NH-H2-1(034), PCC REHAB (NB), 2024 7.86

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Divided Highway — Undivided

Shoulder: Width and Type

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

Pavement: Width and Type

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

Shoulder: Width and Type

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

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 (L) | 36' Grass w/ 6' Conc Gutter | 32' Grass w/6' AC Gutter M/M Guard Rails | 32' Grass | 19'-22' Grass | (Chainlink Fence/ 16' AC) (16' Raised Grass(Guardrail .270-.295)) (Chainlink Fence (.299-.319))

Shoulder: Width and Type

4' AC | (4' PCC w/ 8" Conc. Barr.) | 9'AC | 15' AC | 6' PCC | 1' PCC | 6' PCC | 15' AC | 10' PCC | 10' PCC | 2' AC | (44' PCC) | 10' PCC | 4' AC | 6' PCC | 4' AC | 4' AC | 10' AC | 0

Pavement: Width and Type

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

Shoulder: Width and Type

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

Number of Traffic Lanes

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

(Right Side) A-Accel D-Decel T-Taper M-Merge

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

Illumination: Type, Location and Number

LED | LED | LED

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

~~Superelevation (Range)~~ HOV Lanes

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

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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

Urbanized-Large (39889)

Speed: 1-Design, 2-Posted

ROLLING (2)

Intersection Control Devices: Type, Location and Cycle Timing

55 MPH (2) | (B72 00000H2-8) | (55 MPH(2)) | 45 MPH (2) | NOT POSTED | 25 MPH (2)

Traffic Stations (Current Year)

B72 0000 H2-2W | P72 0000 0H13P | B72 0000 0H2-5 | B72 0000 0H2-6 | B72 0000 0H2-7 | B72 0000 H2-8K

HPMS Sections - AADT 2023

103,500 | 90,400 | 55,500 | 64,471 | 61,600 | 52,200 | 41,600

HPMS Sections - AADT 2022

69,600 | 89,400 | 52,400 | 64,600 | 56,800 | 46,948 | 39,074

HPMS Sections - AADT 2021

86,100 | 88,900 | 52,300 | 59,000 | 54,500 | 48,300 | 40,800

DOD Sections

DOD 435 | DOD 440

Census Tracts

Functional Classification

INTERSTATE (1)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

I-H1-1(46):8, 1975 | IR-H2-1(26), Phase 1, HOV lanes, 1994 | IR-H2-1(27), Phase 2, HOV lanes, 1994 | IM-H2-1(33), Rehab., 2008 | IR-H2-1(27), Phase 2, HOV lanes, 1994 | IM-H2-1(33), Rehab., 2008 (IM-H2-1(29), 1998, (On-Off Ramps)) | IR-H2-1(24), Imprv., 1991

IR-H2-1(26), Phase 1, HOV lanes, 1994 | IR-H2-1(27), Phase 2, HOV lanes, 1994 | IR-H2-1(24), Imprv., 1991

IR-H2-1(27), Phase 2, HOV lanes, 1994

I-H1-1(46):8,1975 | I-H2-1(12):0 1975 | I-H2-1(9):4 | I-H2-1(7):4, PH 1, 1976 | (TRANSITIONS COVERED BY ADJACENT PROJECTS) | I=H2-1(8):6, PH 1 1976 | I-H2-1(11):7, PH 1, 1976 | (I-H2-1(10):6, 1976,WAIKAKAKALUA BR.) | KIPAPA BR.

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

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.
June 06	D.B.
Feb 09	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Jan. 20	E.P.J.

ROAD INVENTORY

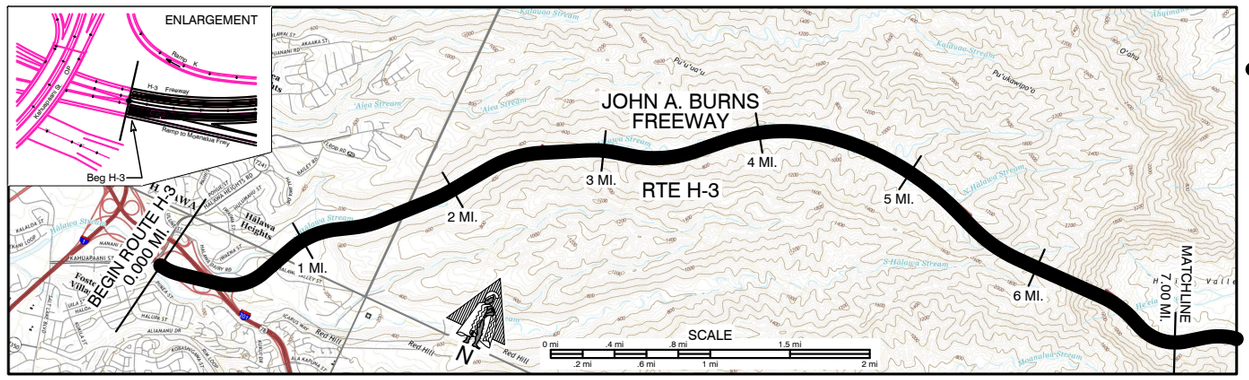
OAHU RTE - H3
JOHN A. BURNS FREEWAY

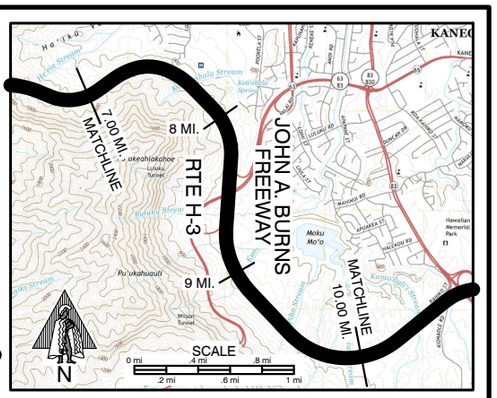
Note: H3 placed in service -DEC 1997

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 15.316 miles
a. Survey Length: 15.316 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

Structure Carrying Road

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

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

Vertical Clearance
Horizontal Clearance

Structure Over Road

Vertical Clearance
Horizontal Clearance

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

Available Right of Way Width (Needs Study)

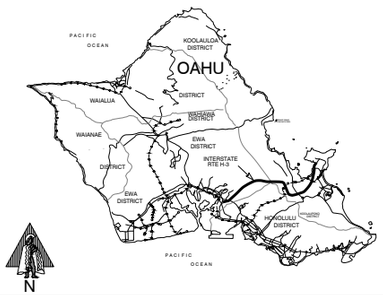
Right of Way Fence: Type - Right and Left

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

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

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

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

RTE H-3 John A. Burns Freeway

ROUTE CONTINUED ON SHEET #2

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 10' AC
Pavement: Width and Type: 24' AC
Shoulder: Width and Type: 10' AC | 4' AC
Median: Width and Type: 2' Conc Barrier (Median Crossover Guardrail, 1.775 mi.)
Median Barriers: CONCRETE BARRIERS 6' OPENING | 2'-8" Conc Barrier | 2'-8" Conc Barrier | 2'-4" Conc Barrier | 2'-6" Opening | 6'-16' Conc Barrier w/ Grass | CONCRETE BARRIERS 16'-100' OPENING | "The Harano Tunnels" | CONCRETE BARRIERS 24'-30' OPENING | M/M Guardrail 36'-48' Grass | CONCRETE BARRIERS 2'-48' OPENING | 2' Conc Barrier
Shoulder: Width and Type: 10' AC | 6' AC
Pavement: Width and Type: 24' AC
Shoulder: Width and Type: 10' AC

10' AC | 10' PCC | 6' PCC | 10' PCC
24' AC | 24' PCC | 36' PCC | 24' PCC
10' AC | 4' AC | (8' Conc Barrier) | 4' PCC | (12' PCC) | 4' PCC | (4'-9' PCC) | 4' PCC
10' AC | 6' AC | 4' PCC | 10'-12' PCC | 4' PCC | (12'-4' PCC) | 4' PCC
24' AC | 24' PCC
10' AC | 10' PCC

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A-Accel D-Decel T-Taper M-Merge
(Right Side) A-Accel D-Decel T-Taper M-Merge
12' Decel Lanes
12' Accel Lanes
(Accel. lane from Tunnel Com. Cntr.)
(12' PCC/AC Crossover Lanes)
(Crossover Lanes)
(12' Decel lane)

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)
(8' GUTTER) (6' GUTTER) (4' GUTTER) 8' GUTTER CONCRETE GUTTER

Protective Devices: Type, Location and Number — LEGEND: 1=concrete barrier 2=concrete wall, 3=metal w/ metal rail

Illumination: Type, Location and Number

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urbanized-Large (39889) | Urbanized-Small (43869)

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): P72 0000 0H41W | P72 0000 0H41T

HPMS Sections - AADT 2023: 47,100 | 25,700

HPMS Sections - AADT 2022: 46,700 | 25,800

HPMS Sections - AADT 2021: 46,400 | 25,800

DOD Sections

Census Tracts

Functional Classification: INTERSTATE (1)

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

Previous Projects: Project No., Date and Limits

(I-H1-1 (109)) (I-H3-1(54), 1991) (I-H3-1(51) 1991) (N. Halawa Valley Hwy, Unit 1A) (N. Halawa Valley Hwy, Unit 1, Phase 1B) I-H3-(59), 1995 I-H3-1(68), 1997 I-H3-1(69,70), 1996 I-H3-1(71) Halawa Viaduct, 1995 (Halawa Approach & Tunnels, I-H3-1(64), 1994 O.B.) I-H3-1(61), 1993 (Haiku Valley Bridges, I-H3-1(52), 1991) (Halawa Approach & Tunnels, I-H3-1(64), 1994) O.B.) (Haiku Approach & Tunnels) (Hospital Rock Tunnels) I-H3-1(53), 1992 (Kaneohe Interchange, I-H3-1(72), 1996) I-H3-1(50), Windward Hwy, 1992

SCALE: (In Miles) 2" = 1 mile

Date Released Apr. 98, J.K.	
Revised	
Feb. 99	J.K.
Mar. 04	D.B.
Aug. 04	D.B.
June 06	D.B.
Feb. 09	D.B.
Jan. 10	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Jan. 20	E.P.J.

ROAD INVENTORY

OAHU RTE - H3

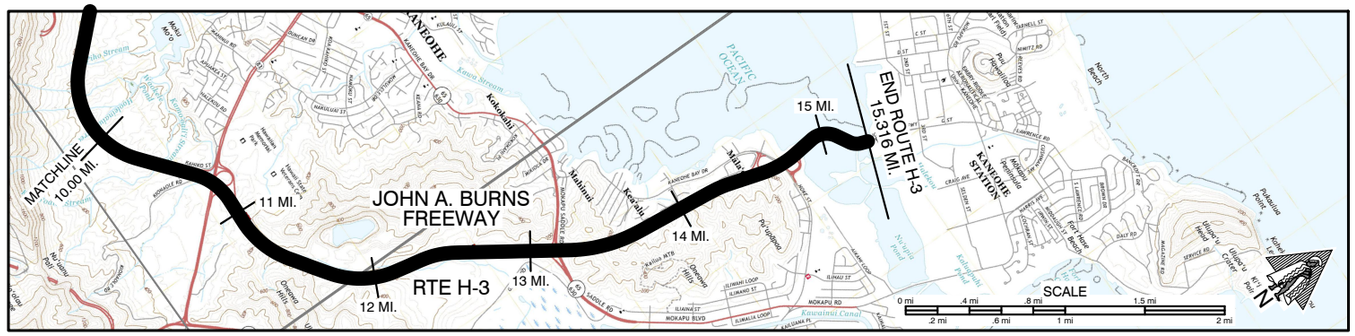
JOHN A. BURNS FREEWAY

Note: H3 placed in service -Dec 1997

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 15.316 miles
a. Survey Length: 15.316 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



CONTROL SECTION DESCRIPTIONS:

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

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

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

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

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

H3-I (0.55 mi.) | H3-J (1.84 mi.) | H3-K (0.50) | H3-L (0.99 mi.) | H3-M (0.50) | H3-N (0.48)

End H3-N same as end route.

Structure Carrying Road

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

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

Vertical Clearance

Horizontal Clearance (52' 8", 40' 8", 40', 41', 40', 109', 22')

Structure Over Road

Vertical Clearance (16' 6")

Horizontal Clearance (130')

Right of Way Width (min.-max.) if varies: 190' - 350' | 280' - 1050' | 280' -630' | 320' - 540' | 210' - 405' | 240'- 570' | 240' - 450' | 350' - 500' | 380' - 920' | 170' - 250'

Available Right of Way Width (Needs Study)

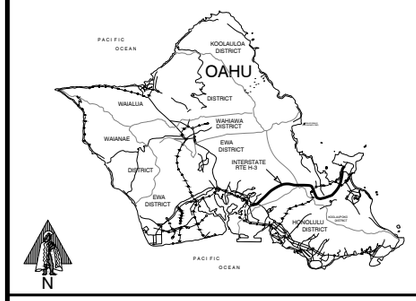
Right of Way Fence: Type - Right and Left

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 490+04 | 603+60 State | 697+40

Project No., Type of Construction, and Year Constructed: HWY-O-03-18, 2021

Project No., Type of Construction, and Year Constructed: (I-H3-1(75),Unit 2, Finish 1998) | HSIP-H3-1(081), SAFETY IMPROV., 2017



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

Route RTE-H3 continued from Sheet #1

Talem, Sta. 411 | Off-Ramp to Kam Hwy (Exit 11) | On-ramp from Kam Hwy 10.527 mi. | Service Road O.P. | On-ramp from Kam Hwy | H-3/Kamehameha Hwy Separation | Overpass 10.966 mi. | Kam Hwy | Off-ramp 11.162 mi. | On-ramp "G" from Kam Hwy 10.989 mi. | Kapaa Quarry Separation #2 | Kapaa Quarry Separation #1 | Culverts | RTE H-3 | On-ramp K-2 Culverts | Off-Ramp K-1 (Exit 14) | Culverts Kailua Separation | Culverts | Ext. from Lookout | Culverts | On-Ramp M-2 | Culverts | Mokapu Separation & Off-Ramp M-3 (Exit 15) (N) | On-Ramp M-4 | Off-Ramp M-5 (Exit 15) (L) | Culvert

JOHN A. BURNS FREEWAY

Off-Ramp to Kam Hwy (Exit 11) | On-ramp "G" from Kam Hwy | Ext. from Lookout

Updated to 2014 videolog.
End Route - H3 @ sta. 745+66.36, 26' Northeast of centerline box culvert
15.316 mi.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type — SHOULDER MILLED RUMBLE STRIP (*)

Pavement: Width and Type

Shoulder: Width and Type — MEDIAN SHOULDER MILLED RUMBLE STRIP (*)

Median: Width and Type

Median Barriers: 32' Grass w/ 6' Conc Gutter | 2' Conc Barriers (32') | 32' Grass | 2' Conc Barriers | 2' Conc Barrier w/Glare Screen

Shoulder: Width and Type — MEDIAN SHOULDER MILLED RUMBLE STRIP (*)

Pavement: Width and Type

Shoulder: Width and Type — SHOULDER MILLED RUMBLE STRIP (*)

Number of Traffic Lanes: 4 - 12'

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

(Right Side) A-Accel D-Decel T-Taper M-Merge

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, 3=metal w/ metal rail, 4=metal on top of concrete barrier

Illumination: Type, Location and Number: LED | LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urbanized-Small (43669)

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

Speed: 1-Design, 2-Posted: 55 MPH | 45 MPH (2) | 35 MPH (2) | 45 MPH (2) | 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): P72 0000 0H41T | B72 0000 H3-12 | B72 0000 H3-14 | B72 000 H3-15 | B72 000 H3-16

HPMS Sections - AADT 2023: 25,700 | 17,666 | 10,053 | 8,882 | 14,090

HPMS Sections - AADT 2022: 25,800 | 18,100 | 10,300 | 9,100 | 14,386

HPMS Sections - AADT 2021: 25,800 | 36,800 | 10,500 | 9,800 | 14,800

DOD Sections

Census Tracts

Functional Classification: Interstate (1)

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

Previous Projects: Project No., Date and Limits

HWY-O-07-14M, Watershed, 2016 | IM-H3-1(80), Resurface, 2007 | IM-H3-1(77), Resurf., 2000 | IR-H3-1(55), Resurf., 1986 | IR-H3-1(56), Rehab., 1987 | I-H3-1(50), 1992 | 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(7):13 & I-H3-1(2):8, 1975 | I-H3-1(8):14 & I-H3-1(2):8, 1975 | (Windward Hwy.)

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.
June 06	D.B.
Dec. 07	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Jan. 20	E.P.J

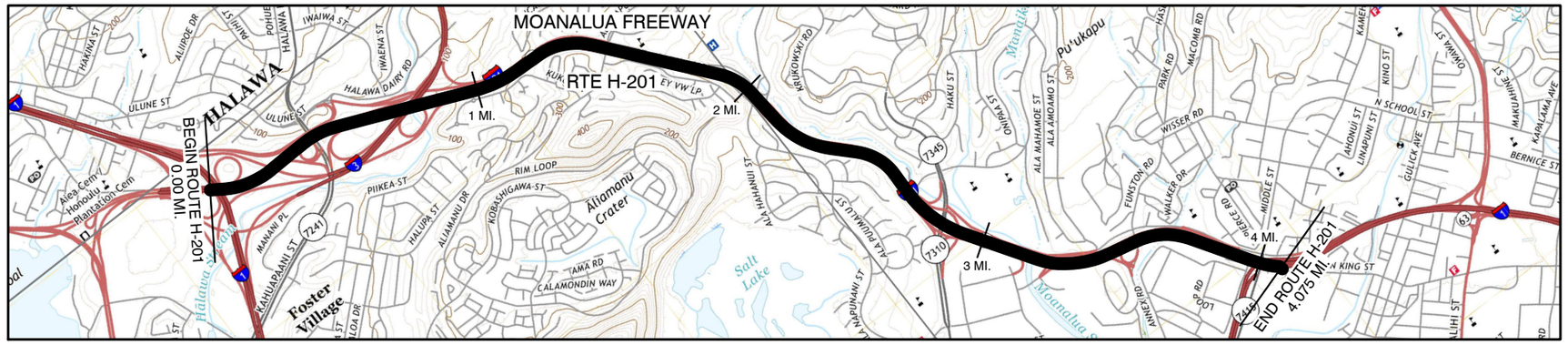
ROAD INVENTORY

OAHU RTE H-201
MOANALUA FREEWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 4.075 miles
a. Survey Length: 4.075 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.

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"

Structure Over Road

Vertical Clearance

Inb. 36' 6" — Outb. 36' 6"

Horizontal Clearance

64' — 68' — 52' — 40' — 52' — 33' — 36' 38"

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

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

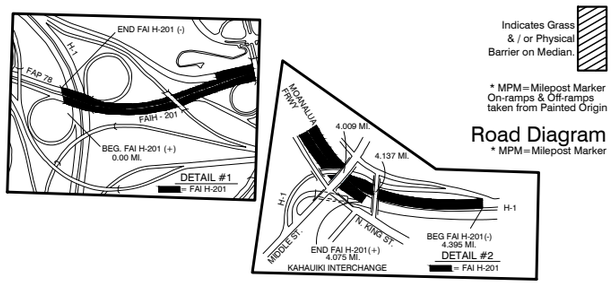
Right of Way Fence: Type - Right and Left: 8' FP; CL - 40' FP; CL - 15' FP; CL 50' FP

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: NH-H201(006), Lighting Improvements, 2024

Project No., Type of Construction, and Year Constructed: (STA 0.00) DPI-0203(1), Resurface 2005 | HWY-O-07-16, Drainage Improvements, 2021 (STA 12+35)



Road Diagram

* MPM=Milepost Marker

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

0.000 mi.

H-201 — MOANALUA FREEWAY — 3.262 mi.

Kahuapaani St. (Alt. 72-41) Off-Ramp to H-1 West Bound (See Detail #1) — Off-Ramp to Halawa Hts. Rd. — On-Ramp from Halawa Hts. Rd. — H-3 Bound — Off-Ramp to H-3 North Bound — On-Ramp from H-3 South Bound — On-Ramp from Halawa Hts. Rd. — On-Ramp from H-1 East Bound — Off-Ramp to Halawa Hts. Rd. — Off-Ramp to Ala Kapuna Rd. (Exit 2) — On-Ramp from Ala Kapuna Rd. — Ala Kapuna Rd. O.P. — "Lakeside Interchange" (Ala Ad/eri St. U.P.) — On-Ramp from Ala Ad/eri St. & S Frontage Rd. — Off-Ramp to Ala Ad/eri St. & Valley & North Frontage Rd. — On-Ramp from Ala Ad/eri St. & Puuloa Rd. — Off-Ramp to Puuloa Rd. (Rte 730 (N.) (R) — Puuloa Rd. O.P. — On-Ramp from Kaua St. — Moanalua Rd. West Bound — Moanalua Rd. O.P. — Off-Ramp "A" to Moanalua Rd. & Tripler Army Medical Center — Off-Ramp to Moanalua Rd. & King St. — Ramp from Kaua St. WB to Nimitz St. — Off-Ramp "B" to Moanalua Rd. & Puuloa Rd. — Ft. Shafter Sep. O.P. — Kahauiki Bridge On-Ramp from Middle St. — Structure A Middle St. Sep. O.P. — Off-Ramp to Middle St. & Collector-Distributor (Shafter Flats) — On-Ramp from Collector-Distributor (Shafter Flats) — Structure B Middle St. Sep. O.P.

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

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

END RTE H-201 (+) DIRECTION ON MOANALUA FREEWAY WHERE DIAGONAL WALL BECOMES HORIZON. JUST OUTSIDE THE OF THE H-1 TUNNEL UNDER KING ST. & MIDDLE ST. (SEE DETAIL #2).

H-1 Off-ramp — Obl. Lane O.P. — 4.137 mi. — 4.080 mi. — 4.075 mi.* — 4.396 mi.*

0.000 mi.	0.130 mi.	0.256 mi.	0.301 mi.	0.374 mi.	0.414 mi.	0.574 mi.	0.737 mi.	0.791 mi.	0.811 mi.	0.936 mi.	1.08 mi.	1.226 mi.	1.331 mi.	1.345 mi.	1.504 mi.	2.035 mi.	2.22 mi.	2.277 mi.	2.359 mi.	2.86 mi.	2.885 mi.	2.861 mi.	2.923 mi.	2.99 mi.	3.150 mi.	3.182 mi.	3.269 mi.	3.327 mi.	3.369 mi.	3.56 mi.	3.66 mi.	3.890 mi.	3.857 mi.	3.96 mi.	4.019 mi.	4.072 mi.
1B	Off-Ramp to Halawa Hts Rd.	On-Ramp from Halawa Hts. Rd.	1 MPM	2 MPM	3 MPM	4 MPM	4.83 MPM																														

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type
Median: Width and Type
Median Barriers: —— = Conc. Barriers

10' PCC .008 — 10' AC .737 — 4' AC .812 — 4' AC 1.90 — 6' AC 3.08 — 4' AC
24' PCC .30 — 24' AC .57 — 20' AC .63 — 50' AC .02 — 40' AC .02 — 31' AC
12' PCC — 10'-12' AC — 4' AC — 2' PCC — 4' AC 1.27 — 8' AC 1.48 — 6' AC — (8' Twin Conc. Barriers with Dirt Fill & Shrubs) — 6' AC — 4' AC
8' Twin Conc. Barrier with Dirt Fill & Shrubs. .417 — 2' Conc. Barrier — 8' Twin Conc. Barrier with Dirt Fill & Shrubs .549 — 2' Conc. Barrier .269 — 2' Conc. Barrier

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

8' PCC — 10'-12' AC — 12' PCC — 10'-12' AC .503 — 8'-10' AC .196 — 4'-6' AC .58 — 6'-8' AC .96 — 4 AC
24' PCC .248 — 36' AC — 36' PCC — 36' AC — 36' AC — 31' AC
8' PCC .008 — 10' AC .737 — 10' PCC .811 — 10' AC 1.48 — 6' AC 1.80 — 10' AC 3.08 — 8' AC .37 — 10' AC .82 — 3.96 — 2' AC

Number of Traffic Lanes: 2-12' .39 — 5-10' .626 — 4-10' .02 — (2-10',1-11')

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) A-Accel D-Decel T-Taper M-Merge: 2-12' .33 — 3-12' — 3-12' — 3-12' — 2-12' Decel — 1-12' Accel — 1-12' Accel — 1-12' Decel — 1-11' .99 — 1-12' Decel — (2-10',1-11')

(Right Side) A-Accel D-Decel T-Taper M-Merge: (1-12' Accel, Decel) — 1-12' Accel — 1-12' — 1-12' — 2-12' Decel — 1-12' A — 1-12' — 1-12' A — 1-12' Decel

Frontage Road: No. of Lanes, and Width (Right and Left): 2-12' — 2-12' — 2-12' — 2-12' — 3.07 — 3.31

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): (AC Gutter) — AC Gutter — (CB) — (Conc. Curb & Gutter) — (AC Gutter) — (Conc. Wall)

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

Illumination: Type, Location and Number: LED — LED

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

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

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urbanized-Large (39889)

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

Speed: 1-Design, 2-Posted: 50 MPH (2) — (45 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): P72 0000 00C6U — B72 00 H201-1Z — B72 00 H201-1X — B72 000 H201-2 — B72 00 H201-2Y — P72 0000 00C4K — B72 000 H201-4

HPMS Sections - AADT 2023: 49,700 — 115,189 — 161,600 — 120,516 — 122,110 — 110,500 — 114,938

HPMS Sections - AADT 2022: 50,300 — 75,377 — 130,637 — 117,612 — 119,167 — 110,200 — 112,169

HPMS Sections - AADT 2021: 48,100 — 72,080 — 143,000 — 121,000 — 122,600 — 106,400 — 115,400

DOD Sections: DOD 225 — DOD 230 — DOD 235

Census Tracts: 75.03 — 75.02 — 67.02 — 67.01 — 66 — 75.01 — 68.01 — 68.03

Functional Classification: Interstate (1)

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

Previous Projects: Project No., Date and Limits:
0.83 I-H3-1(75), Unit 2, 1998, H3 Finish — 1.48 — 1.50 STP-H201(3) Frntg. Rds. Resurface, 1999 — 2.04 — (7310A-01-88M (R) 1988 — 3.11 — 3.24 — 3.82 — (I-H1-1(187), Imprv. Outb. Lanes, 1985)
78A-01-91M, 1993, Resurface Outbound Lanes — 3.12 — IM-H201, 1995 Resurface — 4.01 — (IR-H1-1(214) Resurf, 1992)
78A-01-90M(R), Inb. Lanes, 1990 — (TQF-F-078-1(18) 1981 New Constr.) — 3.10 — 3.57 TQF-F-078-1(21) 1984 New Const.
F-FR-078-1(25) Resurf, 1985 — 3.18 (F-FF-078-1(16), 1979) — (I-H1-1(178) Imprv., 1984)
3.09 F-FF-078-1(17), 1979 Eastbound Collector Rd. — 3.80 — 3.99 — (I-H1-1(29);18, 1964)
I-H1-1(88);13, 1971,75 — 0.36 — I-H1-1(89);13, 1971,74 — 1.13 — F-078-1(11) 1973 — 1.71 — F-078-1(7) 1973, 1975 — 2.55 — F-078-1(10) 1971, 1975 — 3.07 — 3.16 — S-0720(1), Unit 2 1958 — 3.72 — US-6-0720(3) 3.96 Unit3, 1960 — BU-072-1(2), 1960 — 4.26

SCALE: (In Miles) 4" = 1 mile

Date Released
Feb 2004, D.B.

Revised	
Aug. 04	D.B.
June 06	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	EPJ

ROAD INVENTORY
OAHU RTE 61
PALI HIGHWAY

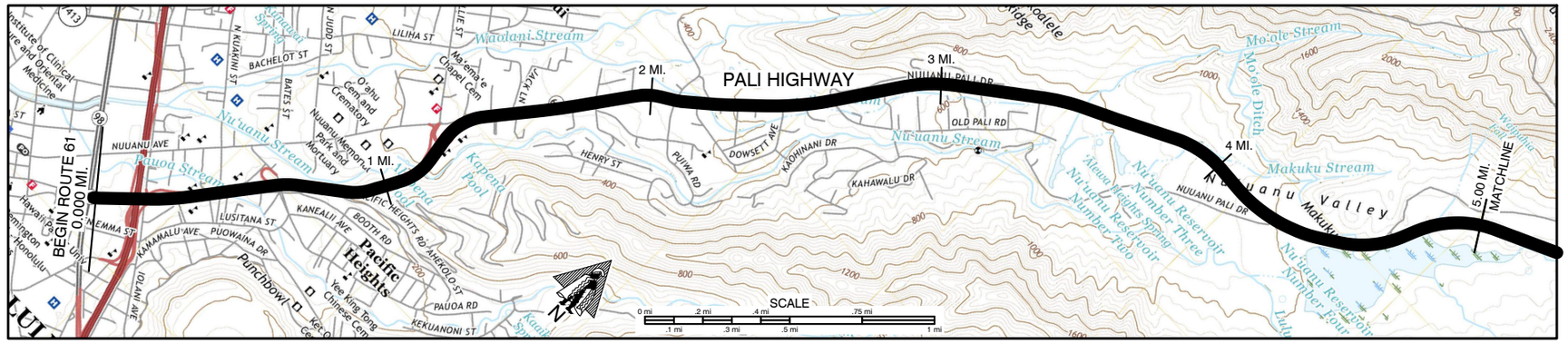
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	10.586	MILES (a+b)
a. Existing Length:	10.586	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	10.586	MILES (a+b, less c)
a. Existing Length:	10.586	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	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: 28' | 16' 6" | 50' | 50' | 76' | 26' | 70'

Structure Over Road

Vertical Clearance: 36' | 17' 4" | 36'

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

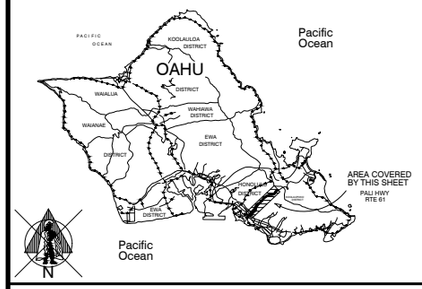
Right of Way Fence: Type - Right and Left: Chainlink 8' from Pvmt. | Stonewall 10' from Pvmt. | Stonewall | 20' from Pvmt. | Chainlink 20'-40' from Pvmt.

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: (HWY-O-04-04, Imp., 2007) | NH-061-1(035) Lighting Replacement, 2022 | NH-061-1(035) Lighting Replacement & Resurfacing, 2022

Project No., Type of Construction, and Year Constructed: 61A-01-01 Safety Imprv. 2003 | HSIP-0300(121), Guardrail and Shoulder Imp., 2018



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

0.000 mi.

0 MPM

H-1 Off-Ramp to Pali Hwy. | Ramp O.P. to H-1 (H-1 U.P.) | School St. Pedestrian O.P. | Off-Ramp (L) to H-1 & Punchbowl St. 0.305 mi. | Punchbowl St. Pedestrian O.P. | Kaulia St. Bridge | Funchal St. Pedestrian O.P. | Pauoa Rd. U.P. | Pauoa Rd. Off-ramp to Pauoa Rd. | On Ramp from Pauoa Rd. | Lookout Exit Partial Br. | Lookout Entrance | On Ramp from Wyllie IC Nuuanu Br. | Wyllie St. O.P. | Oahu Cemetery Nuuanu Ave. | Oceiho Way | Nioloipa Pl. | Jack Ln. | Moanawai Pl. | Ahi Pl. | Ent. to School Road (R) Ahipuu St. | Country Club Rd. | Puiwa Rd. | Hinalo Pl. | Puiehuhu Way | Speed Table Dowsett Ave. | Wood St. | Homelani Pl. | Speed Table Dowsett Ave. | Old Pali Hwy. | Waokanaka St. | Culvert | Nuuanu Pali Dr. | Old Pali Rd.

PALI HIGHWAY

2 MPM | 3 MPM | 3.5 MPM | 4 MPM | 4.5 MPM

Off-Ramp (R) from Punchbowl St. 0.316 mi. | Pacific Heights Rd. 0.457 mi. | On-Ramp from Kaulia St. 0.442 mi. | On-Ramp from Wyllie St. 1.360 mi. | Off-Ramp to Wyllie St. 1.260 mi. | Akahi Pl. | Lalani Pl. | Akamu Pl. | Puiwa Rd. | Nuuanu Pali Dr.

0.000 mi. | 0.185 mi. | 0.182 mi. | 0.136 mi. | 0.503 mi. | 0.457 mi. | 0.442 mi. | 0.385 mi. | 0.637 mi. | 0.607 mi. | 0.805 mi. | 0.868 mi. | 0.942 mi. | 0.997 mi. | 1.054 mi. | 1.131 mi. | 1.176 mi. | 1.245 mi. | 1.373 mi. | 1.358 mi. | 1.461 mi. | 1.545 mi. | 1.737 mi. | 1.820 mi. | 1.945 mi. | 2.016 mi. | 2.008 mi. | 2.101 mi. | 2.173 mi. | 2.206 mi. | 2.182 mi. | 2.255 mi. | 2.208 mi. | 2.312 mi. | 2.374 mi. | 2.462 mi. | 2.471 mi. | 2.557 mi. | 2.631 mi. | 3.050 mi. | 3.490 mi. | 3.486 mi. | 4.033 mi. | 4.277 mi. | 4.490 mi. | 4.713 mi. | 4.674 mi.

5.000 mi.

CONTINUED ON SHEET #2

Divided Highway

	0	1	2	3	4	5
Undivided: Shoulder: Width and Type		0'-2' AC	4'-6' AC	0'-2' AC	4'-6' AC	8'-10' AC / 4'-6' AC
Undivided: Pavement: Width and Type		24' AC	36' AC	32' AC	24' AC	
Undivided: Shoulder: Width and Type		0'-2' AC	4' Raised AC w/ Curb)	(4' Conc. w/ Curb) (4'-13' Raised Grs.)	6' AC	1'-2' AC / 3' AC
Median: Width and Type	12'-24' Raised Grass	12'-24' Raised Grass	4'-16' Raised Grass	12'-24' Raised Grass	2' Barrier / 6'-38' Grass	4' Barrier
Median Barriers: Legend: ═ Conc. Barrier ═ M/M Guard Rail ═ Chain Link Fence			4-14 Raised Grs. (4' Raised Conc. w/ Curb)			
Undivided: Shoulder: Width and Type		1'-2' AC		9' AC	2' AC / 0'	2'-4' AC
Undivided: Pavement: Width and Type		36' AC / 24' AC	36' AC	32' AC / 33' AC	22' AC, 10' PCC	32' AC / 24' AC
Undivided: 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' (R) | 2-12' | 4-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' T.L. | 10' Decel. Ln. | 10' T.L.

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 7'-10' Conc. | 8'-9' Conc. | 5' Concrete | 5' Concrete | 2' Concrete | 6' Concrete | 3' Grass | 4' Concrete | 6' Conc.

Curb and/or Gutter: Type (Right and Left): Conc. Curb, AC Gutter | MCC | MCC | MCC | MCC | Conc. Curb, AC Gutter | Conc. Curb, AC Gutter | Conc. Curb & Gutter | Conc. Curb | AC & Conc. Curb | Conc. Curb

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CW=Concrete Wall MCB=Metal on top of Concrete Barrier. RW=Rock Wall. CB=Concrete Barrier

Illumination: Type, Location and Number: MV | LED, 70CRI @ 4000K

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urbanized-Large (39889)

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

Speed: 1-Design, 2-Posted: 25 MPH (2) Not Posted | 30 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 Stations (Current Year): B72 0061 00000 | B72 0061 00018 | B72 0061 00032 | B72 0061 00080 | B72 0061 00137 | B72 0061 00194 | P72000000323

HPMS Sections - AADT 2023: 19,461 | 25,249 | 21,570 | 44,820 | 44,720 | 39,184 | 35,700

HPMS Sections - AADT 2022: 19,500 | 25,300 | 20,485 | 43,740 | 43,643 | 36,182 | 34,600

HPMS Sections - AADT 2021: 19,000 | 26,100 | 20,311 | 45,000 | 44,800 | 43,400 | 34,200

DOD Sections

Census Tracts

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

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

Previous Projects: Project No., Date and Limits:
STP-061-1(30) Resurface 1994 | STP-064-1(34) IMP. 2001 | 61A-01-97M, (R) 1999 | (61B-01-98, 2000) | 61A-01-97M, (R) 1999 | STP-061-1(31), Sidewalk 1996 | 61A-01-97M, (R) 1999 | NH-061-1(28), Street Lights, 1994
STP-061-1(30) Resurface 1994 | F-061-1(23), Improv., 1989 | 61ABC-01-90M (R) 1991
FR-061-1(24),1981 (R) | 61B-01-85M (R) 1985 | U-061-1(4), 1959 | U7-061(2), 1957 | FR-061-1(24), 1981 (R) | 61B-01-81M (R) 1982 | 61BD-01-82M (R) 1983
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 | U 33 (2), 1955,56 | 61B-01-68 1968 | BF-BU-061-1(2), 1957 | S-216 (4), 1954

11+80 | 34+96.47 | 85+60.09 | 84+90 | 106+50 | 122+18.52 | -1+00 | 29+62.4 | 6+00 | 109+50 | 41+98.64

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 2002,	D.B.
Revised	
Mar. 03	D.B.
Aug. 04	D.B.
June. 06	D.B.
Dec. 07	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

OAHU RTE 61

PALI HWY. - KALANIANAOLE HWY. - KAILUA RD.

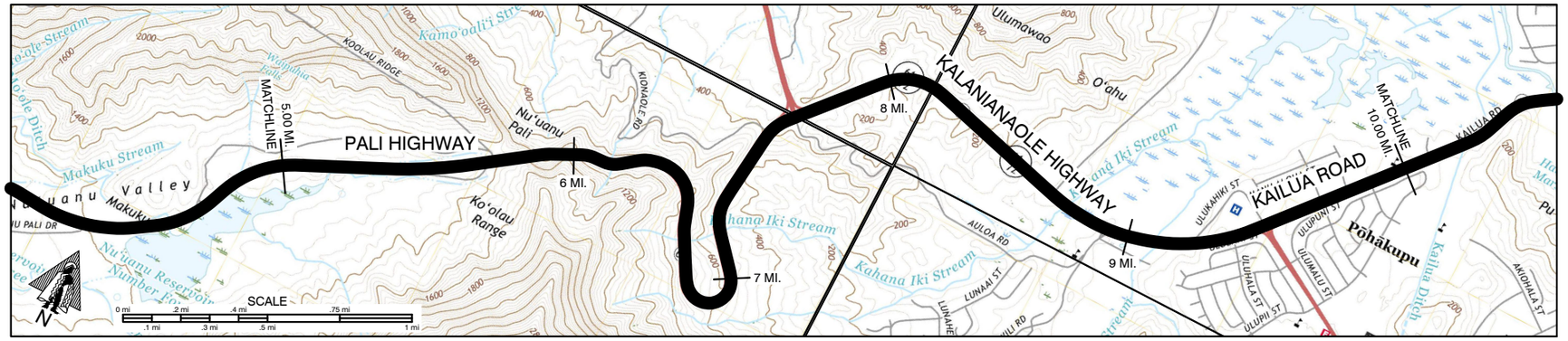
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	10.586	MILES (a+b)
a. Existing Length:	10.586	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	10.586	MILES (a+b, less c)
a. Existing Length:	10.586	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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.) | End 61 B at End of Tunnel #2 6.04 | 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	12 TBM, HS-20, 1956	1000'
10 OTH, Tunnel, 1959	13 TBM, HS-20, 1956	1080'
11 TBM, HS-20, 1956	14 OTH, Tunnel, 1957	500'
	15 OTH, Tunnel, 1961	497'

1 (4A) 114' TBM, HS-20, 1961		
2 (4) 400', CBG, HS-20, 1956		
3 (4B) 131', CBG, HS-20, 1956		
4 (5) 330', CBG, HS-20, 1956		
5 (4C) 74', CF, HS-20, 1961		
6 (6) 194', Slab, HS-20, 1956		
7 (5A) 206', CBG, HS-20, 1961		
8 (7) 301', CBG, HS-20, 1956		
9 (7A) 129', CBG, HS-20, 1961		
10 (8) 373', TBM, HS-20, 1956		
11 (8A) 178', CBG, HS-20, 1961		

TBM, H20, 1951 — 104' — TBM, H20, 1951 — 122'

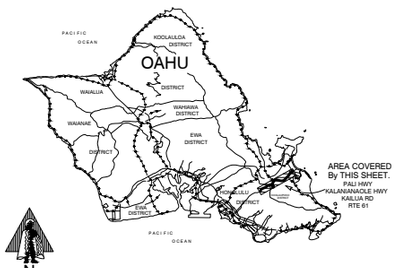
Structure Carrying Road — Vertical Clearance: 32' — 31'

Structure Over Road — Horizontal Clearance: 24' — 25' — 24'

Structure Over Road — Vertical Clearance: 16' — 16' 03" — 16' 05" — 16' 10"

Structure Over Road — Horizontal Clearance: 24' — 24' — 24' — 24'

Right of Way Width (min.-max.) if varies	200' - 650'	160' - 580'	180' - 370'	190' - 470'	130' - 320'	120' - 200'
Available Right of Way Width (Needs Study)						
Right of Way Fence: Type - Right and Left	Trees and Bushes					Residential
	(20'-40' from Pvmt.) Chain Link	(Chain Link 5' from Pvmt.)	(Stone Wall 5' from Pvmt.)	(Anchor Wire Mesh 10' from Pvmt.)	(Stone Wall 20'-30' from Pvmt.)	(Tile Wall 20' from Pvmt.) (Various)
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-061-1(035), Lighting Replacement & Rsurfacing, 2022			(HWY-O-04-07M, Slope Maintenance, 2008)		HWY-O-03-09M, Median Imprv., 2010
Project No., Type of Construction, and Year Constructed	HSIP-0300(121), Guardrail and Shoulder Imp., 2018		(HWY-O-07-14M, Watershed, 2016)	61C-01-05M, Resurface, 2006		STP-061-1(33), Shldr. 2000



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

CONTINUED FROM SHEET #1 — 5.000 mi.

Old Pali Rd. | Old Pali Rd. | Begin Tunnel #1 (R) Telem. Sta. 323 | Begin Tunnel #1 (R) End Tunnel #2 (R) 3 Bridges between Tunnels (Inbound only) | Begin Tunnel #2 (R) | Bridge #4A 6.115 mi. | Bridge #4B 6.122 mi. | Bridge #5 6.213 mi. | Bridge #5A 6.215 mi. | Bridge #6 6.269 mi. | Bridge #7 6.288 mi. | Bridge #7A 6.311 mi. | Bridge #8 6.385 mi. | Bridge #8A 6.378 mi. | Runaway Truck Lane | St. Steven's Seminary | Lookout Ent. | Lookout Exit | Runaway Truck Ramp | Old Pali Rd. | Kam Hwy (Rte 83) (L) | Auloa Rd. | Kaneohe Bay Drive | Kaneohe Bay Drive | Kaneohe Bay Drive

ROAD INVENTORY
OAHU RTE 61
KAILUA ROAD

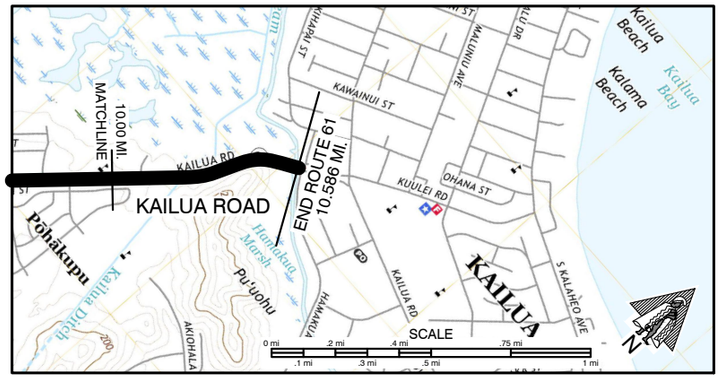
STATE OF HAWAII
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FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	10.586	MILES (a+b)
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Total Travel Way Length:	10.586	MILES (a+b, less c)
a. Existing Length:	10.586	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

61 D (1.10 mi.) | End 61 D Same as End Route.

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed — 57' Slab, H15, 1940; 54' Slab, H15, 1940

Vertical Clearance

Horizontal Clearance — 25'; 25'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies — 100'-200'

Available Right of Way Width (Needs Study) — Residential

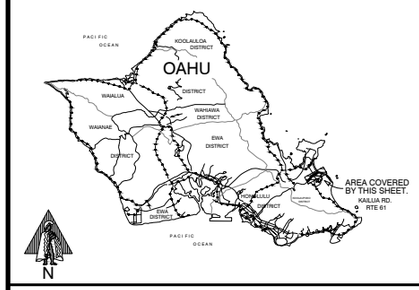
Right of Way Fence: Type - Right and Left — Various 20' PP | .10 | (Cable Net System) 10.29 | 10.38 | 10.53 (Anchored Wire Mesh)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — State 364+20

Project No., Type of Construction, and Year Constructed — HWY-O-03-09M, Median Imprv., 2010 (363+51.10)

Project No., Type of Construction, and Year Constructed — (344+00) | C | S | 61D-02-06, Landslide Mitigation, 2007 | 10.586



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

CONTINUED FROM SHEET #2 — 10.000 mi.

Hanale Pl. | Private Rd. | Kawainui Br.

KAILUA RD. — 10.100 mi. | 10.207 mi. | 10.577 mi. | 10.586 mi.

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

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type — 9.50 mi. - 10.60 mi. (5' Bike Lane Included In Shoulder Width) — 7' AC | 10.07 | 10' AC

Pavement: Width and Type — 22' AC

Shoulder: Width and Type — 0'-2' AC

Median: Width and Type — 10'-18' Raised Grass | 10.240 | 18'-24' Raised Grass | 9.960 | (4'-18' Raised Grass)

Median Barriers:

Shoulder: Width and Type — 0'-2' AC

Pavement: Width and Type — 22' AC

Shoulder: Width and Type — 9.50 mi. - 10.60 mi. (5' Bike Lane Included In Shoulder Width) — 4'-5' AC | 10.24 | 1.5' AC | 10.06 | (4'-5' AC)

Number of Traffic Lanes — 4-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — .037 U-Turn Only | .207 U-Turn Only | .360 U-Turn Only

(Right Side)

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

Sidewalk: Width and Type (Right and Left) — 2 AC | .070 | .577 | .516 | (3' Concrete); 6' Concrete | 6.5' Conc.

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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts — .100 | .142 | .207 | .317 | .332 | .486

Illumination: Type, Location and Number — LED

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — A | .247 | B | .323 | A | .386 | C | .320 | A

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45) — BC | .326 | B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Urbanized-Small (43669)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous — Rolling (2) | 10.207 | Rolling (2) / Mountainous (3) | 10.577 | (Rolling (2))

Speed: 1-Design, 2-Posted — 35 MPH (2) | .508 | .413 | 25 MPH (2) | (Not Posted)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — B72 0061 00989

HPMS Section - AADT 2023 — 23,400 — 586

HPMS Section - AADT 2022 — 27,600

HPMS Section - AADT 2021 — 29,100

DOD Sections — DOD 505 — (Note: DOD 505 Continues for 1.47mi. on Kailua Rd. & Oneawa St. End DOD 505 at Intersection of Oneawa St. and Mokapu Blvd.)

Census Tracts

Functional Classification — Principal Arterial (3)

National Highway System (NHS) — On NHS (1) (982+02.47)

Previous Projects: Project No., Date and Limits — (344+95.73) | 10.24 | 10.06 | (61D-01-06, Temporary Lanes for Landslide, 2006)

STP-061-1(33), Shldr. Imprv. 2000

61 CD-01-92(M), 1993

61 BC-01-77(M), 1978 (R)

S-230 (2) 1950

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 2002,	D.B.

Revised	
Mar 03	D.B.
June 06	D.B.
Mar. 07	D.B.
Dec. 07	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

OAHU RTE 63

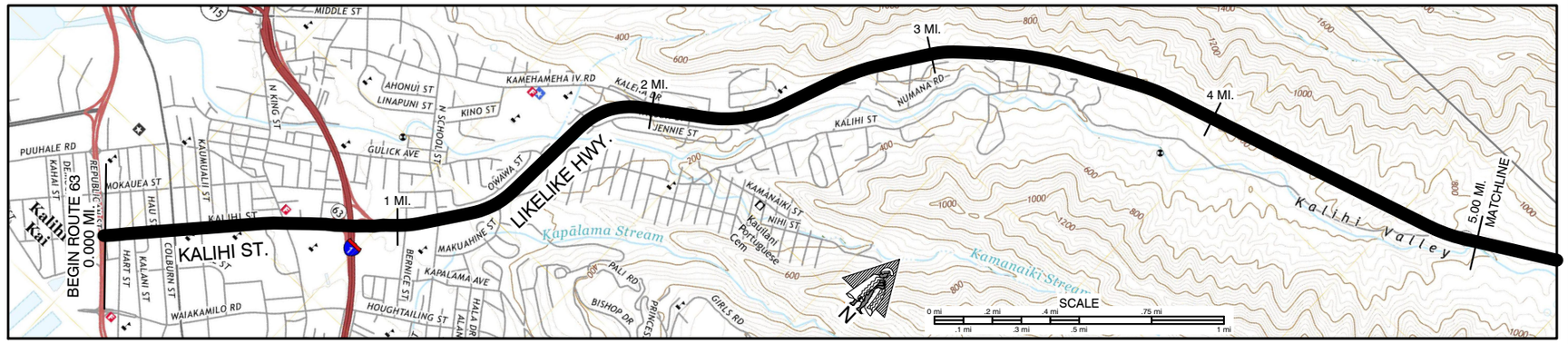
KALIHI ST. AND LIKELIKE HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 8.299 miles
a. Survey Length: 8.299 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Begin 63A on Kalihi St. 9' North of E.P. of Nimitz Hwy — 63A (8.28 mi.)

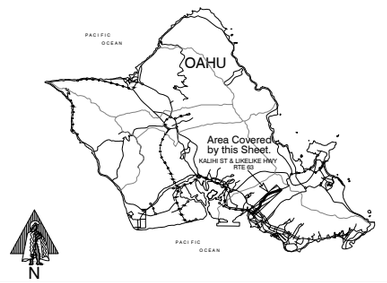
Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed — 42' Rdg Frame H-20, S16, 1960 | 145'-150' Rdg. Frame H 20 S16 1980 | 203' Deck Girder HS-20-44, 1959 | TBM 1960 | P/CB 1959
- Vertical Clearance
- Horizontal Clearance — 18' | 28' (INB) ; 32' (OUTB) | 37' (INB) 28' (OUTB)

Structure Over Road

- Vertical Clearance — 15'-9" | 18'
- Horizontal Clearance — 49' | 34'

- Right of Way Width (min.-max.) if varies — 50' - 100' | 120' - 300' | 120' - 400'
- Available Right of Way Width (Needs Study) — Commercial / Residential | Mountainous (Banana Patches & Forest Reserve)
- Right of Way Fence: Type - Right and Left (FP=From Pavement) — None | Partial
- 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 — (63A-01-86M (R) 1987) STP-063-1(024) Resurf. 2020 | NH-063-1(023) Resurf. 2020 | CM-STP-063-1(21), Resurf., 2003
- Project No., Type of Construction, and Year Constructed — 63A-02-89 (Impv.) 1992 | STP-063-1(20) (R) 1997 | NH-063-1(19) Resurf. 1997 | 63A-01-86M (R) 1987



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

0.000 mi. — KALIHI ST. — LIKELIKE HIGHWAY — 5.000 mi.

CONTINUED ON SHEET 2

SCALE: (In Miles) 4" = 1 mile

Divided Highway

- Undivided — Shoulder: Width and Type — 0 | 2' AC | 2' AC / 4' Conc. | 2' AC | 4'-6" AC
- Undivided — Pavement: Width and Type — 36' AC | 40' AC | 44' AC | 40' AC | 32' AC | 12' AC | 36' AC | 48' AC | 33' AC | 22' AC | 24' AC
- Undivided — Shoulder: Width and Type — 0 | 0 | 2' AC | (Raised Grass) | (Raised AC) | 4'-6" AC (Raised AC) | 5' AC
- Median: Width and Type — 0'-11' Paint | 0'-9' Paint | 9'-42' Raised Grass | 12'-21' Raised Grass | 4'-18' Raised Grass | 2' | 6'-18' | 0'-12' | 0'-12' | 4' Guardrail | 0'-9' | Conc. Barrier | 2' Guardrail | 1' AC Curb | 2' Concrete Barriers
- Median Barriers: =Chain Link =Guardrail =2' Concrete Barrier w/ Glare Screen
- Shoulder: Width and Type — 0.95 | 1.01—(2' Conc. Gutter) | 2' AC | 4'-6" AC | 5' AC
- Pavement: Width and Type — (12' AC) 14' AC | 24' AC | 36' AC | 24' AC
- Shoulder: Width and Type — 0.83 0.86 | (1-14' 1-10') | 2' AC | 4'-6" AC | 2' AC / 2' Grass | 4'-6" AC

- Number of Traffic Lanes — 2-10' 2-8' | 4-10' | 2-10' 2-10 | 1-12' 1-12 | 1-14' 2-12' | 3-12' 3-12' | 4-12' | 3-11' | 2-11' 2-11 | 2-12' | 2-12' | 2-11'
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 11' TL
- (Right Side) — 10' | 12' | 12' | 10' | 14' | 10'
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left) — 10'-15' | 10' Concrete | 6' Conc. | 4' Conc. | 3'-6' AC | 6' Concrete
- Curb and/or Gutter: Type (Right and Left) (M.C.C.=Mountable Concrete Curb) — 2' Conc. C.&G. | Conc. Curb | Conc. Gutter | AC Curb | AC Gutter | MCC | (2' Conc. G.)
- Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. CW=Concrete Wall MCB=Metal on top of Concrete Barrier CB=Concrete Barrier) — MCB | (MCB)—633 | CW | CB
- Illumination: Type, Location and Number — LED | LED | LED
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — AC | A | BAB | A | A | C | A | B | A
- Superelevation (Range)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45) — B | C | B | C | B | C | B | C | D | C | B | C | D | E | D
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: — Urbanized-Large (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous — Flat (1) | Rolling (2)
- Speed: 1-Design, 2-Posted — 25 MPH (2) | 35 MPH (2) | 45 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing — 4 Phase | 2 Phase | 2 Phase | 2 Phase | 3 Phase | 2 Phase
- Traffic Stations (Current Year) — B72 0063 00005 | B72 0063 00042 | B72 0063 00067 | B72 0063 00095 | B72 0063 00115 | P72 0063 00130 | B72 0063 00214 | P72 0000 00023
- HPMS Sections - AADT 2023 — 10,900 | 9,000 | 16,168 | 50,898 | 34,331 | 37,100 | 26,647 | 31,038
- HPMS Sections - AADT 2022 — 10,498 | 11,800 | 16,200 | 51,000 | 34,400 | 38,500 | 26,700 | 31,100
- HPMS Sections - AADT 2021 — 10,800 | 11,800 | 19,500 | 49,140 | 24,804 | 37,100 | 32,573 | 29,700
- DOD Sections — DOD 475 | DOD 480
- Census Tracts
- Functional Classification — Minor Arterial (4) | Principal Arterial (3) | Freeway & Expressway (Connecting Link) (2)
- National Highway System (NHS) — Not on NHS (0) | On NHS (1)
- Previous Projects: Project No., Date and Limits — (63A-01-88 (Sidewalks) 1991) | 63A-01-86M (R) 1987 | F-063-1(17) (Add Lanes) 1986 | F-063-1(16) (Add Lanes) 1986 | 63A-01-86M (R) 1987 | 63A-03-76M (Resurface) 1976 | 63A-01-79M (Resurface) 1976 | 63A-02-68, 1970 | 63A-01-67 (R), 1967 | 63A-08-70 (Resurface) 1970 | 63A-01-74, 1974 | US-0630(2), 1958 | US-S-0630(1), 1956 | S-0630-(3), 1958

SCALE: (In Miles) 4" = 1 mile

Date Released
Feb. 2001, D.B.

Revised	
Mar. 04	D.B.
June 06	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	B.F.

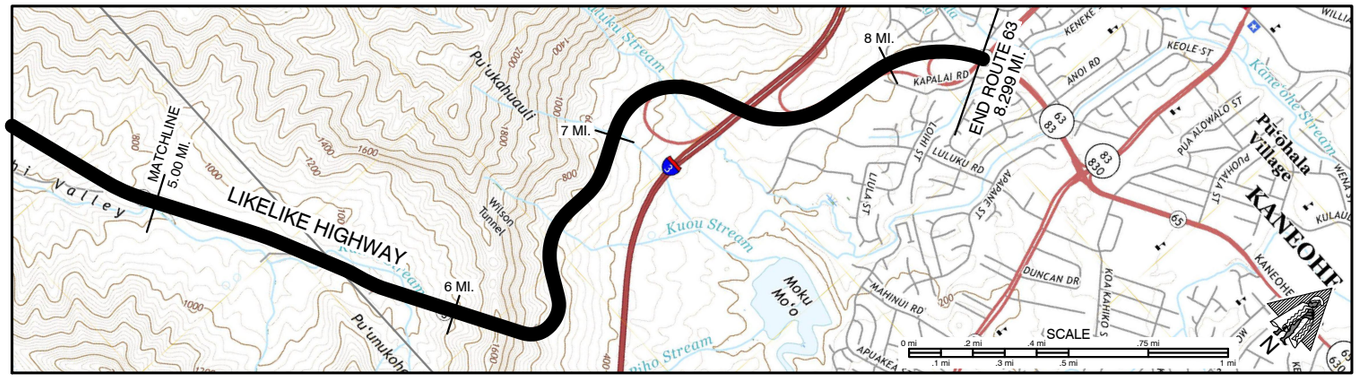
ROAD INVENTORY
OAHU RTE 63
LIKELIKE HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 8.299 miles
a. Survey Length: 8.299 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

Vertical Clearance
Horizontal Clearance
- 69'

Structure Over Road

Vertical Clearance
- 14' 9" (N.B.)
- 15' 6" (S.B.)

Horizontal Clearance
- 24' (S.B.)
- 24' (N.B.)

Right of Way Width (min.-max.) if varies
- 120' - 400' (5.93)
- 160' (6.94)
- 120' (7.30)
- 150' - 180'

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

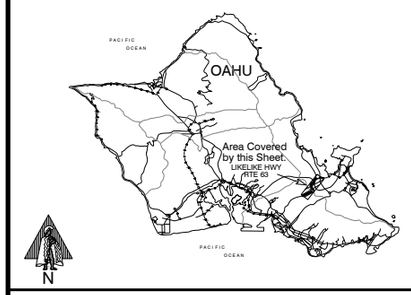
Right of Way Fence: Type - Right and Left
- 7.46 (Chainlink) 7.52
- 7.95 Chainlink 8.27

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

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

Project No., Type of Construction, and Year Constructed
- STP-063-1(22), Wilson Tunnel Imp., 2006 (I.B.) (6.33) (O.B.)
- HWY-O-06M, Resurf., 2007
- 53+70

Project No., Type of Construction, and Year Constructed
- CM-STP-063-1(21), Resurf., 2003 (6.75)
- 2+40
- 63A-01-89M, (R) 1990



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 1 — 5.000 mi.

Rd. to Water Reserve (5.563) | Begin Wilson Tunnel (5.739) | Tunnel ECBs 5.77 5.82 5.87 5.93 5.97 6.02 6.06 6.11 6.16 6.21 mi. | End Wilson Tunnel (6.266) | On-Ramp from H-3 (7.027) | H-3 Overpasses (7.239) | Emergency Escape Ramp (7.485 7.476) | Off Ramp to H-3 On Ramp to Kahekili Hwy (7.692) | Off-Ramp from Kahekili Hwy (7.825) | On-Ramp from Kahekili Hwy (7.892) | 8.199 8.177 mi. | 8.299 mi.

LIKELIKE HIGHWAY

Tunnel ECBs 5.76 MPM 5.721 mi. 5.82 5.87 5.92 5.96 6.01 6.05 6.09 6.14 6.18 6.23 mi.
6.29 MPM 6.273 mi.
7 MPM
8 MPM

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE: 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 (5.73)
- 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
- 0
- 2'-4' AC (6.92)
- 4'-6' AC (7.33)
- 8'-10' AC

Divided Highway — Divided

Median: Width and Type
- 2' Concrete Barriers
- 4'-55' Grass
- Tunnels
- 0'-40' Grass (.355)
- 2' Guardrail (.989)
- 2' Concrete Barrier

Median Barriers: (.564) (.677) (.708) (.319)
- = Guardrail
- = Concrete Barrier

Shoulder: Width and Type
- 4'-6' AC (5.73)
- 0 (6.28)
- (.989)
- 4'-6' AC (7.33)
- 8'-10' AC

Pavement: Width and Type
- 24' AC
- 24' PCC (6.33)
- 24' AC (7.23)
- (7.82) (8.18) 36' AC

Shoulder: Width and Type
- 8'-10' AC (5.57)
- 6'-8' AC (5.79)
- 0 (6.35)
- (6.53) (7.02)
- 8'-10' AC

Number of Traffic Lanes
- 2-11' 2-12' (5.98)
- 4-12' (7.23)
- 2-12' 3-12' (7.52)
- (8.18) 2-12' 3-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (.366) (.777)

(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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CW=Concrete Wall CB=Concrete Barrier

Illumination: Type, Location and Number
- LED (5.55) (5.44)
- LED
- 7 LED
- LED (L)&(R)

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- A (5.626) C A B (5.778)
- A (6.216)
- D (.437)
- A (6.541) (6.554) (6.599) (6.628) (6.664) (6.739)
- A (6.773)
- B (6.905)
- A (7.001)
- B (7.371)
- A (7.496)
- B (7.785)
- A

Superelevation (Range)
- (5.626) (5.692) (5.694)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- D (.073) C (.437) B (.714) D (.696) C (.762) D (1.78) C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Urbanized-Large (39889) (6.266)
- Urbanized-Small (43669)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous
- Rolling (2) (5.550)
- Mountainous (3) (7.70)
- Rolling (2)

Speed: 1-Design, 2-Posted
- 45 MPH (2) (5.51)
- 35 MPH (2) (.435) (.431)
- 45 MPH (2) (8.231)
- (35 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
- P72000000023
- B72 0063 00724
- B72 0063 00818

HPMS Sections - AADT 2023
- 31,038
- 48,902
- 34,194

HPMS Sections - AADT 2022
- 31,100
- (7.24)
- 49,000
- (7.82)
- 32,474

HPMS Sections - AADT 2021
- 29,700
- 48,578
- 32,198

DOD Sections
- DOD 480
- (8.299)

Census Tracts

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

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

Previous Projects: Project No., Date and Limits
- 63A-01-89M, (R) 1990
- 63A-03-76M, (R) 1976 (5.35)
- (6.34) 63A-03-76M (Resurface) 1976
- (7.33) FR-0300(11) (Resurface) 1981
- 5.21 I-63A-08-70, (R) 1970) (6.32) (6.35) 63A-03-68, 1968 (7.30) U.S.-3-0630(4), 1955
- S-0630-1(3), 1958 (5.35) County Job #28-53

SCALE: (In Miles) 4" = 1 mile

Date Released
Feb. 2001, D.B.

Revised	
Apr .04	D.B.
June 06	D.B.
Mar. 07	D.B.
Dec. 07	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

OAHU RTE 64

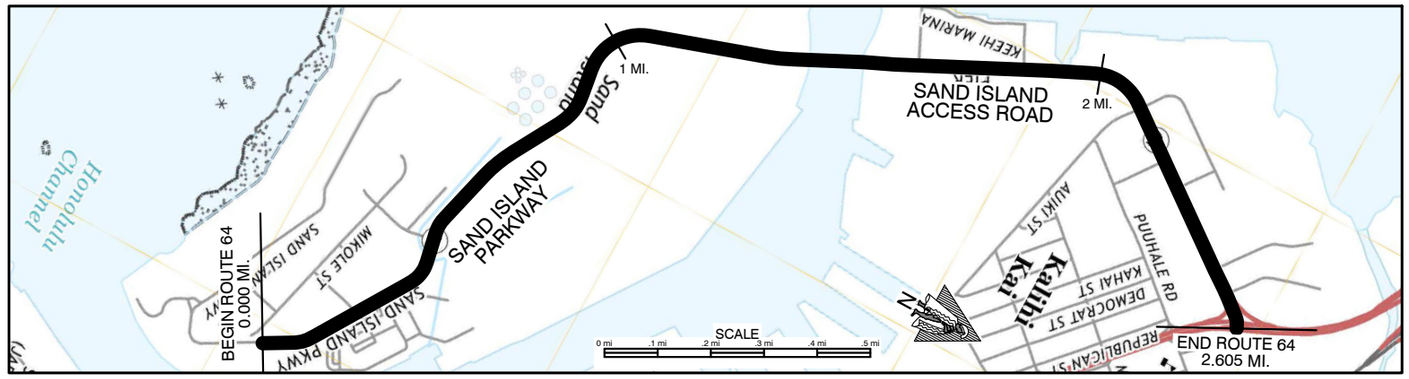
SAND ISLAND PARKWAY & ACCESS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 2.605 miles
a. Survey Length: 2.605 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

64 A (2.60 mi.) — End 64 A on Sand Island Parkway 49' from E.P. of Nimitz Highway — 2.605

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

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

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies
1.53 Est. 100' 2.05 100'-120'

Available Right of Way Width (Needs Study)
Industrial Area

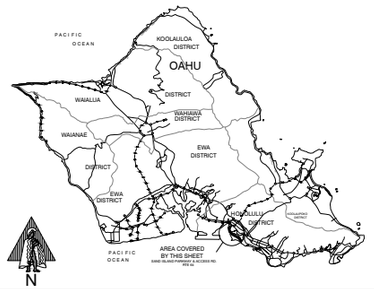
Right of Way Fence: Type - Right and Left — Footage is the Distance of Fence from Pavement.
Hollow Tile 8' 0.11 Chain Link 6' 0.36 0.45 0.50 Chain Link 8' 0.63 | Chain Link 8' 0.54 0.67 | Chain Link 15'-20' 0.91 0.83 Chain Link 10' 1.11 Chain Link 4' 1.40 1.37 | Chain Link 15'-20' 1.53 1.84 1.90 Chain Link 20' 2.04 2.12 2.39 Chain Link 15'-20' 2.55
C.L. 8' 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 66+79.83 52+98

Project No., Type of Construction, and Year Constructed
(NH-064-1(8), 2005 Bascule Br. Deck Replacement) 1.90 1.63 1.90 1.56 (HWY-O-05-00 Inter Imp., 2003) 2.30 (92A-01-00, Imprv., 2003)

Project No., Type of Construction, and Year Constructed
NH-064-1(5) Resurf. 1996 0.85 0.87 (BR-F-064-1(2) Widening 1990) STP-064-1(6) Resurf. 1996



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

0.000 mi.

Driveway 0.139 mi. | Coast Guard Sta. Entrance 0.203 mi. | Ulupono St. 0.253 mi. | Makapono St. 0.438 mi. | Driveway (L) Entrance to Midson Piers (R) Begin Divided Hwy 0.644 mi. | Driveway 0.684 mi. | Gate (#1) Piers 51B, 52, 53 0.746 mi. | Sewage Treatment Plant Ent. 0.816 mi. | Road "A" (Marine Ed Cntr Access Road) (Pier 51A) 0.872 mi. | Truck Off-Load Area (Gated Rd.) 0.910 mi. | Begin Bascule Bridge Paved Road (R) Road 1.104 mi. | End Bascule Bridge | Keehi Boat Harbor Access Rd. Ent. to "One Sand Island Rd." (UH Marine Ctr.) (R) | Sand Island Parkway | Sand Island Access Rd. | Road #2 | End Divided Hwy | Begin Divided Hwy Paved Road | Pahounui Dr. (L) Auiki St. (R) | Kaiawa St. | Pahounui Dr. | Hoonee Pl. | Spurs (L)&(R) Alahao Pl. | 2.605 mi.

Access from T.W.S. 1.211 mi. | Access to T.W.S. 1.229 mi. | Truck Weighing Station 1.276 mi. | Tower Sta. C202B 1.321 mi. | Access from T.W.S. 1.361 mi. | Access to T.W.S. 1.403 mi. | 1.531 mi. | 1.590 mi. | 1.636 mi. | 1.852 mi. | 1.964 mi. | 2.019 mi. | 2.044 mi. | 2.123 mi. | 2.240 mi. | 2.303 mi. | 2.467 mi. | 2.553 mi. | 2.569 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE. END RTE 64 ON SAND ISLAND ACCESS RD. AT THE SOUTH EDGE OF PAVEMENT OF NIMITZ HIGHWAY. (RTE 92).

SCALE: (In Miles) 6 5/8" = 1 mile

Divided Highway — Undivided

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

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

Shoulder: Width and Type
0 | 0 | (0'-22' Raised Grass Conc. Curb & Gutter) | 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. G.R. | 0'-13' Paint | 0'-6' Raised Grass with Curb | 6'-12' Raised Grass with Curb

Shoulder: Width and Type
0 | 0

Pavement: Width and Type
12' AC | 26' AC | 24' AC | 24' PCC | 24' AC | 24' PCC | 24' Steel | 28' PCC | 26' AC | 24' AC | 36' AC | 36' PCC

Shoulder: Width and Type
0 | 2' AC | 0 | 2' PCC | 2' AC | 2' PCC | 2' Steel | 2' PCC | 2' AC | 10'-15' Grs. | 15'-20' AC | 6' Bike Lane (AC)

Number of Traffic Lanes
2-12' | 1-14', 1-12' | 1-12' | 2-14' | 1-12', 1-14' | 2-12' | 1-14', 1-12' | 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.) | (1-12' T.L.) | 5' Bike Lane

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

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

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

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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. MCB=Metal on top of Concrete Barrier CB=Concrete Barrier
MCB | CB

Illumination: Type, Location and Number
LED | LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Urbanized-Large (39889)

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

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

Traffic Stations (Current Year)
B72 0064 00000 | B72 0064 00043 | B72 0064 00087 | P720000C202B | B72 0064 00186 | B72 0064 00231

HPMS Sections - AADT 2023
1,494 | 7,485 | 10,800 | 11,600 | 13,800 | 22,800

HPMS Sections - AADT 2022
1,458 | 7,500 | 13,100 | 11,800 | 14,600 | 16,718

HPMS Sections - AADT 2021
1,500 | 9,100 | 13,300 | 12,100 | 15,200 | 17,00

DOD Sections
DOD 280

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

Functional Classification
Principal Arterial (3)

National Highway System (NHS)
On NHS (1)

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

SCALE: (In Miles) 6 5/8" = 1 mile

Date Released
Feb. 2004, D.B.

Revised	
Apr. 04	D.B.
Oct. 04	D.B.
June 06	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	C.R.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

OAHU RTE 65

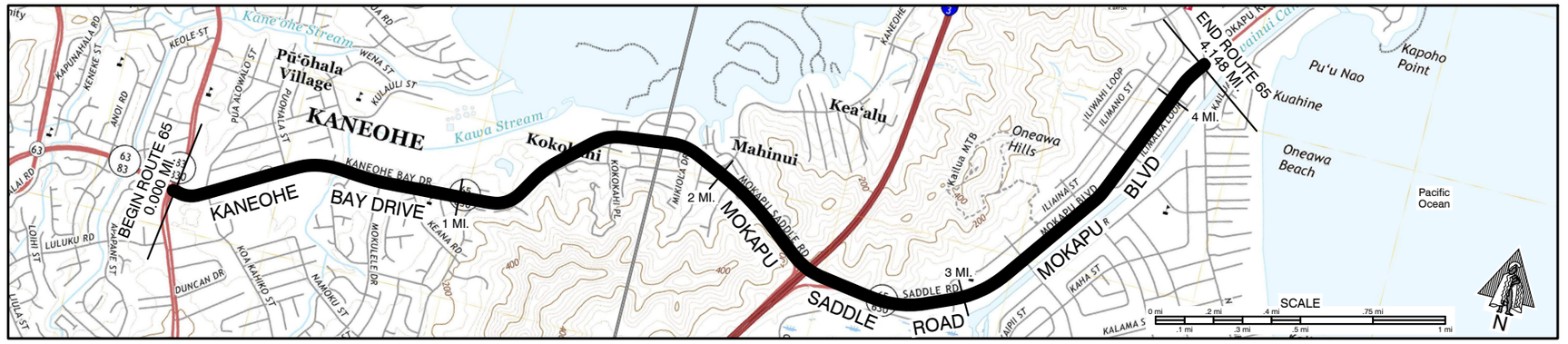
KANEOHE BAY DR. - MOKAPU SADDLE RD. - MOKAPU BLVD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 4.148 miles
a. Survey Length: 4.148 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

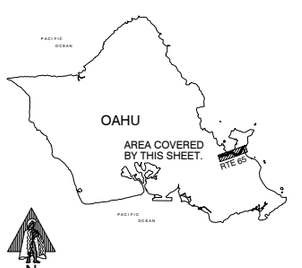
Structure Carrying Road

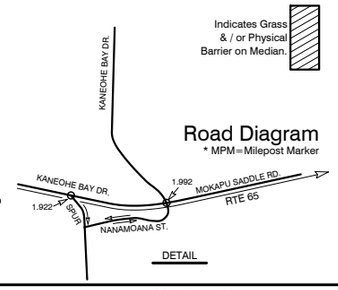
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Slab 1939 - H15, 23' (0.85) | Slab 1952 Ped. O. P., 42' (1.55) | CBG 1971 Both InB. & OutB., 169' (2.45)
- Vertical Clearance: 39'
- Horizontal Clearance

Structure Over Road

- Vertical Clearance: 16' | 18' (L) & (R)
- Horizontal Clearance: 34' | 53' (L) 52' (R)

- Right of Way Width (min.-max.) if varies: 100' - 155' (1.73) | 145' - 420' (3.15) | 110'
- Available Right of Way Width (Needs Study): Residential Area (2.00) | Mountainous | Residential Area
- Right of Way Fence: Type - Right and Left: (ChainLink 10' from Edge of Pavement) 0.19 / 0.32 | 2.88 / 3.16 (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: 65A-01-90M (R) 1991 | HWY-O-01-13 Improve, 2017 | STP-065-1 (9) Improve, 2005 | 65A-01-90M (R) 1991 | (65A-03-90, 1993 Inter. Impr.) | (65A-02-90, 1993 Inter. Impr.) | 65A-01-89 1991 | 65B-01-01M Shldr., 2002 | H3M-01-90M Resurf., 1992 | STP-065-1(011), ROAD REHAB, 2021 | STP-065-1(010), (R), 2015
- Project No., Type of Construction, and Year Constructed





Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

0.000 mi.

KANEOHE BAY DRIVE: Aumoku St. (R) Makalahi St (L) | Euchaia St. Private High School Speed Table | School Entrance | Nohee Pl | Mokulele Dr. Begin Divided Hwy | Puase Rd. End Divided Hwy | Speed Table | Nohonani Pl. | Speed Table | Namoku St. | Begin Divided Hwy | Moakaka Pl. | Begin Divided Hwy End Divided Hwy | Mina St. | Begin Divided Hwy End Divided Hwy | Likeke Pl. Beg. Divided Hwy Ent. to YWCA | Mikiola Dr. West Inter | 1.614 mi. | Kaneohe Bay Dr. (L) Nanamoana St. Spur | Makaiwa Pl. End Divided Hwy | Speed Table | 2.0 MPM | Kahinani Pl. (R) | Ramp to H-3 S.B. | Ramp from H-3 N.B. | H-3 Overpasses (Kaneohe Urban Boundry) | Ramp to H-3 S.B. | Ramp from H-3 N.B. | 2.5 MPM | Traffic Sta. | Kapaa Quarry Rd.(R) Kalaheo High School (L) | 3.0 MPM | Iliiopio Pl. (R) Iliiopio St. (L) | Iliiopuno St. | Ilikala Pl. | Ilimalia Lp. (R) Iliwahi Lp. (L) Speed Table | Ilimalia Lp. (R) Iliwahi Lp. (L) Speed Table

KANEOHE BAY DRIVE | MOKAPU SADDLE RD | MOKAPU BLVD

4.148 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

- Shoulder: Width and Type: 0' | 5' Shared Bike Lane | 6' AC | 2' AC / 2' Grass | 4'-6' AC | 10' AC SHLDR MILLED RUMBLE STRIP | 0'
- Pavement: Width and Type: 24' AC | 12' AC | 24' AC | 12' AC | 12' AC | 11' AC | 12' AC | 24' AC | 30' AC
- Shoulder: Width and Type: 0' | 4' AC/4' Grass | 0' | 2'-4' AC | 0' | SHLDR M. R. S. | 10' AC | (S. M. R. S.) | 2' AC

Median

- Median:. Width and Type: 6'-18' Raised Grass | 0'-12' Painted AC | 0'-6' Painted AC | 0'-11' Painted AC | 0'-10' Painted AC | 0'-13' Painted AC | 4'-20' Raised Grass | 24' Painted AC | (7'-13' AC Raised) | 2'-20' Raised Grass
- Median Barriers: = Guardrail = Conc. Barrier
- Shoulder: Width and Type: 0' | RAISED CONC. | 0' | 0' | 0' | 2' AC | 10' AC S. M. R. S. | (S. M. R. S.) | 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) | 8'-10' AC | 4' AC/ 4' Grs. | 4' AC/ 4' Grs. | 10' AC | 0' | (SHLDR MILLED RUMBLE STRIP) | (S. M. R. S.) 10' AC (SHLDR M. R. S.) | 0'

- Number of Traffic Lanes: 4-12' | (L) 1-12' (R) 2-12' (5' Shared Bike Lane) | 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' ACT L.'s | 11' AC TL's | 8' AC TL's | 10' AC T.L.'s | U-Turn Only (12' AC T.L.'s)
- (Right Side)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left): (6' AC) | (5' Conc.) | 6'-10' Conc. | 6'-8' Conc. | (5' AC) | 8'-10' Conc.
- Curb and/or Gutter: Type (Right and Left): All Metal Rails on Metal Posts unless otherwise noted. CW= Concrete Wall | (CC) | 6' Conc. | Curb | CCG | 8' GUT | 4' GUTTER | 8' GUT | Concrete Curb | Concrete Curb/Gutter | Concrete Curb and Gutter
- Protective Devices: Type, Location and Number
- Illumination: Type, Location and Number: LED | LED | None | LED
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- Superelevation (Range)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: Urbanized-Small (43669)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Flat (1) | Rolling (2) | Mountainous (3) | Mountainous (3) | Flat (1) | Flat (1)
- Speed: 1-Design, 2-Posted: 35 MPH (2) | 30 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing: 3 Ph. | 3 Ph.
- Traffic Stations (Current Year): B72 0065 00011 | B72 0065 00055 | B72 0065 00117 | B72 0065 00168 | B72 0065 00210 | P72 0065 00253 | B72 0065 00364
- HPMS Sections - AADT 2023: 17,000 | 19,600 | 17,800 | 17,900 | 16,168 | 19,800 | 10,800
- HPMS Sections - AADT 2022: 18,200 | 21,800 | 19,800 | 19,100 | 16,200 | 19,900 | 9,900
- HPMS Sections - AADT 2021: 18,200 | 21,200 | 19,200 | 22,200 | 18,300 | 19,700 | 10,600
- DOD Sections: DOD 510 | DOD 515
- Census Tracts: 106.01 / 106.02 | 107.02 | 107.01 | 110 | 109.01
- Functional Classification: Principal Arterial (3)
- National Highway System (NHS): On NHS (1)
- Previous Projects: Project No., Date and Limits: 65A-01-90M (R) 1991 | (STP-065-1(7) 2000) | 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 | (STP-065-1(4) Traffic Light 1996) | (630C-01-74, 1974 (R)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Dec. 2003,	D.B.

Revised	
Aug. 04	D.B.
June 06	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

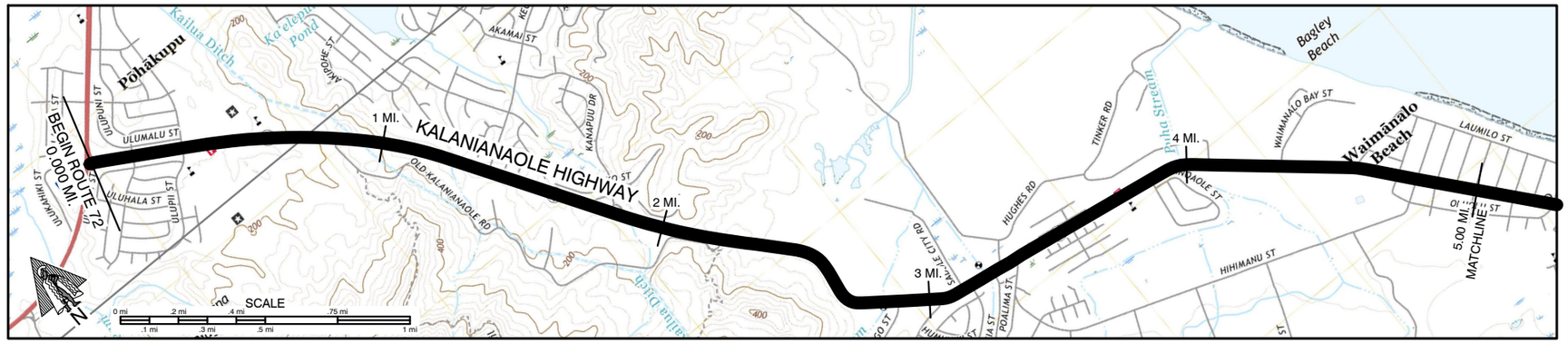
OAHU RTE 72
KALANIANAOLE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 18.430 miles
a. Survey Length: 18.430 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

0.01 BEGIN 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 — 0.30 — 118'
- TEE BEAM 1924, H-10 — 2.85 — 53' — 3.23 — 33'
- BOX CULVERT 1986, HS-20-44 — 3.99 — 16'

Vertical Clearance
- 23' — 23' — 46'

Structure Over Road

Vertical Clearance
- 16'-7"

Horizontal Clearance
- 42'

Right of Way Width (min.-max.) if varies
- 120'-340' — 1.30 — 120'-280' — 2.43 — 50'-170' — 2.86 — 50' — 4.58 — 100'

Available Right of Way Width (Needs Study)
- 0.60 RESIDENTIAL — TREES AND BUSHES & CUT SLOPES — 3.07 TREES BUSHES AND PASTURE

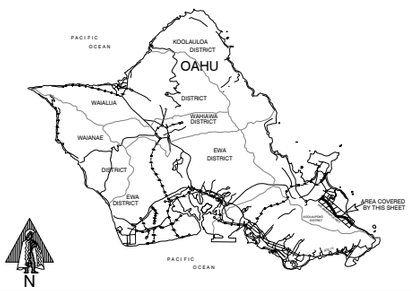
Right of Way Fence: Type - Right and Left (CL=CHAINLINK, FP= FROM PAVEMENT)
- (22' F.P.) 0.32 0.39 0.41 WOOD ON ROCK WALL C.L. WIRE ON WOOD 30' F.P. 0.80
- 2.31 C.L. 2.59 (30' F.P.) 2.50 C.L. 2.66
- 3.42 TILE WALL 3.55 TILE WALL 3.63 3.77 C.L. I.W. 3.95 4.14 WOOD ON WOOD 4.55
- 4.08 CHAIN LINK 4.58

Control of Access: 1-None, 2-Partial, 3-Full
- PARTIAL — 2.58 — NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- 0+40 — 8+10 — STATE

Project No., Type of Construction, and Year Constructed
- 0.15 (HWY-O-03-09M, MEDIAN IMPRV. , 2010) 0.95 — 0.93 (HWY-O-07-14M, Watershed, 2016) — (HWY-0-03-18 , 2021-) 2.25 — 2.34 — 2.61 NH-072-(53), 2022 — 3.32 — 3.44 (72A-01-06, Imprv., 2007) — (72 AB-01-88M RESURFACE 1988) 4.59

Project No., Type of Construction, and Year Constructed
- 106+00 — 2.00 72A-02-06, MEDIAN IMPRV., 2010 — 2.77 — 146+10 — 3.58



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

SPUR — ULUPUNI ST. — HAWAII YOUTH CORRECTIONAL CENTER PEDESTRIAN OVERPASS — HAWAII YOUTH CORRECTIONAL CENTER (L) — WOMAN'S COMMUNITY CORRECTIONAL CENTER (R) — HOOKIPA COTTAGE ACCESS RD TO BOYS HOME — OLD KALANIANAOLE ROAD — KEOLU DR. — KANAPUU DR. — CULVERTS OLD KALANIANAOLE — CULVERTS — OLOMANA GOLF LINKS — "NEW TOWN & COUNTRY" STABLERY — END DIVIDED HWY — CULVERT — CULVERT — BEG DIV HWY — FLAMINGO ST. WAIMANALO STREAM BRIDGE — KUMUHAU ST. — HUMUNIHI ST SADDLE CITY DR. — HUGHES RD. KAHAWAI STR. BRIDGE — END DIVIDED HWY — POALIMA ST. — MOOLE ST. — WAIMANALO PUBLIC SCHOOL — INOAOLE ST. — END DIVIDED HWY — BELLOWS AIR FORCE STATION — BEG. DIVIDED HWY — INOAOLE BR. — END DIVIDED HWY — WAIMANALO BAY RECREATION AREA — BEG. DIVIDED HWY — END DIVIDED HWY — ALOILOI ST. — BHUKAI ST. — HIHIMANU ST. — HINALEA ST. — KAULU ST. — HILU ST.

0 MPM — 1 MPM — KALANIANAOLE HWY

SPEED TABLE — FIRE STATION — OLOMANA SCHOOL (R) — SPEED TABLE — MEHA ST. — ENTRANCE — EXIT — ACCESS RD. — TINKER RD

0.000 mi. — 0.063 MI. 0.031 MI. 0.000 MI. — 0.182 MI. 0.150 MI. — 0.303 MI. 0.304 MI. — 0.420 MI. 0.393 MI. — 0.554 MI. 0.545 MI. — 0.650 MI. — 0.848 MI. — 0.963 MI. — 1.166 MI. — 1.379 MI. — 1.824 MI. — 2.219 MI. 2.206 MI. — 2.341 MI. — 2.454 MI. — 2.506 MI. — 2.598 MI. — 2.654 MI. — 2.724 MI. — 2.770 MI. — 2.843 MI. — 2.899 MI. — 3.045 MI. — 3.162 MI. 3.132 MI. — 3.249 MI. 3.223 MI. — 3.284 MI. — 3.338 MI. — 3.555 MI. — 3.697 MI. — 3.769 MI. — 3.870 MI. 3.843 MI. — 4.004 MI. 3.989 MI. — 4.080 MI. — 4.139 MI. — 4.244 MI. — 4.329 MI. — 4.387 MI. — 4.576 MI. — 4.725 MI. — 4.791 MI. — 4.858 MI. — 4.925 MI. — 4.992 MI. — 5.000 mi.

CONTINUED ON SHEET 2

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type
- 7'-9' GRAVEL — 0.60 — 8'-10' AC — 2.41 — 4'-6' AC — 4.10 — 8' GRAVEL — 4.43 — 6' GRASS — 4.63 — 12' GRASS

Pavement: Width and Type
- 24' AC — 2.33 — 12' AC — 24' AC — 2.71 AC — 11' AC — 3.35 — 21' AC — 11' AC — 21' AC — 10.5' AC — 21' AC

Shoulder: Width and Type
- 0 — 8'-10' AC — (10' RAISED GRASS) 0 — (10' PAINT) (6' AC) — 3.42 — 6' GRAVEL — 3.67 — 14' GRV. — 3.80 — 10' GRS. — 3.88 — 0 — 0 — 5' GRV. — 0 — 5' GRV. — 4.63 — 0

Divided Highway

Median: Width and Type
- (24' RAISED GRASS) — 0.67 — 24' GRASS — 1.66 — 24' AC — 12-24' RSD CURB — 3.78 — 24' AC — (2' CONC. RIDGED BARRIER GUARDRAIL) — 2.31 — 0-28' AC — 3.81 — 5.96 — .77 — 10' PAINT — .84 — .86 — .95 — (10' RAISED CONC.) — 10' PAINT — .14 — .22 — .29 — (10' RAISED CONC.) — 10' PAINT — 3.86 — .004 — 8' PAINT — .139 — .244 — 10' PAINT — .397
- 2.67 — 0 — 0 — 0 — 0 — 0

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

Pavement: Width and Type
- 24' AC — 2.00 — 2.08 — 12' AC — 11' AC — 11' AC — 10.5' AC

Shoulder: Width and Type
- 7' AC — 0.15 — 7'-10' BST — 0.84 — 8'-10' AC — (EDGELINE MILLED RUMBLE STRIP) — 2.06 2.12 2.22 2.32 — 2.33 — 2.38 — 2.42 — 6' AC — (12' BUS TURN OUT) — 2.71 — 3' AC — 4.10 — (5' GRV) — 5' GRV.

Number of Traffic Lanes
- 2-12' — 2.00 — 2.08 — 1-12' — 2-12' — 2-11' — 2-10.5' — 2-11' — 2-10.5'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- .215 .393 .480 — .606 — .848 .926 — .379 .492 — .824 .913 — .454 — .564 — 10' T.Ls. — .889 — .045 .162 .249 .284 — .338 — 10' T.Ls — .029 — .080 10' T.Ls — .270 — .353 — .329

(Right Side)
- .153 .323 .262 .378 — .493 .545 — .277 .379 — .743 .824 — 12' T.L — .124 .208 — .208 .290 .404 .506 — 10' T.Ls. — .88 .93 .95 .02 .08 .14 .19 .22 .30

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)
- (CC) .031 .056 — .811 4' Gutter .987 — .459 (4' Gutter) .497 — .921 4' Gutter .167 — .239 (4' Gutter) .302 — 2.80 3' Conc — 3.88 3' AC 3.99 — 4.07 3' AC 4.60
- (3' Conc.) — 3' Conc — 3.67 — 3' CONC. STONE CURB .653

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)
- .301 .323 .478 .545 — .596 .748 — .844 .987 — 4' Gutter .011 Concrete Curb .315 — .379 — .500 .652 — .654 .922 — 4' Gutter .671 — 4' Gutter .178 .232 .299 .470 — .506 — .841 .86 .90 .01 — .042 — CC .228 — .402 .529 .535 .555 .657 — .966 .006
- .299 .386 .458 .645 — .696 .813 .005 — .320 — .505 .670 .700 .767 .887 .986 — .173 .208 .281 .399 — .665 .705 .731 .80 — .351 .405 — .978 .990

Illumination: Type, Location and Number
- 2.00 — LED — .705 — 2.72 — LED — 4.79

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- CA — .435 — C .614 — A .697 — D .774 — AB .818 — A .031 — C .101 — A .912 — C .008 — A

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- B .626 — A .194 — B .201 — D .431 — B .910 — A .916 — B .001 — A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Urbanized-Small (43669)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous
- FLAT (1) — 0.32 — ROLLING (2) — 4.00 — FLAT (1)

Speed: 1-Design, 2-Posted
- 35 MPH (2) — .656 — 45 MPH (2) — .914 — .079 — 35 MPH (2) — .689 — .624 — 25 MPH (2) — .926 — SCHOOL ZONE 25 MPH (2) — .797 — .935 — .092 — 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing
- .379 — .336 — .69 PEDESTRIAN WALK LIGHT

Traffic Stations (Current Year)
- B72 0072 00065 — B72 0072 00251 — B72 0072 00388 — B72 0072 00434

HPMS Sections - AADT 2023
- 23,054 — 15,208 — 11,976 — 12,176

HPMS Sections - AADT 2022
- 23,100 — .138 — 14,443 — 12,000 — 4.08 — 12,200

HPMS Sections - AADT 2021
- 16,006 — 14,321 — 10,390 — 3.88 — 4.08 — 9,828

DOD Sections
- DOD 310 — DOD 311

Census Tracts

Functional Classification
- PRINCIPAL ARTERIAL (3) — 2.58 — PRINCIPAL ARTERIAL (CONN. LINK) (3)

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

Previous Projects: Project No., Date and Limits
- 72A-01-96M (R) 1997
- 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 — (WDRC 1(7), 1946)
- 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 — 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. 2005	D.B.
Revised	
5/06	G.N.
12/07	D.B.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

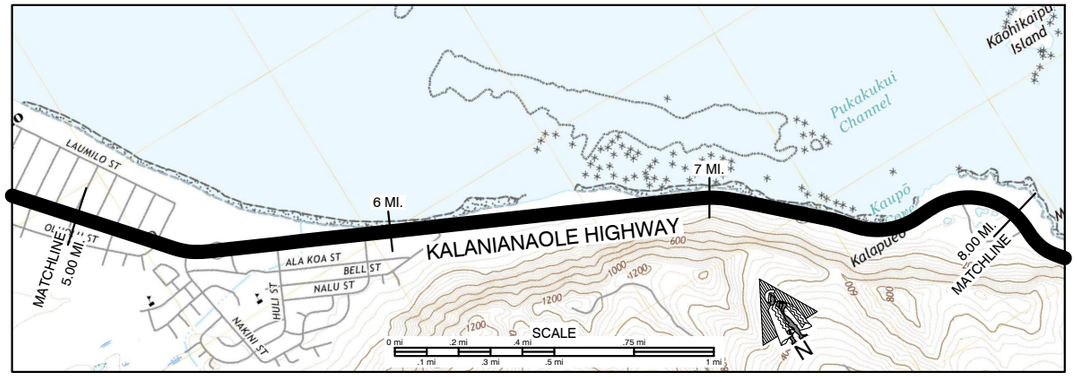
OAHU RTE 72
KALANIANAOLE HWY

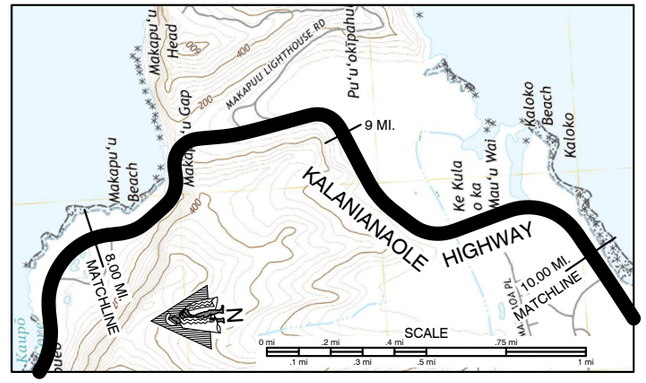
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 18.430 miles
a. Survey Length: 18.430 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles





SCALE: (In Miles) 4" = 1 mile

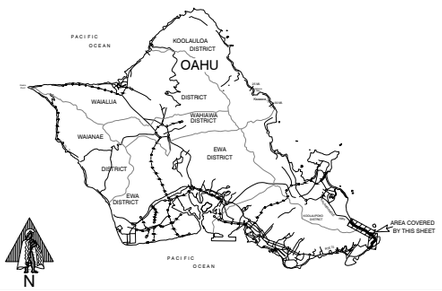
Maintenance Control Sections : Length and Description

72 A (5.25 MI.) | 72 B (8.00 MI.)
END 72 A - BEGIN 72 B AT CENTERLINE WAILEA ST.

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PRESTRESSED CONCRETE GIRDER, 1972, HS-20 (62', 9.50) | TEE BEAM, 1947 H-20 (70', 9.75)
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance: 48'
- Horizontal Clearance: 39'

- Right of Way Width (min.-max.) if varies: 100' | 80' | 50'-165' | 60'-100'
- Available Right of Way Width (Needs Study): TREES BUSHES & PASTURE | BEACH (L), TREES & BUSHES (R) | RESIDENTIAL
- Right of Way Fence: Type - Right and Left: ROCK WALL | CHAINLINK FENCE | (Impact Barrier Fence) (Boulder Barrier) | CHAINLINK
- 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: 72B-01-99, 2005 Realignment | NH-072-1(51), IMPRV., 2011
- Project No., Type of Construction, and Year Constructed: HSIP-0300(121), Guardrail and Shoulder Improvements, 2018



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 1 — 5.000 mi.

MANANA ST. | ALAHI ST. | PUUONE ST. | NANINI ST. BEGIN DIVIDED | KOOLAU ST. (R) WAILEA ST. (L) | ROADS TO WAIANAE BEACH PARK | HULI ST. | CULVERT END DIVIDED HWY | NALU ST. | BELL ST. | KAIONA BEACH PARK | CULVERT | BEGIN DIVIDED | OCEANIC INSTITUTE RD. (R) MAKAPUU PIER (L) RESEARCH | END DIVIDED HWY | MAKAPUU BEACH ROAD | BEGIN DIVIDED | END DIVIDED HWY ROAD TO BEACH (L) | ENTRANCE TO SEA LIFE PARK | CULVERT | BEGIN DIVIDED | MAKAPUU LOOKOUT (Ent./Exit Only) | MAKAPUU SUBSTATION | MAKAPUU LIGHT HOUSE ROAD | END DIVIDED | WAIMANALO CANAL BRIDGE "HAWAII KAI" GOLF COURSE RD. | WAIMANALO STREAM BRIDGE | BEGIN DIVIDED SANDY BEACH PARK WAY

KALANIANAOLE HIGHWAY — 10.000 mi. — CONTINUED ON SHEET 3

5.059 Mi. | 5.127 Mi. | 5.193 Mi. | 5.282 Mi. | 5.312 Mi. | 5.364 Mi. | 5.496 Mi. | 5.605 Mi. | 5.647 Mi. | 5.714 Mi. | 5.726 Mi. | 5.822 Mi. | 6.156 Mi. | 6.397 Mi. | 6.524 Mi. | 7.200 Mi. | 7.321 Mi. | 7.425 Mi. | 7.806 Mi. | 7.824 Mi. | 7.993 Mi. | 8.039 Mi. | 8.051 Mi. | 8.103 Mi. | 8.291 Mi. | 8.469 Mi. | 8.535 Mi. | 8.650 Mi. | 8.721 Mi. | 9.022 Mi. | 9.455 Mi. | 9.491 Mi. | 9.739 Mi. | 9.936 Mi. | 9.950 Mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type: 12' GRASS | 16' AC (10'-1' AC) 2' AC | 6' GRASS | 6' GRASS | 6' AC | 4' AC 2' AC | 5' AC | 7'-10' GRAVEL | 5' AC | 6'-20' AC | 4' AC | 6' AC | 5' AC
- Pavement: Width and Type: 21' AC | 22 AC 12' AC | 22' AC | 12' AC 11' AC | 22' AC | 11' AC | 22' AC | 11' AC (5' AC BIKELANE) | 22' AC | 28' AC
- Shoulder: Width and Type: 0 | 0 | 8'-16' GRAVEL | 14'-16' GRASS | 12' GRASS | 0 | 2' AC / 10' GRASS | 4'-6' AC | 0 | 6' AC | 4'-10' AC | 0 | 5' AC

Median: Width and Type: 10' PAINT | 11' PAINT | 13' PAINT | (3' PAINT) | 0'-13' PAINT | (0'-11' PAINT)

Undivided
- Shoulder: Width and Type: 0 | 0 | 0 | 0 | (0)
- Pavement: Width and Type: 12' AC | 11' AC | 11' AC | 11' AC | (14' AC)
- Shoulder: Width and Type: (2-11') 4' AC 2' AC | 2' AC/ 12' GRASS (2' AC/10' GRASS) | 4'-12' AC | 5'-8' AC | (4' AC)

- Number of Traffic Lanes: 2-10.5' | 2-12' | 2-11' | 2-12' | 2-11' | 2-14'
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' T.Ls. | (11' 2-WAY (L) T.Ls.) | 10' T.Ls. | 10' T.Ls. | ALL TLS 11' | 10' T.Ls.
- (Right Side)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left)
- Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. MCB=Metal on top of Concrete Barrier PB=Plastic Barrier
- Illumination: Type, Location and Number
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- Superelevation (Range)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: Urbanized-Small (43669) | Urbanized-Large (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT (1) | ROLLING (2) | MOUNTAINOUS (3) | FLAT (1) MOUNTAINOUS (3) | FLAT (1)
- Speed: 1-Design, 2-Posted: 35 MPH (2) | 35 MPH (2) 45 MPH (2) | 35 MPH (2) | 45 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Stations (Current Year): B72 0072 00434 | B72 0072 00526 | B72 0072 00732 | B72 0072 00865
- HPMS Sections - AADT 2023: 12,176 | 11,300 | 10,279 | 9,980
- HPMS Sections - AADT 2022: 12,200 | 17,100 | 10,300 | 10,000
- HPMS Sections - AADT 2021: 9,828 | 9,922 | 9,592 | 5,710
- DOD Sections: DOD 311 | DOD 312
- Census Tracts
- Functional Classification: PRINCIPAL ARTERIAL (CONN. LINK) (3)
- National Highway System (NHS): ON NHS (1)
- Previous Projects: Project No., Date and Limits: 72 AB-01-88M, RESURFACE 1998 | (72-02-02, ROCK SCALING & PROTECTION 2003) | STP-072-1(46), Ph 1, Improvments, 2006 | STP-072-1(45), SHOULDER IMPROVEMENTS 2000 | STP-072-1(45), SHOULDER IMPROVEMENTS 2000 | (STP-072-1(42), WIDENING 1996) | STP-072-1(40), 1993 | HES-0300(23) 1985, SAFETY IMPROVEMENTS | LT-0-01-79M (R), 1979 | 72AB-01-88M, RESURF.,1988 | 72B-01-75M, 1975 | F-6(16), 1950 | SDR 1(1), 1946 | COUNTY

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan. 2005, D.B.

Revised	
5/06	G.N.
3/07	D.B.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

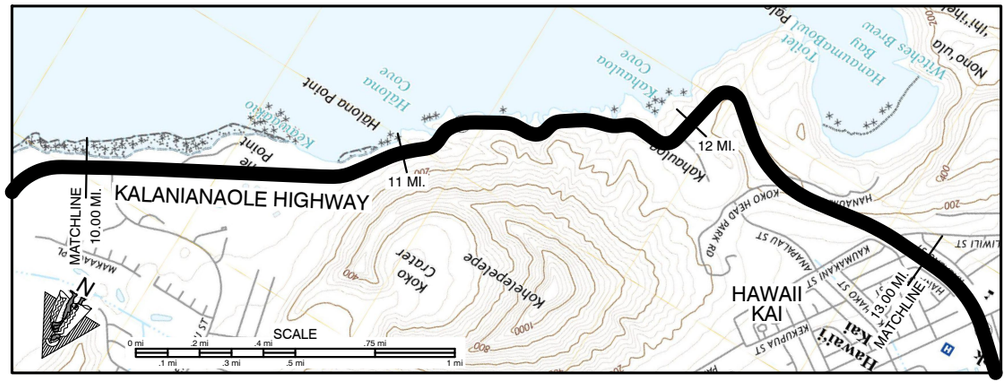
OAHU RTE 72
KALANIANAOLE HWY

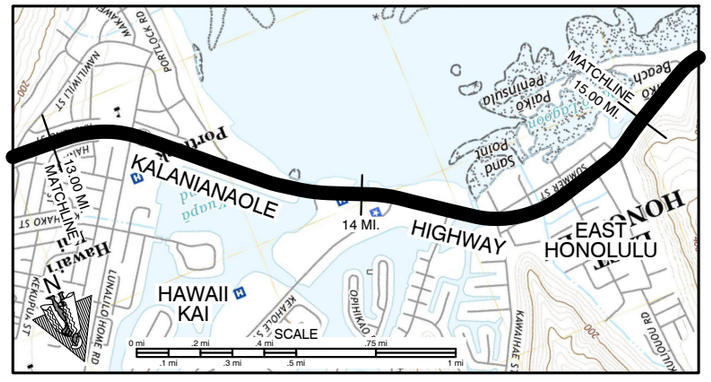
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 18.430 miles
a. Survey Length: 18.430 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

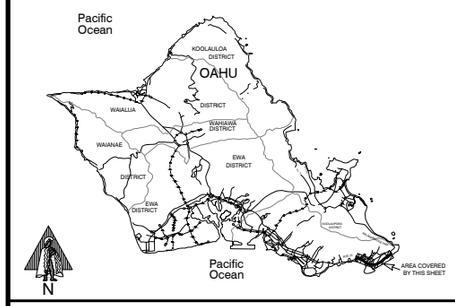
Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- TEE BEAM, 1931, H-15, 100', 27'
- CONC. MASONRY ARCH, 1931, H-20, 70', 25'
- PED O.P., 1968, 13.24, 17' 10", 60'
- SLAB, 1969, HS-20, 250', 44'
- SLAB, 1971, H-15, 109', 64'
- TEE BEAM, 1964 H10, 58', 60'

Vertical Clearance
Horizontal Clearance

Structure Over Road

Vertical Clearance
Horizontal Clearance

Right of Way Width (min.-max.) if varies: 60'-100' | 100' | 50'-165'
Available Right of Way Width (Needs Study): BEACH (L), RESIDENTIAL (R) | RUGGED COASTLINE | RESIDENTIAL AREA
Right of Way Fence: Type - Right and Left
Control of Access: 1-None, 2-Partial, 3-Full: NONE | PARTIAL
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
Project No., Type of Construction, and Year Constructed: (STP-072-1(45) SHLD. IMPRV,2000) | NH-072-1(056), RESURFACE, 2017
Project No., Type of Construction, and Year Constructed: HSIP-0300(121), Gaurdrail and Shoulder Improvements, 2018



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 2

KEALAHOU ST. | SANDY BEACH ROAD END DIVIDED HWY | RD. TO SEWER PLANT | SANDY BEACH ROAD | HALONA BLOWHOLE LOOKOUT (11 MPM (R)) | ENTRANCE EXIT | KALANIANAOLE HWY | KAWAIAKAIEA BR. | IHIHILAUKEA BR. | LOOKOUT | ENTRANCE EXIT | KOKO HEAD SHOOTING COMPLEX | BEG DIVIDED | SPR-UR 12.460 MI. | RD. TO JOB CORP. HALAWINA BAY | LOOKOUT ENTRANCES END DIVIDED | NAWILIWILI ST. | BEGIN DIV. HWY | LUNALILO HOME RD. PED. O.P. | ENT. TO KOKO MARINA CENTER | PORTLOCK RD. | HAWAII KAI MARINA BR. | HAWAII KAI TOWNE CENTER (R) | HAWAII KAI BEACH PARK ACCESS | BEGIN DIV. HWY | KEAHOLE ST. | MAUNALUA BAY BEACH PARK (L) | HAWAII KAI DR. | MAUNALUA BR. | KAWAIHAE ST. (R) | KULIOUOU RD. KUAKINI STREAM BRIDGE | BAY ST. | PAEOKIPI PL. | ELEUPE RD. | MOOMUKU PL.

10.000 mi. | 15.000 mi. | CONTINUED ON SHEET 4

10.073 MI. | 10.227 MI. | 10.244 MI. | 10.558 MI. | 10.695 MI. | 10.940 MI. | 11.054 MI. | 11.023 MI. | 11.464 MI. | 11.647 MI. | 11.787 MI. | 11.757 MI. | 11.937 MI. | 12.351 MI. | 12.500 MI. | 12.483 MI. | 12.460 MI. | 12.655 MI. | 12.640 MI. | 12.582 MI. | 12.882 MI. | 13.083 MI. | 13.143 MI. | 13.223 MI. | 13.242 MI. | 13.375 MI. | 13.549 MI. | 13.620 MI. | 13.794 MI. | 13.971 MI. | 13.949 MI. | 13.913 MI. | 14.100 MI. | 14.086 MI. | 14.205 MI. | 14.317 MI. | 14.421 MI. | 14.555 MI. | 14.538 MI. | 14.658 MI. | 14.766 MI. | 14.768 MI. | 14.852 MI.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 4' AC | 2'-4' AC | 6' AC | 6' AC | 6' AC | 4' AC | 8' CORAL | 12' AC | 5' AC BIKE ROUTE | 5' PCC BIKEWAY
Pavement: Width and Type: 14' AC | 24' AC | 22' AC | 11' AC | 36' AC | 48' AC | 22' AC | 33' AC
Shoulder: Width and Type: 0' | 2'-4' AC | 8'-10' CORAL | 8' AC | 6'-8' AC BIKE ROUTE | 2' AC
Median: Width and Type: 0'-11' PAINT | 0'-11' PAINT | (8'-10' CORAL) | (CENTERLINE MILLED RUMBLE STRIP) | 0'-12' PAINT
Median Barriers: = CONC. BARRIER; = M/M GUARDRAILS
Shoulder: Width and Type: 0' | 0' | 0'
Pavement: Width and Type: 14' AC | 11' AC | 12' AC | 22' AC | 33' AC
Shoulder: Width and Type: 4' AC | 4'-10' AC | 5' PCC BIKEWAY

Number of Traffic Lanes: 2-14' | 2-12' | 2-11' | 2-12' | 1-12' 2-12' | 4-12' | 2-11' 2-11' | 3-11' | 6-11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1-14' T.L. — ALL TURN LANES 11'-12' UNLESS OTHERWISE NOTED
(Right Side): 1-10' T.L. | 1-12' ACCEL. LN. | (1-11' (L) T.L.) | (1-11' ACCEL. LN.) — ALL TURN LANES 11'-12' UNLESS OTHERWISE NOTED
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): 6' CONCRETE | 6' CONCRETE
Curb and/or Gutter: Type (Right and Left): CONCRETE CURB AND GUTTER | CONCRETE CURB AND GUTTER
Protective Devices: Type, Location and Number: All Metal Rails on Metal Posts unless otherwise noted. MR=Metal Rail MCB=Metal on top of Concrete Barrier. CB=Concrete Barrier
Illumination: Number and Location: LED | LED
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
Superelevation (Range)
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Urbanized-Large (39889)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT (1) | MOUNTAINOUS (3) | ROLLING (2) | FLAT (1) | FLAT (1) ROLLING (2)
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 Stations (Current Year): (B72 0072 00865) B72 0072 01008 | B72 0072 01195 | B72 0072 01290 | P72 0072 01391 | B72 0072 01408 | B72 0072 01442 | B72 0072 01522
HPMS Sections - AADT 2023: (9,980) 9,980 | 9,523 | 11,677 | 32,000 | 43,525 | 56,374 | 55,876
HPMS Sections - AADT 2022: (10,000) 10,000 | 8,794 | 11,700 | 32,300 | 42,476 | 55,015 | 54,529
HPMS Sections - AADT 2021: (5,710) 5,054 | 8,371 | 5,429 | 32,100 | 43,700 | 56,600 | 56,100
DOD Sections
Census Tracts: 1.01 | 1.02 | 13.79 | 1.03 | 2
Functional Classification: PRINCIPAL ARTERIAL (CONN. LINK) (3) | FREEWAY & EXPRESSWAY (2)
National Highway System (NHS): ON NHS (1) | (NH-STP-072-1(52) IMPRV., 2012)
Previous Projects: Project No., Date and Limits:
STP-072-1(42) WIDENING 1996 | STP-072-1(40), 1993 (R) | HSIP-072-(55), SAFETY IMPRV., 2010 | 72 BC-01-97M, RESURF 1998 | NH-STP-072-1(35), WIDENING 1995
STP-072-1(40), 1993 (R) | STP-072-1(41) RD. WAY IMPRV. 2000 | 72 BC-01-97M, RESURF 1998 | NH-STP-072-1(35), WIDENING 1995
STP-072-1(40), (R) 1993 | 7400A-01-82M, (R) 1982 | 72B-01-88M (R) 1988 | HWY-0-01-83M, 1983 (R) | HWY-0-01-83M (R) 1983
STP-072-1(42), WIDENING 1996 | 7400A-02-82, GUARDRAILS & SHOULDERS | 72B-01-88M, (R) 1988 | (7400A-01-81M (R) 1981)
LT-0-01-79M, (R) 1979 | 72B-01-75M, 1975 T-9001(19), 1973 | (7400A-01-70 (WIDEN) 1971)
SDR 1(1) 1946 | F-6(16) 1950 | FAP 6-D, 1937 | B-72-01-81, 1961 | FAP 6-D, 1937 | FAP 25B, 1937 | 72C-02-68, 1969 | FAP 25B, 1937 | 740-A-01-70, 1970 | C-72-01-63, 1963

SCALE: (In Miles) 4" = 1 mile

Date Released	
Jan. 2005	D.B.

Revised	
5/06	G.N.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

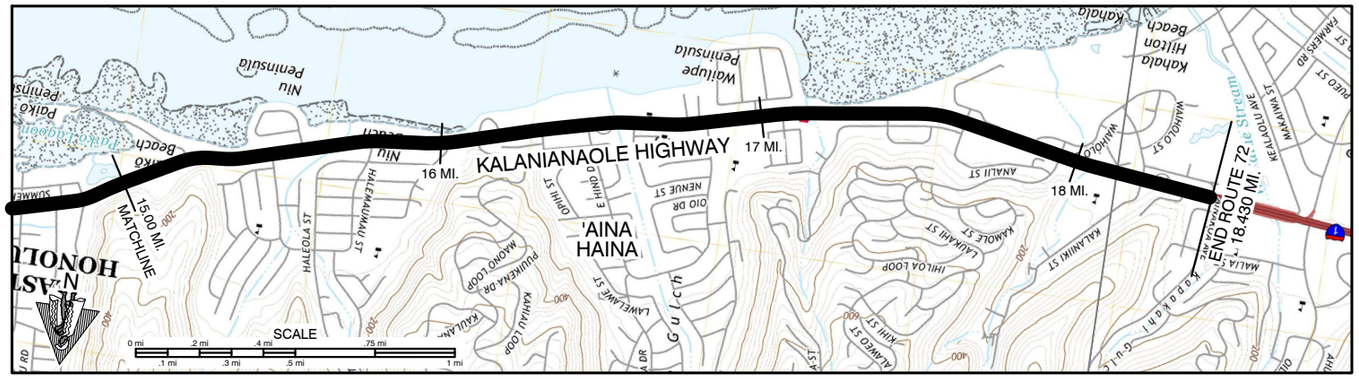
OAHU RTE 72
KALANIANAOLE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 18.430 miles
a. Survey Length: 18.430 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

72 C (5.20 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
SLAB, 1993, HS-20-44 — 75' — 97'
66' TEE BEAM, 1955, HS-20 — 60' TEE BEAM, 1930, H-15

Vertical Clearance
15.06

Horizontal Clearance
28' (OUTBOUND)
36' (INBOUND)

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies
50'-165' — 120' — 120'-135'

Available Right of Way Width (Needs Study)
RESIDENTIAL AREA

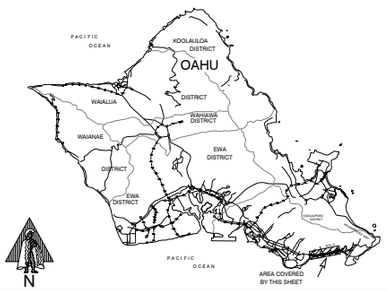
Right of Way Fence: Type - Right and Left
(CHAINLINK FENCE) 15.62 15.69 — 16.70 (CHAINLINK FENCE) — 16.80 TILE WALL 17.12 — 17.25 CHAINLINK FENCE 17.50 — TILE WALL 17.76 17.84 TILE WALL 18.01 CHAINLINK FENCE 18.31

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

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

Project No., Type of Construction, and Year Constructed
(NH-0300(166), Guardrail Imprv., 2024)

Project No., Type of Construction, and Year Constructed
NH-072-1(56), RESURFACE, 2017 — At intersection with W. Hind Dr. 72C-01-13, Drainage Imp., 2018 — 72C-01-19, 2022 Intersection Improvement — NH-072-1(47), RESURF., 2002



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 3

PAIKO DRIVE — EAST HALEMAUMAU ST. — NIUIKI CIR. — NIU VALLEY CTR. — NIU STREAM BRIDGE — WEST HALEMAUMAU ST. — HAWAII LOA ST. — KAWAIKIU BEACH PARK ENTRANCE — PUUKENA DR. — KIRKWOOD ST. — EAST HIND DR. — WALUPE STREAM BR. — NENUE ST. — WALUPE PL. (L) — PUNAHELE PL. — 16.794 MI. — WALUPE CIR. — KAAI ST. — WALUPE BEACH PARK — WAA ST. — KAIMOKU PL. (L) — ANAILI ST. (R) — LAUKAHI ST. (R) — KALANI HIGH SCHOOL ENTR. — WAIHOLO ST. (L) — IKI PLACE — KALANIKI ST. (R) — WAIELI ST. (L) — TELEM STA. 045 — WAIKUI ST. (L) — AINAKOA AVE. (R)

15.000 mi. — KALANIANAOLE HIGHWAY — 18.430 mi.

MPM: 15 — 16 — 16.5 — 15.5

15.050 MI. — 15.194 MI. — 15.460 MI. — 15.580 MI. — 15.520 MI. — 15.646 MI. — 15.773 MI. — 15.990 MI. — 16.007 MI. — 16.102 MI. — 16.125 MI. — 16.302 MI. — 16.446 MI. — 16.460 MI. — 16.528 MI. — 16.590 MI. — 16.754 MI. — 16.815 MI. — 16.869 MI. — 17.051 MI. — 17.146 MI. — 17.161 MI. — 17.375 MI. — 17.621 MI. — 17.831 MI. — 18.025 MI. — 18.111 MI. — 18.199 MI. — 18.301 MI. — 18.423 MI.

WEST HIND DR. (R) — US COAST GRD RD

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END ROUTE 72 ON KALANIANAOLE HIGHWAY AT THE WEST EDGE OF PAVEMENT OF AINAKOA AVENUE (SAME AS END RTE-H1)

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

Pavement: Width and Type — 11' RAISED GRASS — 33' AC

Shoulder: Width and Type — (10'-11' RSD GRS) (6'-10' GRAVEL) — (6'-10' GRAVEL) (6' GRAVEL) — (11' RSD GRS) (RSD GRASS 8'-17') — 2' AC — 0 — (6'-11' RSD GRS) — 6' AC — 0

Median: Width and Type — 2'-8' RSD CON. — 6' RSD CON — 6' RSD CON — 6-11' GRAVEL — 11'-24' RAISED GRASS — 4' RSD CON — 4'-20' RAISED GRASS — (7' RAISED CONC.)

Median Barriers: = CONC. BARRIER; = M/M GUARDRAILS

Shoulder: Width and Type — 2' AC — 0 — 6' GRAVEL — 0

Pavement: Width and Type — 33' AC

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

Number of Traffic Lanes — 6-11'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left) — 6' CONC. S.W. — 5' CONC. S.W. — (ALL 5' CONCRETE)

Curb and/or Gutter: Type (Right and Left) — 5' CONCRETE CURB AND GUTTER — CONCRETE CURB & AC GUTTER

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. MR=Metal Rail MCB=Metal on top of Concrete Barrier

Illumination: Type, Location and Number — LED — LED — LED

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

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

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Urbanized-Large (39889)

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

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

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

Traffic Stations - (Current Year) — B72 0072 01522 — B72 0072 01630 — P72000000045

HPMS Sections - ADDT 2023 — 55,876 — 53,974 — 77,900

HPMS Sections - ADDT 2022 — 54,529 — 51,259 — 77,500

HPMS Sections - ADDT 2021 — 56,100 — 50,825 — 76,500

DOD Sections

Census Tracts — 2 — 3 — 4.01 — 18.04 — 4.02

Functional Classification — FREEWAY & EXPRESSWAY (2)

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

Previous Projects: Project No., Date and Limits — HSIP-0300(121), Guardrail and Shoulder Improvements, 2018 (to MP 17.524) — HSIP-0300(121), 2018 Guardrail and Shoulder Improvements — NH-STP-072-1(35), WIDENING, 1995 — F-072-1(34), WIDEN & REALIGN, 1993 — 72C-01-87M, (R), 1987 — 72C-01-79M, RESURFACE, 1980 — HWY-0-01-83M (R) 1983 — 72C-01-87M, (R), 1987 — (72C-01-75M, (R), 1975) — T-9001-(18), 1973 — 72 B-03-68 UNIT 2, 1970, (WIDENING) — 72B-03-68 UNIT 1, 1969 — C-72-01-63, 1963 — WDRC 4 (1), 1946 — F6 (18), 1956 — F 6 (17), 1954

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan. 2005, D.B.

Revised	
5/06	G.N.
8/10	G.N.
1/11	G.N.
2/12	D. B.
9/12	D. B.
8/14	D. B.
1/16	C. R.
1/17	C. R.
2/18	D.B.

ROAD INVENTORY

OAHU RTE 76

FORT WEAVER ROAD - KUNIA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

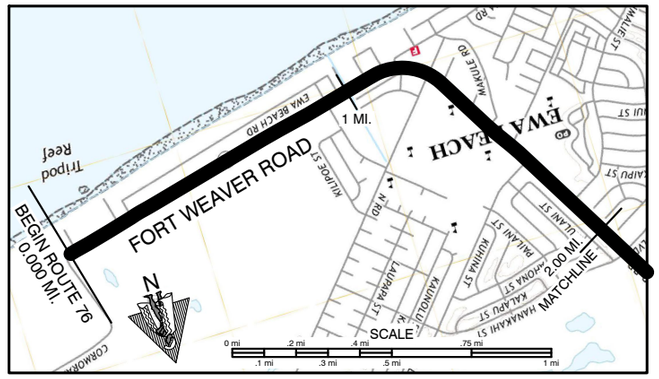
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

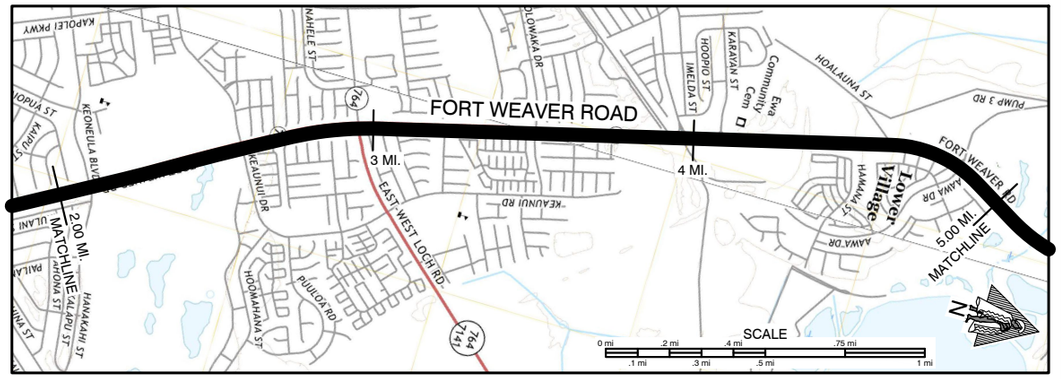
Total Route Length: 6.617 miles

a. Survey Length: 6.617 miles

b. Proposed Length: 0.000 miles

c. Other Length: 0.000 miles





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

SAME AS BEGIN ROUTE | 76 A (3.99 MI.) | END 76A - BEGIN 76B ON FORT WEAVER ROAD AT THE CENTERLINE INTERSECTION WITH RENTON RD. | 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 0.38, 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' | 1.83 | 2.16 | 160' | 3.88 | 170'

Available Right of Way Width (Needs Study)
- RESIDENTIAL
- RES (R), SUGAR (L)
- CLEAR 1000' SUGAR CANE 40' FP

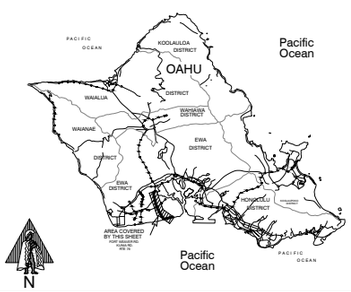
Right of Way Fence: Type - Right and Left (CL = CHAIN LINK FP = FROM PAVEMENT)
- 0.80 (CL 15' FP) 0.92
- 1.25 CL 18'-20' FP 2.15
- 4.12 4.22 4.47 4.55 (RETAINING WALLS)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- 85+00 | STATE | 194+00 3.99

Project No., Type of Construction, and Year Constructed
- STP-076-1(10), PAVEMENT PRESERVATION, 2014 257+45

Project No., Type of Construction, and Year Constructed
- 76A-01-91, IMPRV., 1991 0.69
- F-076-1(2), WIDEN & REALIGN., 1992 2.15
- STP-076-1(5), RESURF., 2000 2.51 2.85
- CMAQ-076-1(9), ROAD WIDENING, 2017



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

BEGIN RTE 72 ON KALANIANAOLE AT FORT WEAVER GATE.

0.000 mi.

PARK EXIT POPOI PL 0.011 MI. | 0.014 MI. | EWA BEACH RD. | 0.189 MI. | END DIVIDE | 0.211 MI.
NALOMELI PL. PAVED ROAD PARK ENTR. | 0.129 MI. | NEW EWA BEACH GOLF CLUB | 0.166 MI.
BEGIN DIV. | 0.035 MI.

NATIONAL OCEANOGRAPHIC ATMOSPHERIC ADMIN. | 0.503 MI.

END DIVIDE | BEGIN DIVIDE | 0.730 MI. | 0.793 MI.

AEKAI PL. | 0.897 MI.
HAPALUA ST. | 0.901 MI.
EWA BEACH RD. (L) | 0.903 MI.
Speed Table | 0.915 MI.
KILAHA ST. | 0.917 MI.
Speed Table | 0.992 MI.

PARISH DR. | 1.058 MI.
NEW CANAL BR. | 1.082 MI.
Speed Table | 1.113 MI.
BEGIN DIVIDE | 1.147 MI.
Speed Table | 1.158 MI.

POHAKUPUNA RD. | 1.158 MI.
PARISH DR. | 1.270 MI.
END DIVIDE | 1.320 MI.

KIMOPELEKANE RD. (L) | 1.320 MI.
NORTH RD. (R) | 1.438 MI.

MOKENA PL. | 1.438 MI.
ENT. TO CAMPBELL HIGH SCHOOL (R) | 1.525 MI.
MAKULE ROAD (L) | 1.575 MI.

PAPIPI RD. | 1.575 MI.
Speed Table | 1.610 MI.
ENT. TO SCHOOL (R) | 1.682 MI.

PUBLIC STORAGE | 1.682 MI.
DRIVEWAY TO MALL (L) | 1.759 MI.
EXIT FROM SCHOOL | 1.759 MI.
KUHINA ST. (R) | 1.869 MI.

KAIMALIE ST. | 1.869 MI.
HANAKAHI ST. (R) | 1.983 MI.

KE ONE'ULA BLVD. (L) | 2.098 MI.
~ MPM

KEAUNUI DR. | 2.272 MI.
IROQUOIS RD. (R) GEIGER RD. (L) | 2.585 MI.
ROAD | 2.988 MI.
3 MPM | 2.995 MI.
KOLOWAKA DR | 3.061 MI.
RENTON RD. (L) RAILROAD TRACKS | 3.508 MI.
KARAYAN ST. | 3.894 MI.
4 MPM | 3.951 MI.
EWA FAMILY CNTR. | 4.086 MI.
EWA CANE HAUL RD. UNDERPASS | 4.343 MI.
4.5 MPM | 4.440 MI.
'AHAWA DRIVE (R) OLD FORT WEAVER RD. (L) | 4.465 MI.
5 MPM | 4.847 MI.

FORT WEAVER ROAD

5.000 mi.

CONTINUED ON SHEET 2

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- 10' CORAL & GRASS 4' AC BIKE ROUTE | 10' AC | 11' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | (MILLED RUMBLE STRIP) | 33' AC

Pavement: Width and Type
- (22' AC)

Shoulder: Width and Type
- (4' AC BIKE ROUTE) (10' CORAL & GRASS) | 0 | 4' AC BIKE ROUTE 10' CORAL & GRASS | 10' AC | 0 | 10' AC | 8' AC (BUS) | 0 | 8' AC | 6' AC BIKE ROUTE | 0 | 4' AC | 4'-28' RAISED GRASS | 2' AC

Median: Width and Type
- 0'-12' PAINT | (0'-11' PAINT) | 12' PAINT | 8'-18' GRASS | 4' RAISED CONC. | 6'-28' RAISED GRASS | 4' RSD. CONC. | 6'-28' RAISED GRASS | 16'-28' RAISED GRASS

Median Barriers: = Conc. Barrier = Guard Rails = Chain Link Fence

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

Pavement: Width and Type
- 11' AC | 11' AC | 22' AC | 24' AC (MILLED RUMBLE STRIP) | 33' AC

Shoulder: Width and Type
- (4' AC BIKE ROUTE) (10' CORAL & GRASS) | (6' AC BIKE ROUTE) (8' AC) | (6' AC BIKE ROUTE) (8' AC) | MILLED RUMBLE STRIP | 10' AC | BUS | 10' BUS STOP | 5' AC | 10' BUS STOP | 10' BUS STOP | 10' BUS STOP

Number of Traffic Lanes
- 2-11' | 4-11' | 4-12' | 6-11'

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

(Right Side) (UNLESS OTHERWISE INDICATED)

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

Sidewalk: Width and Type (Right and Left)
- 8' Concrete | 10' Concrete | 8' Concrete | 8' CONC. SIDEWALK | 8' AC BIKEWAY (R) | 8' CONC. | 6' CONCRETE | 6' CONCRETE | 6' CONCRETE (10' Conc.) | 6' CONCRETE | 6' CONC.

Curb and/or Gutter: Type (Right and Left)
- CONCRETE CURB AND GUTTER | (14' Concrete) | (10' AC) | (CONC. CURB) | 2.58' CONC. CURB & GUTTER

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted)

Illumination: Type, Location and Number
- LED | LED | LED

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

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

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Urbanized-Large (39889)

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

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

Intersection Control Devices: Type, Location and Cycle Timing
- TRAFFIC LIGHT | TRAFFIC LIGHT | TRAFFIC LIGHT | TRAFFIC LIGHT | TRAFFIC LIGHT | TRAFFIC LIGHT | TRAFFIC LIGHT 3 PHASE | TRAFFIC LIGHT 3 PHASE | TRAFFIC LIGHT

Traffic Stations (Current Year)
- B72 0076 00021 | B72 0076 00099 | B72 0076 00188 | B72 0076 00258 | B72 0076 00297 | B72 0076 00353 | B72 0076 00484

HPMS Sections - AADT 2023
- 1,800 | 5,800 | 21,700 | 32,700 | 39,321 | 45,509 | 56,088

HPMS Sections - AADT 2022
- 6,026 | 20,500 | 33,500 | 39,400 | 45,600 | 56,200

HPMS Sections - AADT 2021
- 2,100 | 6,200 | 20,600 | 31,400 | 37,800 | 43,600 | 52,100

DOD Sections
- DOD 395 | DOD 400

Census Tracts
- 83 | 1.63 | 84 | 3.94 | 86.02

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

National Highway System (NHS)
- NOT ON NHS (0) | ON NHS (1)

Previous Projects: Project No., Date and Limits
- 257+45 | 2.81 | CMAQ-076-1(9), ROAD WIDENING, 2010
- 2.15 | 2.16 | STP-076-1(5), RESURF., 2000
- 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 | 760B-02-71, 1971 | M-7600(2), 1982, (CONST.)

SCALE: (In Miles) 4" = 1 mile

Date Released Feb. 2005, D.B.	
Revised	
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

OAHU RTE 76

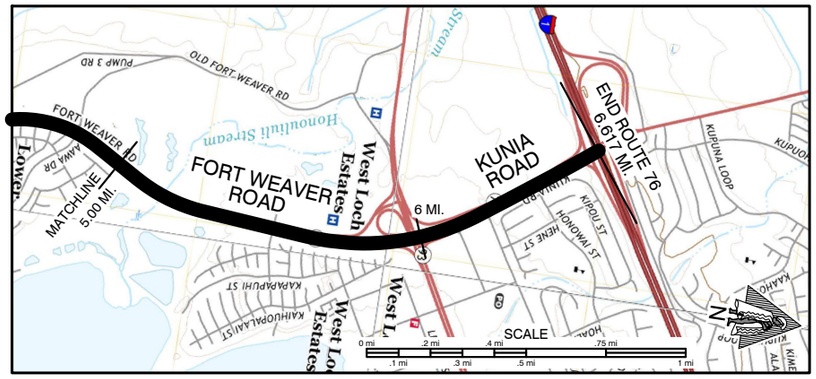
FORT WEAVER ROAD, KUNIA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 6.617 miles
a. Survey Length: 6.617 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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)
- PRESTRESSED CONC. HS 20-44 270' (5.95)

Vertical Clearance
- 42' INBOUND 42' OUTBOUND
- 42' INBOUND 54' OUTBOUND

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies
- (170') | 5.02 | 170'-340' | 5.27 | 200'-1000' | 5.01 | 170'-1500' | 5.22 | 170'

Available Right of Way Width (Needs Study)
- CLEAR 1000' SUGAR CANE 40' FROM PAVEMENT (5.98) RES. (R), SUGAR (L)

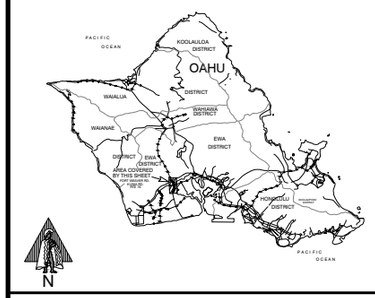
Right of Way Fence: Type - Right and Left

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- STATE (6.24)

Project No., Type of Construction, and Year Constructed
- CMAQ-076-1(9) WIDENING, 2017 (5.98) | 94+45 | 76+50 | HWY-0-01-04 Improv 2005

Project No., Type of Construction, and Year Constructed
- STP-076-1(5), RESURF., 2000 (5.34) | 139+95 CMAQ-076-1(8) Widening, 2005 (5.90) | (STP-076-1(13), (RESURF.), 2000) IM-H1-1(219), (IMPRV.) SEE ALSO H-1 & RTE 750, 2000



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 2

5.000 MI.

HONOLULUU STREAM BR. | LAULAUNUI ST. | RAMP A TO WAIPAHU RAMP C | RAMP B FORT WEAVER RD. SEPERATION | FARRINGTON HWY (ROUTE 7101) | WAIPAHU ST. (R) | RAMP E (R) RAMP D | HONOWAI ST. | RAMP K4 RAMP KE (R) | RAMP KE-1 (R) RAMP KA-1 (R) 6.482 MI. | 6.498 MI.

6 MPM 6.007 MI.
5 MPM 6.008 MI.

FORT WEAVER ROAD — KUNIA ROAD

5.155 MI. | 5.534 MI. | 5.708 MI. | 5.756 MI. | 5.928 MI. | 5.950 MI. | 6.003 MI. | 6.220 MI. | 6.280 MI. | 6.297 MI. | 6.393 MI. | 6.491 MI. | 6.588 MI.

6.617 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway Undivided

Shoulder: Width and Type
- 5' AC | 10' AC (24' AC) | (12' CONC.) 10' AC

Pavement: Width and Type
- 33' AC | 36' AC | 5.90 | (24' CONC.) 24' AC | 6.27 | 36' AC

Shoulder: Width and Type
- 2' AC | 4' AC (24' DOUBLE CONC. BARRIER) | (6' CONC.) 12' AC | 6.56 | 6' AC

Median: Width and Type
- 16'-28' RAISED GRASS | 28' GRASS | 2' CONC. BARRIER

Median Barriers: ▬ = Conc. Barrier
- .118 ▬ .237 | .334 | .914 | .037

Shoulder: Width and Type
- 2' AC | 4' AC | (6' CONC.) 10' AC

Pavement: Width and Type
- 33' AC | 36' AC | 5.76 | 24' AC | (24' CONC.) 24' AC | 6.30 | 36' AC | 6.42 | 24' AC

Shoulder: Width and Type
- 5' AC | 10' AC | (12' CONC.) 10' AC | 6.50 | 20' AC

Number of Traffic Lanes
- 6-11' (5.95) | 3 - 12' .629 .640 5.76 | 5.90 | 2 - 12' 6.27 | 3 - 12' | 2 - 12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — ALL AUX. LANES ARE 12' UNLESS OTHERWISE INDICATED
- .534 10' A .708 | 5.96 D 6.08 | 6.26 D 6.29 | 6.49 A 6.54

(Right Side) — A = ACCEL. D = DECEL.
- .673 | .588 2 TL's .609 1-12' TL
- .449 A .450 5.35 | .711 D .756 | .308 A-D .484

Frontage Road: No. of Lanes, and Width (Right and Left) — (BIKEWAY FENCE 5.06 MI., 5.18 MI. & 5.23 MI., - 5.35 MI.)
- 6' CONC. SIDEWALK | 5' BIKE LANE | 5' BIKE LANE .534 | 8' AC BIKEWAY (R) | 10' AC BIKEWAY (R)

Sidewalk: Width and Type (Right and Left)
- 6' CONCRETE .473 (8' CONC.) | (10' CONC.) .393 (12' CONC.)

Curb and/or Gutter: Type (Right and Left) — CC=Concrete Curb, CCG=Concrete Curb and Gutter — (2.58' CONC. CURB (& GUTTER))
- 10' AC .155 .204 (10' CONC.) 10' AC .756 | .548 8' CONC. GUTTER | .898 (4' CONC. GUTTER) .282 6' CONC. GUTT .220 .349 .444 10' CONC. CC (.540)
- .069 .151 .263 (4' CONC. GUTTER) .756 .947 | .002 .192 (4' CONC. GUTTER)
- 0.98 .222 | .556 .584 | .833 .951 | .005 .224
- .152 .209 | A .800 | CCG .260 .444 A .491 .544

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

Illumination: Type, Location and Number
- LED

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

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- A .240 B .696 A .099 B .290 D

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Urbanized-Large (39889)

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

Speed: 1-Design, 2-Posted
- 35 MPH (2) .627 .647 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing
- 5.91 TRAFFIC LIGHTS 3 PHASE 6.56

Traffic Stations (Current Year)
- B72 0076 00484 | B72 0076 00642 | B72 0076 00654)

HPMS Sections - AADT 2023
- 56,088 | 70,060 | 44,000 (6.17)

HPMS Sections - AADT 2022
- 56,200 (6.01) | 70,200 (6.51) | 44,200

HPMS Sections - AADT 2021
- 52,100 | 68,300 | 36,300

DOD Sections
- DOD 400 | 6.01 | DOD 180

Census Tracts
- 86.02

Functional Classification
- FREEWAY & EXPRESSWAY (2)

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

Previous Projects: Project No., Date and Limits
- (123+80) CMAQ-076-1(9) WIDENING, 2010 (5.35)
- 5.64 STP-076-1(13), (RESURF.), 2000 6.05
- STP-076-1(5), (RESURF.), 2000 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

Date Released
Feb. 2005, D.B.

Revised	
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

OAHU RTE 78
MOANALUA FREEWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.739 miles
a. Survey Length: 0.739 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 20" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- STEEL GIRDER & FLOORBEAM, 1966 HS 20', 1035' (0.02)
- PRESTRESSED BEAM, 1965 HS 20', 194' (0.34)
- PEDESTRIAN, 1966, 148' (0.49)
- P/S GDR, 1974, HS 20, 1852' (0.65)

Vertical Clearance: 44'

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)

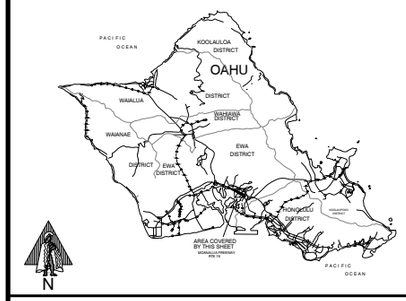
Right of Way Fence: Type - Right and Left: 0.19 CHAINLINK 30' FROM PAVEMENT 0.38; 0.45 CHAINLINK 20' FROM PAVEMENT 0.55

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

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

Project No., Type of Construction, and Year Constructed: 0.00 ('08+00) HWY-O-05-05M, Resurface, 2013 (147+00) 0.739

Project No., Type of Construction, and Year Constructed: HWY-0-01-88M (INB. LN's), 1988, (R) 0.12 | 78A-01-91M (OUTBOUND LANES) 1993 (RESURFACE)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

BEGIN RTE 78 ON MOANALUA FRWY AT THE BEGINNING OF RAMP #2 (PAINTED NOSE) AT AIEA INTERCHANGE (RTE 99)

BEGIN KAM HWY U.P. STRUCTURE (0.034 MI.) | KAM HWY ON-RAMP AT PAINTED MERGE (0.119 MI.) | LALIMA ST. (0.208 MI.) | END KAM HWY U.P. STRUCTURE (0.228 MI.) | AIEA AGC RD. O.P. (0.325 MI.) | ON-RAMP FROM AIEA (0.341 MI.) | ON-RAMP FROM KAM HWY (0.448 MI.) | OFF-RAMP TO AIEA AT CONC. NOSE PEDESTRIAN O.P. (0.448 MI. / 0.439 MI.) | OFF-RAMP TO H-1 (0.598 MI.) | ON-RAMP FROM H-1 (0.625 MI.) | RAMP O.P. H-1 TO H-3 AND/OR MOANALUA FREEWAY (0.649 MI.) | H-1 U.P. AND RAMP FROM H-1 (0.739 MI.)

0.000 MI. MOANALUA FREEWAY 0.739 MI.

END RTE 78 AT THE BEGINNING OF HWY U.P. AND RAMP FROM H-1. (SAME AS BEGIN RTE H-201)

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

SCALE: (In Miles) 20" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: NONE (0.58) 10' AC

Pavement: Width and Type: 0' (0.12) 24' AC 36' AC

Shoulder: Width and Type: NONE (2' CONC. GUTTER) 8' AC

Median: Width and Type: INTERCHANGE | 20'-50' RAISED GRASS | 20' RAISED GRASS | 8' DBL CONC. BARRIER/DIRT FILL (.619)

Median Barriers: = Concrete Barrier = Guard Rails (.228 – .369)

Shoulder: Width and Type: NONE (2' CONC. GUTTER) 8' AC

Pavement: Width and Type: 24' AC (.325) 36' AC 24' AC

Shoulder: Width and Type: NONE (2' CONC. GUTTER) 7' AC

Number of Traffic Lanes: 0' (0.12) 2-12' | 2-12' (.325) 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' Concrete (.203) | (.230) 5' AC (.300)

Curb and/or Gutter: Type (Right and Left): Concrete Curb and Gutter (.490) | Concrete Curb and Gutter (.568) | Concrete Curb (.625)
CCG (.029) Concrete Curb (.203) (.230) 4' Gutter (.317) (.325) 4' Gutter (.440) (.448) Concrete Curb and Gutter (.585) (.599) (.631) (.668) (.697) (.731) (.739)

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. MCB=Metal on top of Concrete Barrier CB=Concrete Barrier
(.033) MCB (.230) (.578)

Illumination: Type, Location and Number: LED

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A (.081) B (.234) A

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): C (.039) B (.410) A

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urbanized-Large (39889)

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

Speed: 1-Design, 2-Posted: 35 MPH (2) (.662) (.664) 50 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B72 0078 00020 | B72 0078 00044 | B72 0078 00061

HPMS Sections - AADT 2023: 26,547 | 36,227 | 45,509

HPMS Sections - AADT 2022: 26,600 (0.32) 36,300 (0.50) 45,600 (.739)

HPMS Sections - AADT 2021: 26,900 | 33,300 | 36,800

DOD Sections: DOD 220 (0.60) DOD 225

Census Tracts: 77.01 (0.34) 76

Functional Classification: FREEWAY & EXPRESSWAY (2)

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

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

Date Released	
Mar. 2005,	D.B.
Revised	
5/06	G.N.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

OAHU ROUTE 80
KAMEHAMEHA HWY.

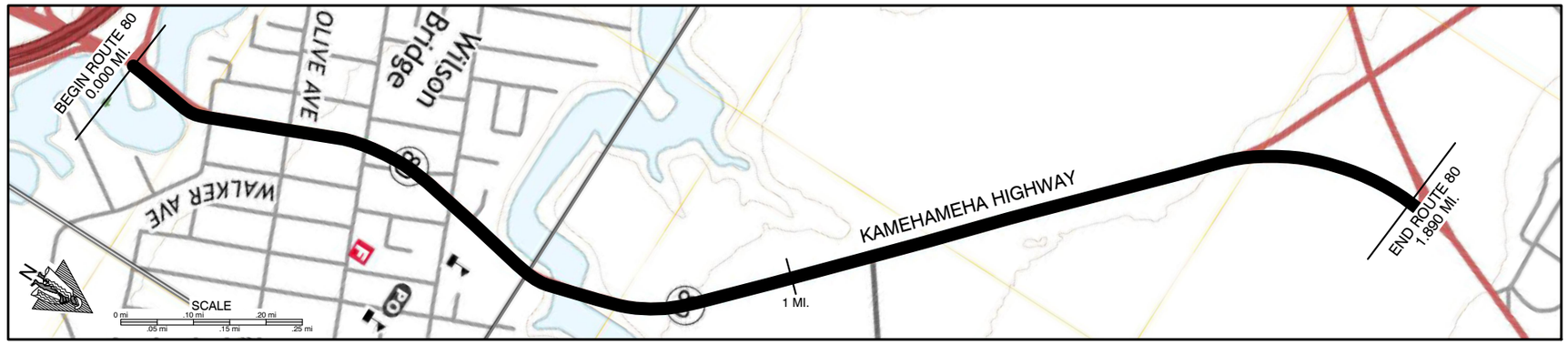
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	1.890	MILES (a+b)
a. Existing Length:	1.890	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	1.890	MILES (a+b, less c)
a. Existing Length:	1.890	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 10" = 1 mile

Maintenance Control Sections : Length and Description

BEG 80A same as BEG Route | 80A (1.88 mi.) | 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 | STT H20 1932

Vertical Clearance
375' | 14'1.1"

Horizontal Clearance
102' | 24'

Structure Over Road

Vertical Clearance
0.01

Horizontal Clearance

Right of Way Width (min.-max.) if varies
(120') | 80' | 50' - 80' | 50' - 90' | 65' - 70' | 60'

Available Right of Way Width (Needs Study)
RESIDENTIAL/COMM. | TREES | 1000' CLEAR PINEAPPLE FIELD 10' FROM EDGE OF PAVEMENT

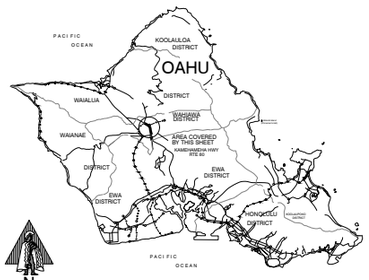
Right of Way Fence: Type - Right and Left
NONE

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
(HWY-O-03-08M, SLURRY SEAL, 2009) | STATE

Project No., Type of Construction, and Year Constructed
NH-099-1(031), Rehabilitation, 2024

Project No., Type of Construction, and Year Constructed
HWY-O-03-08M, SLURRY SEAL, 2009 | STP 0300(29), RESURFACE, 1994



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

0.000 MI. | Wilson Bridge Telem. Sta. 80000 | Ohia St. (L) Avocado St. (R) | Olive Ave. | California Ave. | Maalo St. | Kilani Ave. | Hiwi Place | End Divided Hwy. | Kaukonahua Br. (Karsten Thot Br.) | KAMEHAMEHA | Telem. Sta. 80008 Beg Div. Hwy. | Whitmore Ave. (Rte 7012) | End Div. Hwy | Culvert | Beg Div. Hwy. | HIGHWAY | Kaukonahua Rd | 1.672 mi. | End Div. Hwy.

0.030 mi. 0.023 mi. | 0.100 mi. | 0.132 mi. | 0.241 mi. | 0.348 mi. | 0.420 mi. | 0.488 mi. | 0.526 mi. | 0.592 mi. | 0.670 mi. | 0.914 mi. 0.905 mi. | 1.117 mi. | 1.305 mi. | 1.363 mi. | 1.387 mi. | 1.671 mi. | 1.750 mi. | 1.773 mi.

1.890 MI.

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

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

SCALE: (In Miles) 10" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type
0 | 6' AC | 6' DIRT | 0' | 8'-10' AC | 4' AC

Pavement: Width and Type
24' CONC | 24' AC | 12' AC | 22' AC | 20' AC | 11' AC | 20' AC | 10' AC | 20' AC

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

Divided Highway — Divided

Median: Width and Type
10' RAISED TRENCH W/ STEEL GRATE | 12'-20' PAINT | 0'-11' PAINT | 0'-11' AC PAINTED MEDIAN | 0'-20' AC PAINTED MEDIAN | 4'-12' AC | 0'-5' AC PAINTED

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

Number of Traffic Lanes
4-12' | (3-12') | 2-12' | 2-11' | 2-10' | 1-11' 1-12' | 2-10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(2-WAY LEFT TURN LN.) | 8' PARK

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

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

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

Curb and/or Gutter: Type (Right and Left)
CONC. CURB & GUTTER | CONCRETE CURB & GUTTER | (4' GUTTER) | (ROCK CURB) | (CONC. CURB)

Protective Devices: Type, Location and Number
All Metal Rails on Metal Posts unless otherwise noted. CC=Concrete Base/Rail MCB=Metal on top of Concrete Barrier
MCB | CC | (MCB) | (STEEL BRIDGE)

Illumination: Type, Location and Number
LED | LED | LED | LED | LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Urbanized-Large (39889)

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

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

Intersection Control Devices: Type, Location and Cycle Timing
2 phase | 3 phase | 4 phase | 5 phase | 3 Phase

Traffic Stations (Current Year)
P72 0000 80000 | P72 0000 80008 | B72 0080 00110

HPMS Sections - AADT 2023
54,700 | 25,600 | 11,776

HPMS Sections - AADT 2022
27,000 | 23,400 | 11,800

HPMS Sections - AADT 2021
53,500 | 24,600 | 14,100

DOD Sections
DOD 385 | DOD 390

Census Tracts
CT 94 | CT 93 | CT 91

Functional Classification
PRINCIPAL ART. (CONN. LINK) (3) | PRINCIPAL ARTERIAL (3)

National Highway System (NHS)
ON NHS (1)

Previous Projects: Project No., Date and Limits
HWY-O-05-07M, R, SLURRY SEAL, 2007
80A-01-02M, (R), 2003
STP-080-1(10), 1995 (IMPROVE)
HWY-0-01-89M (R), 1990
BR-F-080-1(3) BR. CONST. 1982 | F-F-080-1(5), 1982 (WIDENING) | (BR-080-1(012), 2018)
(DA-WR-8(3), 1949) | FAP 7-D, 1933 | 8-80-01-65, 1966 | FAP 7-8, 1931 | FAP 7-P, 1932 | 80B-02-68, 1968 | FAP 7-D, 1932 | F-80-1(2), 1968 | NRS 21-A, 1935
FAP 7-D, 1932 | (S-80-01-65, 1966) | FAP 7-8, '32 | S-80-01-65, 1966 | FAP 7-O, 1933 | F-80 1(2), 1969 | FAP 7-O, 1933
HWY-0-01-82 M RESURF., 1982

SCALE: (In Miles) 10" = 1 mile

Date Released
July 1999

Revised	
07/99	R.T.
10/01	J.K.
10/02	J.K.
2/03	D.B.
4/04	D.B.
8/04	D.B.
5/06	G.N.
2/08	D.B.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

OAHU RTE 83

JOSEPH P. LEONG HWY., KAMEHAMEHA HWY.

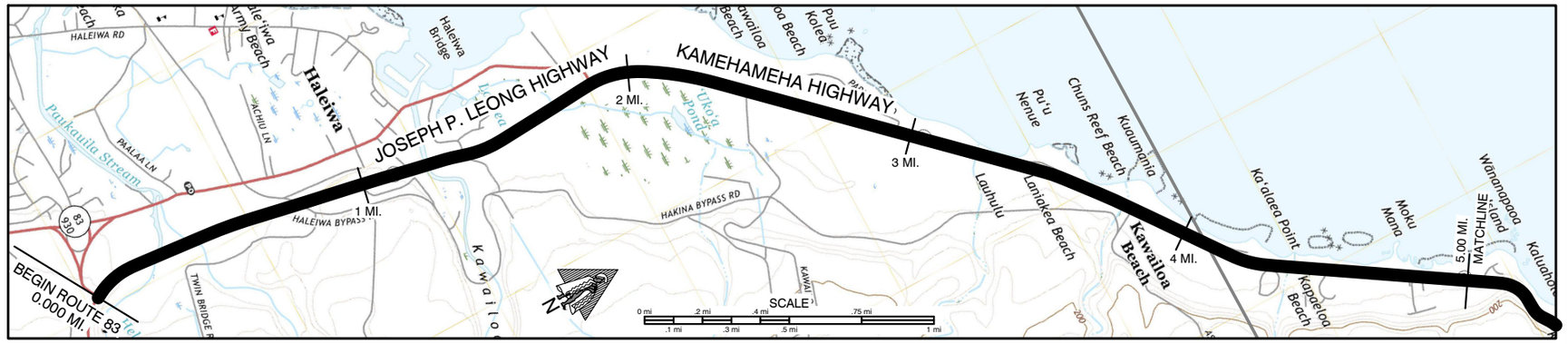
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	43.904	MILES (a+b)
a. Existing Length:	43.904	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	43.904	MILES (a+b, less c)
a. Existing Length:	43.904	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

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

1995, 1195', 0.08, 44' | 1995, 126', 0.36, 44' | 1995, HS29, Prestressed Concrete Girder, 134', 0.75, 44' | 1995, HS29, 230', 1.21, 44' | 1995, HS29, 244', 1.88, 44' | Slab, 1937 H15, 70', 3.23, 24' | TBM 1929, HS-20-44, 25', 4.40, 33'-8"

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 120' - 250' | 60' | 50'

Available Right of Way Width (Needs Study): Pasture | Trees | Residential | Bushes & Trees - Houses (L) | Residential | Bushes & Trees

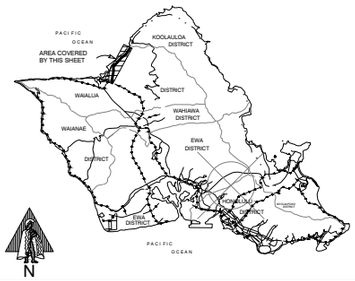
Right of Way Fence: Type - Right and Left (FP=From Edge of Pavement W/W=Wire on Wood): 20' FP W/W | 20' FP W/W | 15' FP W/W

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

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

Project No., Type of Construction, and Year Constructed

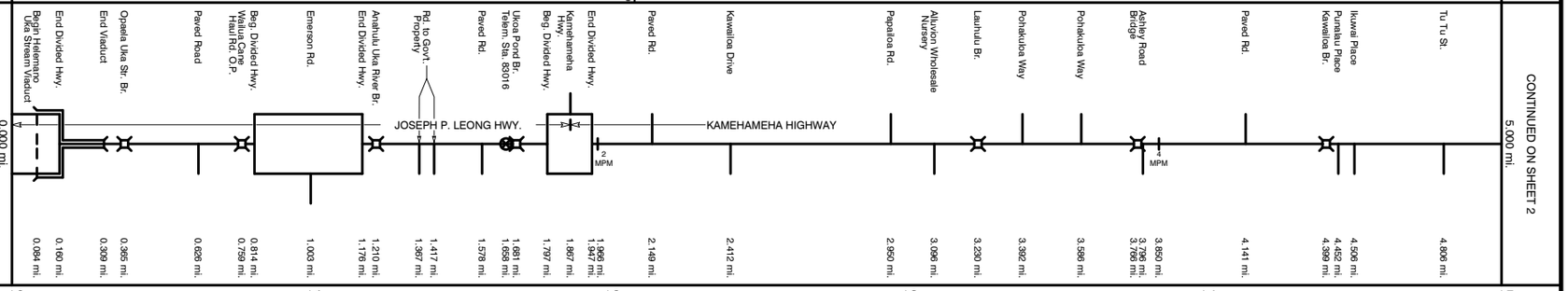
Project No., Type of Construction, and Year Constructed: F-083-1(24) & 83A-01-92 (Haleiwa Bypass), 1994 | 83B-01-97M Resurface, 1997



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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



SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type: 8' AC | 10' AC | 4' AC | 2' AC | 4' AC | 0 | 4' GRS. | 5' AC

Pavement: Width and Type: 12' AC | 12' PCC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 22' AC

Shoulder: Width and Type: 0 | 10' AC | 0 | 10' AC | 0 | 10' AC | 4' AC | 5' AC

Divided

Median: Width and Type: 12' AC | 12' PCC | 16' AC Paint | 6' AC Paint | 6' AC Paint

Median Barriers:

Shoulder: Width and Type: 0 | 0 | 0

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

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

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

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

(Right Side): 10' T.Ls. | 12' T.Ls.

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): 8' Concrete Gutter | (TEMP. BARR.)

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. MCB=Metal on top of Concrete Barrier): MCB | MCB | (TEMP. BARR.)

Illumination: Type, Location and Number: LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

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

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

Traffic Stations (Current Year): P72 0000 83016 | B72 0083 00358

HPMS Sections - AADT 2023: 11,600 | 15,100

HPMS Sections - AADT 2022: 11,400 | 14,200

HPMS Sections - AADT 2021: 11,600 | 15,100

DOD Sections: DOD 340

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits: F-083-1(19) Unit 1, (R) 1985 | F-083-1(20) Unit 2, (R) 1985 | 83B-01-87M, (R) 1987 | WDR 3(1) 1949 | F-083-1(24) (Structures) & 83A-01-92 (Roadway), (Haleiwa Bypass) 1994 | FAP 3-D, (Part of project on old alignment) 1937 | FAP 3-A, 1928

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan. 2003, D.B.
Revised
4/04 D.B.
8/04 D.B.
5/06 G.N.
9/10 D.B.
1/11 D.B.
2/12 D.B.
9/12 D.B.
8/14 D.B.
1/16 C.R.
1/17 C.R.
2/18 D.B.

ROAD INVENTORY

OAHU RTE 83

KAMEHAMEHA HIGHWAY

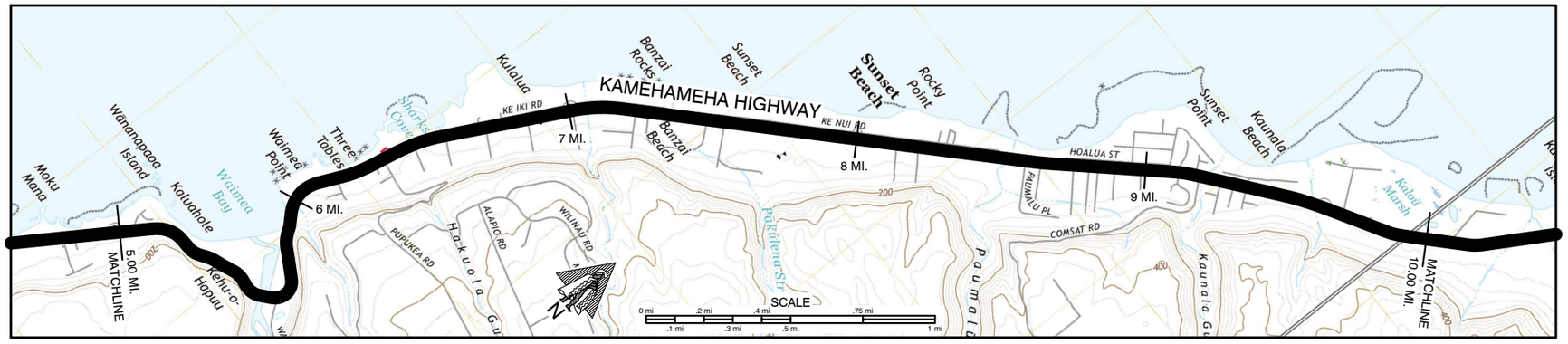
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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PREPARED BY THE
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Total Designated Route Length:	43.904	MILES (a+b)
a. Existing Length:	43.904	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	43.904	MILES (a+b, less c)
a. Existing Length:	43.904	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

83B (11.97 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
TBM 1930, H15 268' 5.56 | Slab 1930, H15 90' 8.25 | TBM 1929, H15 32' 9.22

Vertical Clearance

Horizontal Clearance
24' | 23' | 24'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)
Bushes & Trees 5.98 | Residential 7.24 | Bushes & Trees 9.59 | 1000' Clear Pasture 9.96 (Residential)

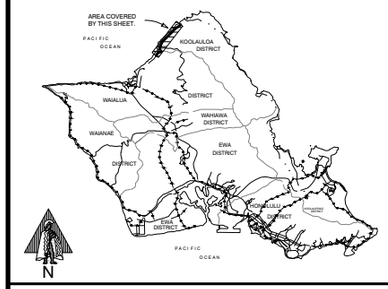
Right of Way Fence: Type - Right and Left (CL=Chain Link W/W=Wire on Wood FP=From Edge of Pavement)
(10' FP) 7.62 C.L. 7.78 7.90 W/W 8.00 | 8.08 C.L. 8.26 | 15' FP 9.02 W/W 9.09 | 15' FP 9.35 C.L. 9.42 | 66' C.L. 74 20' FP 9.59 W/W 9.71 9.75 | C.L. 9.84 (W/W) 9.87

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

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

Project No., Type of Construction, and Year Constructed
(NH-0300(166), Guardrail Imprv., 2024) 5.50 5.50 6.25 6.44 | (83B-01-98, 2001 Inter. Imp.) | (NH-083-1(072), RESURFACE, 2020) 345+00 0.00

Project No., Type of Construction, and Year Constructed
83B-01-97M Resurface 1997 5.66 5.90 (STP-083-1(45), 2000 Rockfall Remediation) | 83B-01-88M Resurface 1988 | 8.34 FR-083-1(18), (R) 1983



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

5.000 mi. CONTINUED FROM SHEET 1

'Ili Ohu Place | Waimea Valley Adventure Park | Waimea Bay Park Road | Waimea Bridge | Waimea Bay Beach | Kapuhi Street | Bridge Begin Divided Hwy. | Bridge End Divided Hwy. | Pu'ula Road | Kumupali Road | Ke Iki Road | Shopping Cntr. Rds. | Speed Table | Hakuola Road | Ke Iki Road | Kaiaka Place | Kahae Road | Ke Iki Road | Ke Waena Road | Culvert | Ke Waena Road | Pukea Road | Private Road | Private Road | Ke Nui Road | Sunset Beach Elem. School and Neighborhood Park | Ehukai Beach Park | Ke Nui Road | Barros Road | Ke Nui Road | Ke Nui Road | Sunset Beach @ Lifeguard Stand) | Paumalu Bridge | Ke Nui Road | Hoalua Street | Sunset Beach Support Park | Culvert | Kapuai Place | Oopuola Street | Kaunala Bridge | Kaunala Place | Maka Place | Kaunala Street | Iwia Place | Mamao Street | Culvert | Paved Road | Culvert | Dairy Road

KAMEHAMEHA HIGHWAY — MPM 5 | MPM 6 | MPM 7 | MPM 8 | Paumalu Place | MPM 9 | Wahiawa Pl. | MPM 10

5.054 mi. 5.525 mi. 5.562 mi. 5.630 mi. 5.824 mi. 6.161 mi. 6.252 mi. 6.300 mi. 6.354 mi. 6.396 mi. 6.446 mi. 6.562 mi. 6.678 mi. 6.704 mi. 6.831 mi. 6.843 mi. 6.891 mi. 6.981 mi. 7.007 mi. 7.106 mi. 7.232 mi. 7.275 mi. 7.338 mi. 7.353 mi. 7.478 mi. 7.562 mi. 7.710 mi. 7.726 mi. 7.770 mi. 8.077 mi. 8.103 mi. 8.216 mi. 8.336 mi. 8.516 mi. 8.557 mi. 8.583 mi. 8.713 mi. 8.790 mi. 8.860 mi. 8.877 mi. 9.077 mi. 9.112 mi. 9.172 mi. 9.183 mi. 9.211 mi. 9.261 mi. 9.306 mi. 9.350 mi. 9.551 mi. 9.583 mi. 9.648 mi. 9.727 mi. 9.940 mi.

10.000 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 | 9.72 E.L.M.R.S.

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

Shoulder: Width and Type
5' AC 5.70 | 4' AC 5.96 | 5' AC | 0 | 5' AC | 4' AC | 9.72 E.L.M.R.S.

Divided Highway — Divided

Median: Width and Type
8' Paint | C.L.M.R.S.

Median Barriers:
2.52 | 4.28

Shoulder: Width and Type
0

Pavement: Width and Type
10' AC

Shoulder: Width and Type
5' AC

Number of Traffic Lanes
2-11' 5.94 | 2-10' 7.50 | 2-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
10' T.Ls. .306 .332 .396

(Right Side)

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

Sidewalk: Width and Type (Right and Left)
.614 5' Concrete .896 | (6' Concrete) .007 .026

Curb and/or Gutter: Type (Right and Left)
.459 .492 .525 .533 .612 Concrete Curb | (CCG) .332 .374 | (4' Gutter) .626 .706 | MR .399 4' Gutter .725
.239 6' Conc. Gutter

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. MR=Metal Rail MCB=Metal on top of Concrete Barrier CB=Concrete Barrier)
.171 .477 CB .536 | CB .647 .700 | .714 MCB .901 .087 (Conc. Barrier w/ Metal Netting) | .022 .074 .345 .360 .281 .330 TEMP. BARR. | .509 .545 .862 .887 .198 .208 .235 .233 .574 .603 .600 .640 .641 .665 .663 .79 .78 .83 .81 .92 .90 .86

Illumination: Type, Location and Number
LED 5.13 .583 .620 .676 | LED .511 | LED .498 | LED .963

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
A .112 D .233 .256 A .325 .374 C A .432 D .575 A .596 E .727 A .804 C .893 D .924 AC | .112 A .257 | BA

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
C .199 B .440 C .580 A .883 C .950 B 1.15 A .400 B .681 A .260 B .327 A .890 B .976 A .002 B .193 A .291 B .395 A .705 B .819 A .975 B .811 A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Small Urban (99998)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous
Flat (1) | Mountainous (3) 6.57 | Rolling (2)

Speed: 1-Design, 2-Posted
35 MPH (2) | .805 .804 School Zone 25 MPH (2) .001 .035 35 MPH (2) .523 .376 School Zone 25 MPH (2) .981 | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing
2 Phase 3.33

Traffic Stations (Current Year)
B72 0083 00358 | B72 0083 00776 | B72 0083 01136

HPMS Sections - AADT 2023
15,100 | 6.33 | 11,800 | 9.07 | 8,566

HPMS Sections - AADT 2022
14,200 | 11,470 | 8,359

HPMS Sections - AADT 2021
15,100 | 11,800 | 8,600

DOD Sections
DOD 340

Census Tracts

Functional Classification
Principal Arterial (3)

National Highway System (NHS)
ON NHS (1)

Previous Projects: Project No., Date and Limits
83B-01-87M, (R) 1987 | 7.49
WDR (3)1, 1940 6.39 | 83C-03-68, 1968 | 9.35 FR-083-1(18), (R) 1983
FAP 3-A, 1928 5.70 5.91 (83B-01-77M, (Realign.) 1977) | FAP 3-A, 1928 | 9.25 321+00 FAP 3-B, 1930

SCALE: (In Miles) 4" = 1 mile

Date Released Jan. 2003, D.B.	
Revised	
8/04	D.B.
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

OAHU RTE 83

KAMEHAMEHA HIGHWAY

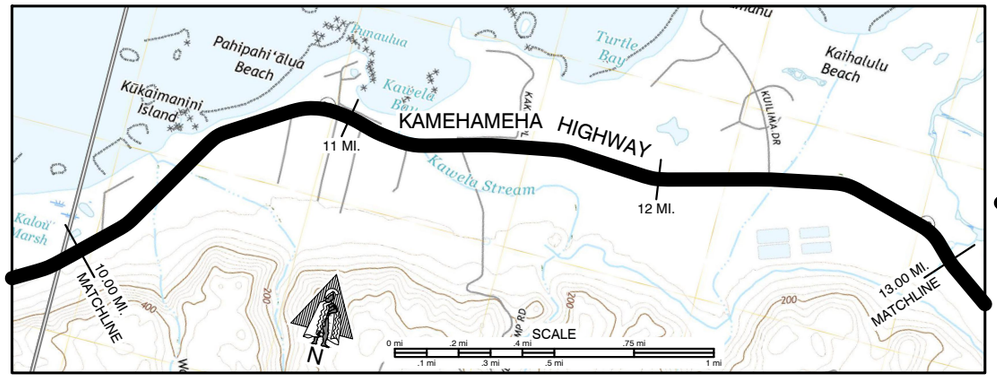
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

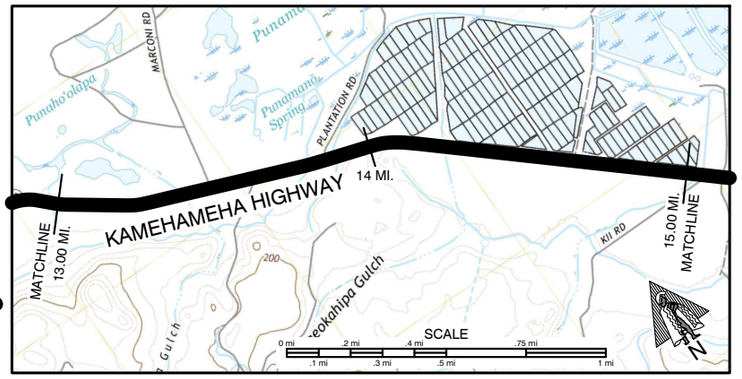
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	43.904	MILES (a+b)
a. Existing Length:	43.904	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	43.904	MILES (a+b, less c)
a. Existing Length:	43.904	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Maintenance Control Sections : Length and Description

83B (11.97 mi.) | End 83B - Begin 83C on Kamehameha Hwy., 0.60 mi. East of Kahuku Airport Road. | 14.98 | 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' — 12.37 — 24'
Tee Beam 1931, H15 — 26' — 13.38 — 24'

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 50' | 60' (14.00)

Available Right of Way Width (Needs Study): (Residential) 10.06 — 1000' Clear - Sugar & Pasture (R), Beach (L)

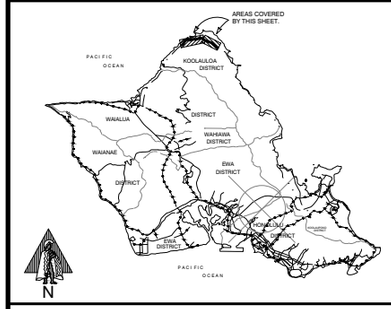
Right of Way Fence: Type - Right and Left (W/W=Wire on Wood CL=Chain Link FP=From Edge of Pavement): 11.37 W/W 20' FP 11.52 — 11.73 CL 25' FP 12.48 — 14.06 10' FP W/W 14.22 — 14.53 15' FP W/W 14.91

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed: NH-083-1(072) RESURFACE, 2020



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 2 — 10.000 mi.

Crawford's Convalescent Home — Culvert — Culvert — Waiakea Br. — Beach Park — Pahipahialua St. — Kawela Br. — Kawela Camp Rd. — Culvert — Kuilima Br., Kuilima Rd. (Turtle Bay Hilton) — Culvert — Culvert — Culvert — Waiahole Rd. (Kahuku Airport Rd.) — Nanahu Br. — Kahuku Training Area — Road — Culvert — Culvert

KAMEHAMEHA HIGHWAY — Paved Rd.

10.5 MPM — 11 MPM 10.95 mi. — 11.5 MPM — 12 MPM — 12.5 MPM — 13 MPM — 13.5 MPM — 14 MPM — 14.5 MPM

10.068 mi. | 10.290 mi. | 10.353 mi. | 10.409 mi. | 10.450 mi. | 10.583 mi. | 10.344 mi. | 10.950 mi. | 11.220 mi. | 11.357 mi. | 11.47 mi. | 11.917 mi. | 11.990 mi. | 12.382 mi. | 12.388 mi. | 12.339 mi. | 12.490 mi. | 12.823 mi. | 12.907 mi. | 13.000 mi. | 13.169 mi. | 13.384 mi. | 13.510 mi. | 13.485 mi. | 13.624 mi. | 13.805 mi. | 13.856 mi. | 14.010 mi. | 14.226 mi. | 14.510 mi.

CONTINUED ON SHEET 4 — 15.000 mi.

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Divided Highway — Undivided

Shoulder: Width and Type: 4' AC

Pavement: Width and Type: 22' AC

Shoulder: Width and Type: 4' AC

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 (All Metal Rails on Metal Posts unless otherwise noted.): .26 .30 .31 .33 .38 .39 .44 .45 — .31 .34 — .34 .36 .38 .40 — .717 .717 .756 .90 .94 — .15 .19 — .370 .373 .403 .396 — .77 .79 .83 — .970

Illumination: Type, Location and Number

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A .140 B .210 A .527 C .693 A .807 B .039 A .161 B .284 A .659 B .777 A .963 B .028 A .540 B .641 A .845 C .947 A .035 B .055 A .225 B .286 A

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): A .145 B .396 A .826 B .948 A .114 B .205 A .874 B .037 A .267 B .282 A .598 B .896 A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Flat (1) — Rolling (2) 10.54

Speed: 1-Design, 2-Posted: 45 MPH (2) — 35 MPH (2) .26 — 45 MPH (2) .842 — 35 MPH (2) .843 — 45 MPH (2) .858

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B72 0083 01136 — B72 0083 01504

HPMS Sections - AADT 2023: 8,566 — 8,600

HPMS Sections - AADT 2022: 8,359 — 8,165

HPMS Sections - AADT 2021: 8,600 — 12.35 — 8,400

DOD Sections: DOD 340 — 13.48 — DOD 341

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

83BC-03-89M, (R) 1990 — 10.50 — 10.51 — 11.38 NH-083-1, (R) 1996 — 11.83 — 83BC-03-89M, (R) 1990 — FR-083-1(18), (R) 1983 — FAP 3-B, 1931 — 10.42 — 376+00 — 83C-03-68, 1968 — 12.37 — FAP 3-E, 1931 — C-83-02-66, (R) 1966

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Date Released	
Jan. 2003	D.B.

Revised	
8/04	D.B.
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

OAHU RTE 83

KAMEHAMEHA HIGHWAY

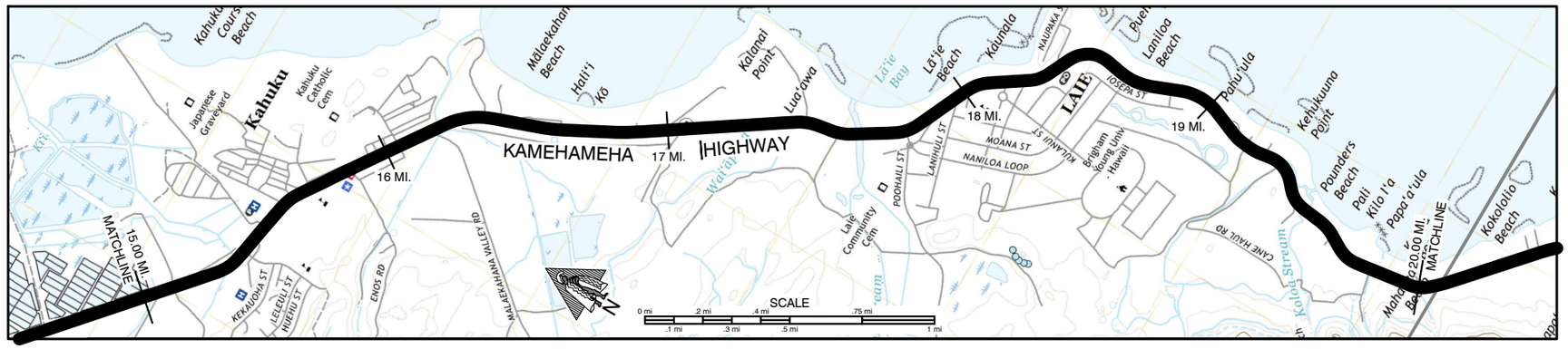
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	43.904	MILES (a+b)
a. Existing Length:	43.904	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	43.904	MILES (a+b, less c)
a. Existing Length:	43.904	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

83C (7.62 mi.)

Structure Carrying Road

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

Vertical Clearance: 15.04 | 16.16 | 17.66 | 18.31 | 19.56

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

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 60' | 16.07 | 50'

Available Right of Way Width (Needs Study): 1000' Clear-Sugar & Pasture (R) | Beach (L) | 15.40 | Residential | 16.15 | Trees and Brush (W/W) | 17.78 | Residential | 19.27 | Trees and Brush (W/W)

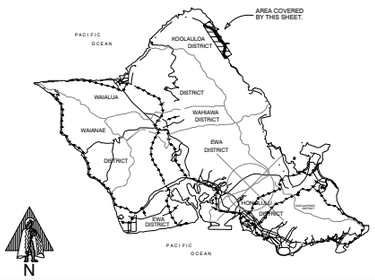
Right of Way Fence: Type - Right and Left (W/W=Wire on Wood, CL=Chain Link, SW=Stone Wall, FP=From Pavement): .16 W/W 30' FP | 15.35 | 20' FP | CL | 20' FP | 16.03 | 16.43 | (W/W) | 16.47 | 15' FP | 17.01 | W/W | 17.23 | 17.48 | 17.86 | Conc. | 17.95 | 10' FP | 18.05 | W/W | 18.12 | 10' FP | 18.21 | SW | 18.27 | 18.69 | W/W | 18.79 | 19' FP | 18.91 | 18.95 | 19.08 | 19' FP | 19.03 | 19.20 | W/W | 19.27 | 19' FP | 19.78 | SW | 12' FP | 9.84 | SW | 12' FP | 19.82

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: 623+65 | 644+54 | NH-083-1(46) Drainage Imp, 2005 | 657+40.41 | 666+38.50 | 83C--01-06 IMPRV., 2009 | NH-083-1(072), RESURFACE 2020 | 1412+00 | 3296+24.41 | (BR-083-1(50), Bridge Replacement, 2007)

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

CONTINUED FROM SHEET 3 — 15.000 mi.

Paved Rd. | Kii Br. | Paved Rd. | Pualalea St. Beg. Divided Hwy. Hospital Culvert | Kahuku Sugar Mill | Beg. Divided Hwy. End Divided Hwy. Road | Pu'uluena St. | End Divided Hwy. | High School Ext Beg. Divided Hwy. | Paved Rd. Speed Table | Paved Rd. | Paved Rd. | Malaekahana Stream Bridge | Paved Rd. | Ent. to Malaekahana State Rec. Area | Puu Honua Rd. | KAMEHAMEHA | Gunstock Ranch | Rd. to Malaekahana State Rec. Area | Road Widening Place (County Baseyard) | HIGHWAY | Laiewai Br. | Nanloa Loop | Wahinepee St. | Speed Table Kulanui Pl. Lanihuli St. | Speed Table Hale Laa Blvd. Speed Table | Beg. Divided Hwy. Laielua Br. | Anemoku St. Laie Shopping Ctr. Beg. Divided Hwy. | End Divided Hwy. | Nanloa Loop | Polynesian Cultural Cntr. | Polynesian Cultural Cntr. Beg. Divided Hwy. | Polynesian Cultural Cntr. End Divided Hwy. | Culvert (Waiaiele Strm.) Pakelo Place | Laie Beach Park Road Laiemaboo Br. | Culvert

15.029 mi. | 15.111 mi. | 15.354 mi. | 15.387 mi. | 15.331 mi. | 15.494 mi. | 15.592 mi. | 15.696 mi. | 15.604 mi. | 15.708 mi. | 15.797 mi. | 15.808 mi. | 15.812 mi. | 15.913 mi. | 15.910 mi. | 16.044 mi. | 16.151 mi. | 16.186 mi. | 16.442 mi. | 16.487 mi. | 17.047 mi. | 17.196 mi. | 17.536 mi. | 17.552 mi. | 17.684 mi. | 17.830 mi. | 17.977 mi. | 18.046 mi. | 18.092 mi. | 18.104 mi. | 18.220 mi. | 18.232 mi. | 18.316 mi. | 18.332 mi. | 18.366 mi. | 18.429 mi. | 18.541 mi. | 18.698 mi. | 18.908 mi. | 19.010 mi. | 19.056 mi. | 19.172 mi. | 19.185 mi. | 19.263 mi. | 19.331 mi. | 19.505 mi. | 19.586 mi. | 19.795 mi. | 19.828 mi.

CONTINUED ON SHEET 5 — 20.000 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type — 4' AC | 40' Grass | 6' AC | 8'-13' Grass | 16'-22' Grs. | 10'-16' Grass | 8'-14' Grass | 16'-18' Grass | 8'-10' Coral | 3' AC | 10'-12' Grass/Coral

Pavement: Width and Type — 22' AC | 11' AC | (22' AC) | 11' AC | 22' AC | 24' AC | 22' AC | (11' AC) | 22' AC | 11' AC | 22' AC

Shoulder: Width and Type — 4' AC | 0 | (2' AC) | 0 | 20'-24' Dirt | 6' AC | 6'-12' Grass | 8' Grass | 6'-10' AC/Grv | 6' Grass | 6'-22' Grass | 3' AC | 0 | (1' AC) | 0 | 8'-10' Grass | 10' AC | 0 | 10' AC | 8' Grass/Dirt | 10' Grv. | 8' Grass

Median: Width and Type — (10' Painted AC) | 6' Prtd. AC | 10' Painted AC | (4' Prtd. AC) | (0'-10' Painted AC) | 0'-12' Painted AC

Median Barriers: .364 | .387 | .484 | .604 | .686 | .797 | .302 | .366 | .459 | .541 | .910 | .172

Shoulder: Width and Type — 0 | 0 | 0 | 0 | 0

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

Shoulder: Width and Type — 2' AC | 6' AC | (3' AC) | 3' AC | 10' AC

Number of Traffic Lanes — 2-11' | 16.09 | 2-12' | 16.30 | 2-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — .467 | .570 | 10' (L) TLs | .387 | .535 | .765 | .432 | .494 | .708 | .668 | .708 | 10' (L) TLs | .345 | .403 | .366 | .497 | .388 | .429 | .340 | .132 | .010 | .056 | .908 | .185 | .262

(Right Side)

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

Sidewalk: Width and Type (Right and Left) — .884 | 4' AC | .044 | .307 | 8' AC Bikepath | .507 | .681 | 4' Conc. | .821 | (5' Concrete) .225 | .251 | .215

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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. — .003 | .081 | .017 | .079 | .014 | .303 | .305 | .366 | .307 | .171 | .161 | .253 | .248 | .642 | .646 | .707 | .728 | .320 | .307 | .331 | .330 | .494 | .495 | .531 | .530 | .949 | .944

Illumination: Type, Location and Number — LED | LED | LED | LED | LED

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — A .259 B .364 A .383 C .697 A .756 BA .221 B .303 A .442 B .598 A .964 B .651 A .779 B .895 A .920 C .183 A .308 C .387 A .455 C .628 A .660 B .804 A .805 C .928 A .415 C .575 AB .255 C .509 A .295 B .804 A .892 C .774 A .196 C

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45) — A .080 B .209 A .440 B .459 A .072 B .145 A .491 B .698 A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

Speed: 1-Design, 2-Posted — .953 — 45 MPH (2) .310 | 35 MPH (2) .609 | School Zone 25 MPH (2) .606 | 35 MPH (2) .739 | 25 MPH (2) .132 | 45 MPH (2) .131 | 35 MPH (2) .958 | 45 MPH (2) .534 | 35 MPH (2) .578 | .882 | School Zone - 25 MPH (2) .876 | .469 | 25 MPH (2) .234 | 35 MPH (2) .289

Intersection Control Devices: Type, Location and Cycle Timing — .702 3 Phase | .492 3 Phase

Traffic Stations (Current Year) — B72 0083 01504 | B72 0083 01720 | B72 0083 01919

HPMS Sections - AADT 2023 — 8,600 | 13,300 | 14,500

HPMS Sections - AADT 2022 — 8,165 | 11,664 | 15,100

HPMS Sections - AADT 2021 — 8,400 | 12,000 | 14,789

DOD Sections — DOD 341

Census Tracts

Functional Classification — Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits — 83BC-03-89M, (R) 1990 | (BR-083-(27) Bridge Replacement 1999) | NH-083-1(31), Resurface 1996 | (STP-083-1(44)), Traffic Signals 2000) | NH-083-1(31), Resurface 1996

83C-01-86M, (R) 1986 | 83 DF-01-69, (R) 1969 | 83C-01-81M, (R) 1981

C-83-02-66, (R) 1966 | FAP 3-E, 1931 | FAP 3-E, 1937 | FAP 1-E, 1932 | FAP 1-D, 1933 | (FAP 1-E, 1932) | FAP 1-D, 1933 | (FAP 1-E, 1932)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Jan. 2003,	D.B.
Revised	
8/04	D.B.
5/06	G.N.
12/07	D.B.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY
OAHU RTE 83
KAMEHAMEHA HIGHWAY

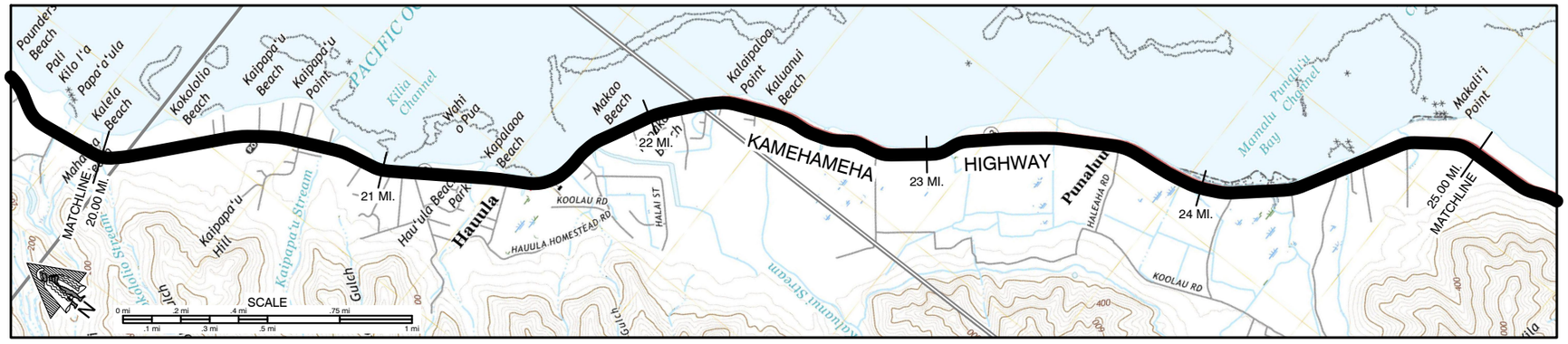
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	43.904	MILES (a+b)
a. Existing Length:	43.904	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	43.904	MILES (a+b, less c)
a. Existing Length:	43.904	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	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. | 83D (12.61 mi.)

Structure Carrying Road

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

| | | |

ROAD INVENTORY
OAHU RTE 83
KAMEHAMEHA HIGHWAY

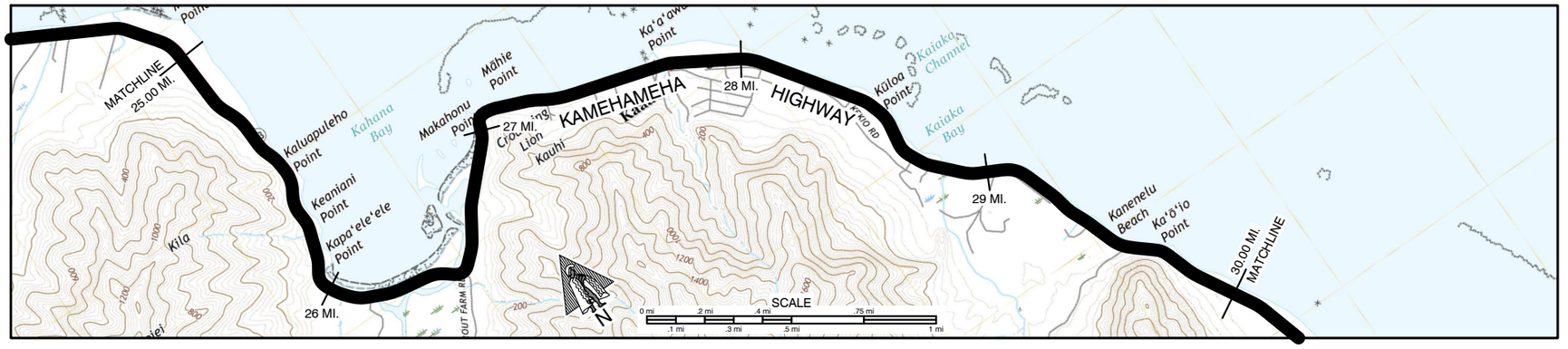
STATE OF HAWAII
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Total Travel Way Length:	43.904	MILES (a+b, less c)
a. Existing Length:	43.904	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

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

Prestressed Plank, 2011, H15 | Slab 1927, H15 | TBM 1927, H15 | Slab 1927, H15

128' (26.15 – 26.44) | 90' | 44' (27.26 – 27.70) | 126' (28.82 – 29.22)

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

40' | 23' | 23' | 23'

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

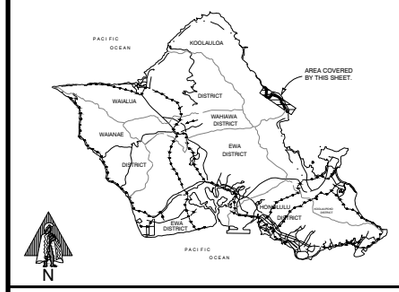
10' FP W/W (25.17 – 25.51) | 10' FP W/W (26.06 – 26.17) | 10' FP CL (26.17 – 26.22) | 10' FP CL (26.22 – 26.28) | 10' FP CL (27.67 – 27.72) | CL (27.72 – 27.86) | 15' FP W/W (28.39 – 28.56) | 15' FP CL (28.56 – 28.60) | 15' FP W/W (28.79 – 28.95) | 15' FP W/W (28.95 – 29.09) | 15' FP SW (29.09 – 29.27) | 15' FP W/W (29.48 – 29.61) | 15' FP W/W (29.87 –)

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

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

Project No., Type of Construction, and Year Constructed: 83D-01-96M, Resurface 1997 | HSIP-083-1(67), Safety Improvments, 2019 | HSIP-083-1(069), SAFTEY IMPROVEMENTS, 2017

Project No., Type of Construction, and Year Constructed: NH-083-1(43) RESURFACE 2005



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 5 — 25.000 mi.

Kahana Bay Wharf | Kahana Bay Beach Park Culvert | North Kahana Stream Bridge | Ahuimanu Kahana State Park | Parking Area | Trout Farm Road Kahana Br. | Driveways to Crouching Lion | Street to Makaua Village | Kiko Place | Lau Place | Makaua Bl. Road | Makaua Fire Station Makaua St. Makaua Bl. Road | Swanzy Beach Park | Hi'ilaka Rd. Culvert | Poilnalna Rd. Culvert | Puakenikeni Rd. Culvert | Ohelokai Rd. | Kaa'awa Beach Park Speed Table | Kaa'awa Elem. School | Kaa'awa Br. Kaa'awa Place Kaa'awa Pohue hue Rd.

KAMEHAMEHA HIGHWAY

25 MPM | 26 MPM | 27 MPM (R) | 28 MPM

25.275 mi. | 25.863 mi. | 26.032 mi. | 26.116 mi. | 26.150 mi. | 26.307 mi. | 26.336 mi. | 26.338 mi. | 26.437 mi. | 26.485 mi. | 26.942 mi. | 27.152 mi. | 27.182 mi. | 27.267 mi. | 27.446 mi. | 27.518 mi. | 27.632 mi. | 27.674 mi. | 27.696 mi. | 27.733 mi. | 27.829 mi. | 27.875 mi. | 27.925 mi. | 28.008 mi. | 28.064 mi. | 28.228 mi. | 28.249 mi. | 28.385 mi. | 28.457 mi. | 28.488 mi. | 28.503 mi. | 28.597 mi. | 28.715 mi. | 28.784 mi. | 28.808 mi.

CONTINUED ON SHEET 7 — 30.000 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 4' AC | 6'-8' Grass | 10'-12' Grass | 4' AC | 4'-6' AC | 6'-12' AC | 6' AC | FROM 27.40 MI. EDGELINE RUMBLE STRIP

Pavement: Width and Type: 24' AC | 20' AC | 22' AC

Shoulder: Width and Type: 5' AC | 7'-10' Coral | 0 | 8'-10' Grs | 4' AC | 8' AC/Grs. | 10' AC | 6' AC | FROM 27.36 MI. EDGELINE RUMBLE STRIP

Median: Width and Type: FROM 26.13 MI. CENTERLINE RUMBLE STRIP

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes: 2-12' | 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 Metal Rails on Metal Posts unless otherwise noted.): Concrete Curb (TEMP. BARR.)

Illumination: Type, Location and Number: LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B72 0083 02752 | P72 0000 00029

HPMS Sections - AADT 2023: 9,761 | 12,500

HPMS Sections - AADT 2022: 9,526 | 12,300

HPMS Sections - AADT 2021: 9,800 | 12,100

DOD Sections: DOD 341

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

83D-01-96M, Resurface 1997 | (83 DEF-01-82M (R) 1983) | 83 DF-01-69, (R) 1969 | 83 DF-01-69, (R) 1969 | FR-083-1(17), Resurface 1983 | 83E-02-68, 1968 | 83D-01-72, 1973 | (Job # 5616 1952) FAP 1, 1925 | 83D-01-86M, Resurface 1987 | 83-E-02-68, 1968

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Date Released
Jan. 2003, D.B.

Revised	
3/03	D.B.
8/04	D.B.
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
12/19	D.B.

ROAD INVENTORY

OAHU RTE 83

KAMEHAMEHA HIGHWAY

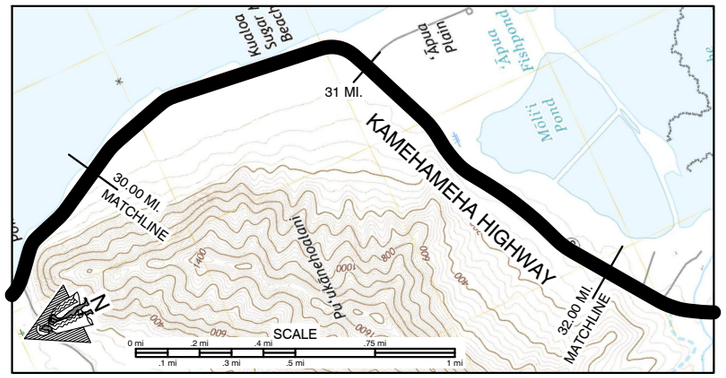
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

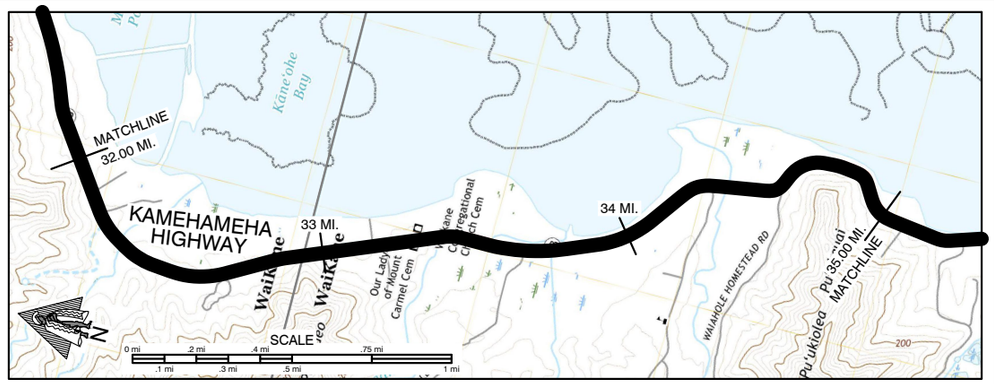
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	43.904	MILES (a+b)
a. Existing Length:	43.904	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	43.904	MILES (a+b, less c)
a. Existing Length:	43.904	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

83D (12.61 mi.)

End 83D - Begin 83E at the Centerline Intersection with Waiahole Valley Road. 34.14

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
TBM 1922, H15 — 32' — 30.41 — 30.81 — TBM 1928, H15 — 44' — 33.54 — Slab 1928, H15 — 54' — 33.78 — TBM 1922, H10 — 66' — 34.35

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)

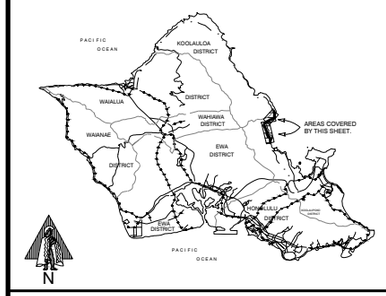
Right of Way Fence: Type - Right and Left (W/W=Wire on Wood FP=From Pavement)
Residential — 15' FP W/W — 10' FP W/W — 10' FP W/W — 15' FP W/W — Pasture & Residential — 20' FP W/W — 12' FP W/W — (20' FP W/W) — 20' FP W/W

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 — HSIP-083-1(069), SAFETY IMPROVEMENTS, 2017 — HSIP-083-1(66), SAFETY IMPROV., 2021

Project No., Type of Construction, and Year Constructed — N-083-1(43), RESURFACE 2005 — STP-083-1(28), Resurface 1996



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 6 — 30.000 mi.

Telem. Sta. 029 Old Sugar Mill Smoke Stack — Kualoa Ranch Rd. — Beg. Divided Hwy. — Rd. to Kualoa Regional Park — End Divided Hwy. — Kualoa Regional Park Maintenance Yard — Culvert — Culvert — Tropical Farms Macadamia Outlet — Johnson Rd. — Hakipuu Br. — Tourist Shops — Culvert — Kamaka Place — Haupoa St. — Waikane Br. — Waikane Valley Rd. — North Waiahole Br. — Culvert — Culvert — Culvert — Waiahole Valley Road — Waiahole County Br. — Waiahole Hmstd. Road

KAMEHAMEHA HIGHWAY

30 MPM — 33 MPM — 33.5 MPM — 34 MPM

30.570 mi. 30.578 mi. — 30.729 mi. — 30.959 mi. — 31.006 mi. — 31.101 mi. — 31.207 mi. — 31.528 mi. — 31.897 mi. — 32.013 mi. — 32.200 mi. — 32.295 mi. — 32.447 mi. — 32.850 mi. — 33.060 mi. — 33.190 mi. — 33.315 mi. — 33.540 mi. — 33.646 mi. — 33.729 mi. — 33.830 mi. — 33.910 mi. 33.937 mi. — 33.976 mi. — 34.314 mi. — 34.357 mi. — 34.320 mi. 34.528 mi.

CONTINUED ON SHEET 8 — 35.000 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

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

Pavement: Width and Type — 22' AC — 11' AC — 22' AC — 4' AC — (12' AC) — 3'-5' AC

Shoulder: Width and Type — 5' AC — 6' AC — 6' AC — 3'-5' AC

Median: Width and Type — CENTERLINE MILLED RUMBLE STRIP — 9' PAINT — (RAISED PAVEMENT MARKERS)

Median Barriers:

Shoulder: Width and Type — 0

Pavement: Width and Type — 11' AC

Shoulder: Width and Type — 6' AC

Number of Traffic Lanes — 2-11'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) — (4' Gutter)

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)

Illumination: Type, Location and Number — LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Small Urban (99998) — Urbanized-Small (43669)

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — P72 0000 00029 — B72 0083 03604

HPMS Sections - AADT 2023 — 12,500 — 20,300

HPMS Sections - AADT 2022 — 12,300 — 16,816

HPMS Sections - AADT 2021 — 12,100 — 17,100

DOD Sections — DOD 341

Census Tracts

Functional Classification — Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

83D-01-86M (R) 1987 — FAP 1, 1925 — 83D-01-88M, Resurface 1988 — 83E-02-68, 1968 — FAP 1B, 1927 — (FAP 1A, 1925) — STP-083-1(28), Resurface 1996 — F-083-1(22), Resurface 1986 — HES-ROS-083-1(12), (Safety Improvements) 1986 — 83E-01-74, (R) 1975 — County Project

SCALE: (In Miles) 4" = 1 mile

Date Released
Jan. 2003, D.B.

Revised	
8/04	D.B.
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
1/22	D.B.

ROAD INVENTORY

OAHU RTE 83

KAMEHAMEHA HWY., KAHEKILI HWY.

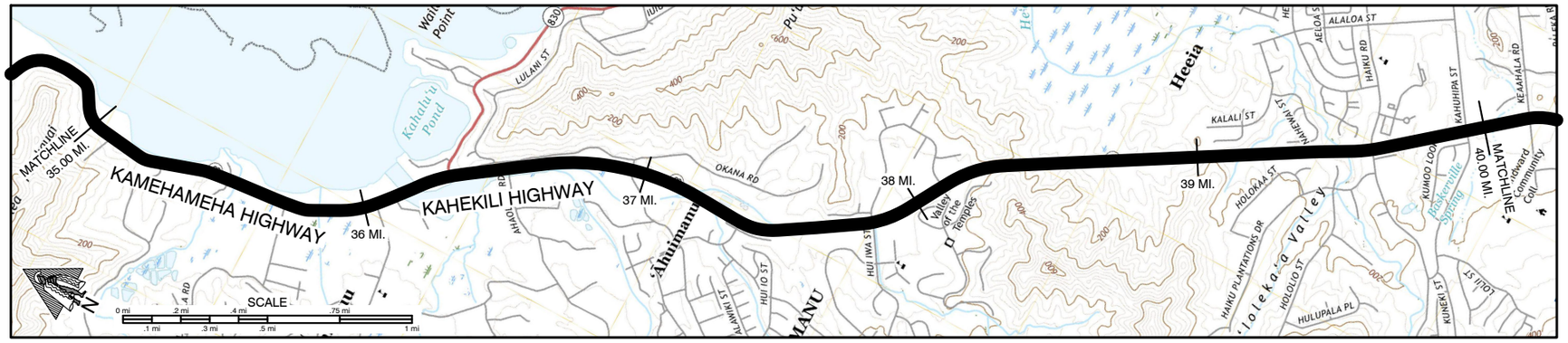
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
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FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	43.904	MILES (a+b)
a. Existing Length:	43.904	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	43.904	MILES (a+b, less c)
a. Existing Length:	43.904	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

35: 83E (1.82 mi.)
36: 36.13 End 83E - Begin 83F on Kam. Hwy., at N.W. end of Kahaluu Bridge.
36: 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 — 29' — 35.86 — 90' — 36.13
- P/CB 1971, HS20 — 82' — 37.16

Vertical Clearance
- 23' — 28' — 23' — 46'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies
- 50' — 36.19
- 170'-230' — 37.22
- 120'

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

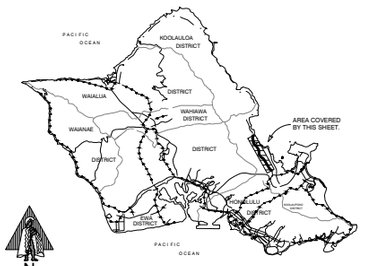
Right of Way Fence: Type - Right and Left (W/W=Wire on Wood, FP=Fim Pavement)
- 15' FP W/W — 35.79 — 36.14
- 50' FP W/W — 37.28 — 37.49
- 39.99 (CL) — W/W — 39.85 — 39.96

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- State — 206+40 — 36.96 — 158+73.91 — 37.78 — 129+71.28 — 38.33 — 64+16.39 — 39.57

Project No., Type of Construction, and Year Constructed
- HSIP-083-(66), SAFETY IMPROV., 2021 — 420+30 — 36.19 — 231+30 — 36.41
- NH-083-1(60), Inter. Impr., 2009
- NH-083-1(49), Landscaping, 2006

Project No., Type of Construction, and Year Constructed
- STP-083-1(28), Resurface 1996 — 36.37 — (83F-01-99, Inter. Impr., 2009)
- 83F-01-97M, Resurface 1998
- NH-083-1(26), Widening 1997



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

CONTINUED FROM SHEET 7

35.000 mi. — 34.5 MPM — Kamaholo Place — Culvert — Culvert Pulema Rd. Culvert — Kalalea Br. — Kalalea Rd. — 35.490 mi. — 35 MPM — 35.51 mi. — Waiehua Rd. — Halemoa Stream Br. — 35.5 MPM — Speed Table Waiehe Rd. — Beg. Divided Hwy. — Kaluku Stream Br. — Kamehameha Hwy. End Divided Hwy. — Tourist Stop — Beg. Divided Hwy. — Luluni St. — End Divided Hwy. — 38 MPM — KAMEHAMEHA HWY. — KAHEKILI HWY. — Beg. Divided Hwy. — Ahuimanu Rd. — End Divided Hwy. — Ahuimanu Strm. Br. — Beg. Divided Hwy. Paved Road — Ahuimanu Pl. (R) — Speed Treatment — Beg. Divided Hwy. — End Divided Hwy. — 37 MPM (Post Only) — Beg. Divided Hwy. — West Hui Iwa Street — East Hui Iwa Street — End Divided Hwy. — Enf to Valley of the Temples — 38 MPM (Post Only) — Beg. Divided Hwy. — Haiku Rd. — 39 MPM — Kahuhipa St. — 40.000 mi. — CONTINUED ON SHEET 9

35.010 mi. — 35.071 mi. — 35.233 mi. — 35.257 mi. — 35.304 mi. — 35.505 mi. — 35.522 mi. — 35.713 mi. — 35.813 mi. — 36.036 mi. — 36.070 mi. — 36.123 mi. — 36.162 mi. — 36.088 mi. — 36.264 mi. — 36.296 mi. — 36.407 mi. — 36.503 mi. — 36.510 mi. — 36.590 mi. — 36.842 mi. — 36.935 mi. — 37.044 mi. — 37.156 mi. — 37.232 mi. — 37.272 mi. — 37.355 mi. — 37.471 mi. — 37.526 mi. — 37.640 mi. — 37.814 mi. — 38.084 mi. — 38.324 mi. — 38.551 mi. — 39.413 mi. — 39.569 mi. — 39.587 mi. — 39.918 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- (4' AC) — 35.12 — 4' AC — 4' Dirt — 36.21 — 4'-8' AC — 12' AC — 37.18 — 4' AC — 37.90 — 10' AC — 4' AC — 8' Dirt — 39.11 — 8'-10' AC/Dirt — 10' AC — 6'-10' AC — 5' Conc. Bike Lane

Pavement: Width and Type
- (10'-12' AC) 22' AC — 35.51 — 21' AC — 12' AC — 24' AC — 12' AC — 24' AC — 12' AC — 24' AC — 12' AC — 24' AC — 12' AC — 24' AC — 36' AC

Shoulder: Width and Type
- 3'-5' AC — 0 — (RAISED PAVEMENT MARKERS) — 18 — 0 — 5' AC — 0 — 12' AC — 24' AC — 0 — 12' AC — 4' AC — 0 — 10'-12' Grass — 0 — 8' Dirt — 39.89 — 6' AC/Dirt — 39.11 — 10' AC — (12'-22' Painted AC) — 0 — (14' Conc. Median Barrier Painter with Shrubs)

Median: Width and Type
- CENTERLINE MILLED RUMBLE STRIP — .12' — 0'-8' Paint — .39 — R.P.M. .58 — CL M.R.S. .82 — 0'-8' Pairt — 0'-10' Paint — 0'-14' Paint — 0'-8' Paint — 12'-22' Painted AC

Median Barriers: ——— = Conc. Barrier
- .182 — .264 — .407 — (0'-8' Paint) — .880 — .942 — .044 — .272 — .671 — .940 — .324 — .413 — .987 — (2' Conc. Barr.) — (2' Conc. Barrier) — .693 — 0 — .829

Undivided

Shoulder: Width and Type
- 0 — 0 — 0 — 0 — 0 — 0

Pavement: Width and Type
- 12' AC — 12' AC — 12' AC — 12' AC — 12' AC — 12' AC — 12' AC — 12' AC — 12' AC — 24' AC — 36' AC

Shoulder: Width and Type
- 5' AC — 12' AC — 12' AC — 4' AC — 37.72 — (10'-12' Grass) — 10'-12' Grass — 37.89 — 6' AC — 4' AC — 5' Conc. Bike Lane

Number of Traffic Lanes
- 2-11' — 35.51 — 2-10.5' — 2-12' — 1-12' — 2-12' — 3-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- 12' T.Ls — 1-10' T.L — 12' TLs — 12' TLs — 1-12' — 2-12' — 3-12'

(Right Side)

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

Sidewalk: Width and Type (Right and Left)
- 5' CONC S.W. — 6' Conc. S.W.

Curb and/or Gutter: Type (Right and Left) (CCG=Concrete Curb and Gutter, CC=Concrete Curb)
- CC — (6' Gutter) — CCG — AC Curb — Concrete Curb and Gutter

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. MCB=Metal on top of Concrete Barrier)
- AC Curb — MCB

Illumination: Type, Location and Number
- LED — 36.33 — LED — 36.56 — LED — MCB — 36.59 — LED

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- C .098 A .182 C .243 A .360 B .451 A .796 C .893 — A — .346 B .492 — A

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- B .301 A .393 B .494 A .782 — B .954 C 1.126 A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Urbanized-Small (43669)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous
- Flat (1) Rolling (2) — 35.71 — Flat (1) — 36.89 — Flat (1) Rolling (2) — 37.63 — Rolling (2)

Speed: 1-Design, 2-Posted
- 35 MPH (2) — 37.97 — 35 MPH (2) — 45 MPH (2) — 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing
- 3 Phase — 3 Phase — (School Zone - 25 MPH (2)) — 3 Phase — 2 Phase — 3 Phase

Traffic Stations (Current Year)
- B72 0083 03604 — B72 0083 03694 — B72 0083 03809 — B72 0083 03959 — (B72 0083 04046)

HPMS Sections - AADT 2023
- 20,300 — 18,426 — 31,900 — 30,218 — (39,521)

HPMS Sections - AADT 2022
- 16,816 — 17,982 — 31,500 — 28,698 — (39,600)

HPMS Sections - AADT 2021
- 17,100 — 18,500 — 31,100 — 28,454 — (36,500)

DOD Sections
- DOD 341 — DOD 345

Census Tracts

Functional Classification
- Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits
- (83F-02-91, 1993 Inter. Imprv.) — (STP-083-1(29), 3 Phase Traffic Signal 1996) — NH-083-1(26), Widening 1997
- 83EF-02-86, (Reconstruct & Resurface) 1987 — 83F-01-86, Imprv. 1987
- F-083-1(22), (R) 1986 — 83F-01-88M, (R) 1988
- HES-ROS-083-1(12), (Safety Imprv.) 1986 — HES-083-1(16), 1981
- 83E-01-74 (R) 1975 — 83E-01-73(W), 1975 — FR-083-1(14), (R) 1981
- County Project — BD 67-320 1969 — County Project
- 242+50 — 186+45

SCALE: (In Miles) 4" = 1 mile

Date Released	
Jan. 2003	D.B.

Revised	
5/06	G.N.
3/07	D.B.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
1/22	D.B.

ROAD INVENTORY

OAHU RTE 83

KAHEKILI HWY., LIKELIKE HWY., KAMEHAMEHA HWY.

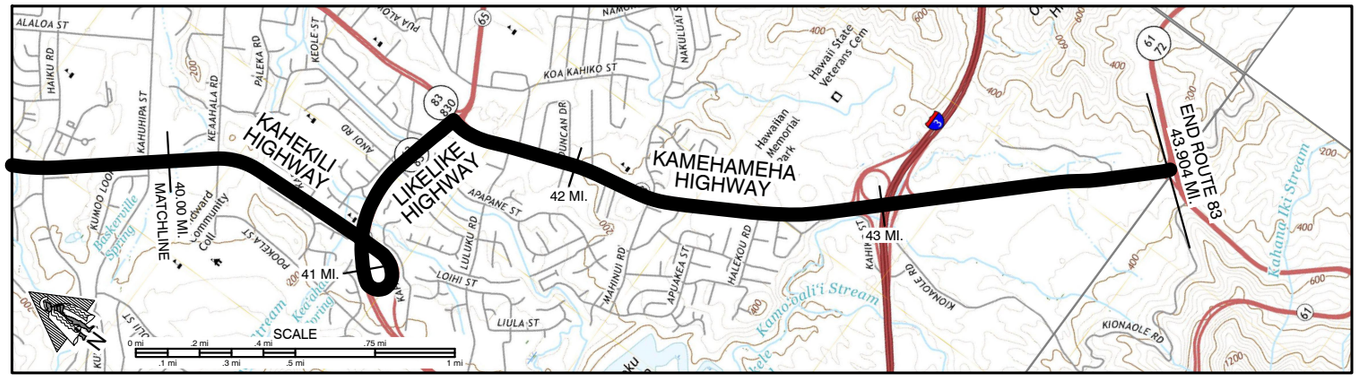
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	43.904	MILES (a+b)
a. Existing Length:	43.904	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	43.904	MILES (a+b, less c)
a. Existing Length:	43.904	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	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.)

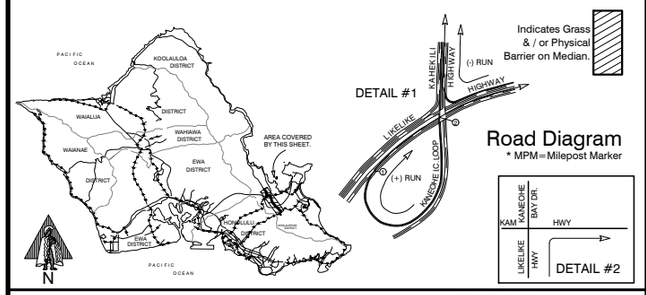
Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

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'
Horizontal Clearance	
Vertical Clearance	47' / 50' / 16' 6"
Horizontal Clearance	15' 10" / 16' 2" / 120'
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	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)	State
Project No., Type of Construction, and Year Constructed	NH-083-1(49), 2006 Landscaping / (63A-01-89M, 1990) HWY-O-05-06M, Resurf, 2007 / 83G-01-03M, Resurfacing, 2006
Project No., Type of Construction, and Year Constructed	NH-083-1(26), Widening 1997 / I-H3-1(72), 1996 / 63A-01-89M, 1990 / NH-083-1(41), Resurface 2000 / I-IR-H3-1(24):11 Halekou Interchange , 1988 / FR-083-1(15) (R),1982



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 8

40.000 mi.

Keaahala Rd. | Kukukeoe St. | Likelike Hwy. (L) & (R) | Kahekili Hwy. (L) | Culverts Hoolaulan O.P. Aron Rd. | Kamehameha Hwy. Likelike Hwy. Kaneohe Bay Dr. | Koakahiko Rd. Luluku Rd. | Duncan Dr. | Kanoohe Sch. Puahuula Pl. | Kanoohe Prod. OP. Kou Home Pl. | Hawn Mem. Cemetery Mokulele Dr. | Haw. Mem. Pk. | Ko'olau View Dr. | Kionaole Rd. (Kaliko St.) | Ramp "D" | Ramp "E" | Ramp "F" | Ramp "G" | Ramp "H" | Hawaii Loa College HPU Campus | 43.961 mi.

40 MPM 40.593 mi. | SEE DETAIL #1 | NO TRAVELWAY (-) RUN | SEE DETAIL #2 | 41 MPM 42.05 mi. | KAHEKILI HWY. | LIKELIKE HWY. | KAMEHAMEHA HWY. | 43.904 MI.

LIKELIKE HWY. KANEOHE I.C. LOOP (+) RUN | SEE POINTS ON DETAIL #1

11.5 MPM | 40 MPM 40.594 mi.

40.140 mi. | 40.461 mi. | 40.981 ① ② | 41.412 mi. | 41.342 mi. | 41.571 mi. | 41.791 mi. | 41.765 mi. | 41.854 mi. | Kuupo Pl. | Huluwina Pl. 41.978 mi. | 41.948 mi. | Kou Home Pl. 42.100 mi. | 42.123 mi. | Ulalani Pl. | 42.244 mi. | Mahmul Rd. | 42.341 mi. | Halekou Rd. | 42.588 mi. | Kahiko St. | 42.654 mi. | 42.661 mi. | Ramp "C" | 42.773 mi. | 42.871 mi. | Kamoaoli Bridge | Hi-3(Kam Hwy Interchange | 43.019 mi. | Ramp "A" | 43.032 mi. | Ramp "B" | 43.044 mi. | Golf Course Rd. | 43.715 mi. | 43.930 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

END ROUTE 83 ON KAMEHAMEHA HWY. AT THE NORTHWEST EDGE OF PAVT OF KALANIANAOLE HWY. & PALI HWY (RTE 61).

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

Divided Highway

- Median: Width and Type
- Median: Barriers: ▬ = Conc. Barrier ▬ = Guard Rails ▬ = Chain Link Fence
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Shoulder: Width and Type	5' Conc. Bikelane / 10'-12' AC / 0 (No Travelway) / 7' - 8' AC / 0 / 8' AC / 10' AC / (10' CORAL) / 5' AC / 9' Grass / 4" AC / 0
Pavement: Width and Type	36' AC / 0 (No Travelway) / 24' AC / 36' AC / 24' AC / 36' AC / 24' AC
Shoulder: Width and Type	0 / 0 (No Travelway) / 0 / (14' Conc. Median Barrier Planter with Shrubs) / 4' AC / 0 / 2" CCG / 0 / 2" AC / 0
Median: Width and Type	(12'-22' Painted AC) 2' Conc. Barrier / 6' - 22' RAISED GRASS / 0 - 64' RAISED GRASS / 20'-36' Grs. / 18'-24' PAINT / 2' / 16'-24' GRASS (8'-18' RSD GRS) / 2' GRS / 10'-22' RSD GRS / 15' GRASS
Median: Barriers:	(Double Steel Guard Rails)
Shoulder: Width and Type	0 / (2' Curb & Gutter) / 0 / 4' AC / 0 / 2" C&G / 0
Pavement: Width and Type	36' AC / 12' AC / 15' AC / 12' AC / (36' AC) / 24' AC / 22' AC / 24' AC / 21' AC / 24' AC / 20' AC
Shoulder: Width and Type	5' Conc. Bikelane / 10'-14' AC / 0 / 10' AC / 8' AC / 5' AC / 8' AC
Number of Traffic Lanes	6' - 12' / 4-12' / 2-11' / (BUS) / 12' TL's / 1-10' TL
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	All TL's 11' except
(Right Side)	where indicated
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	6' Concrete / 5' Conc. / 5' Conc. & 8' Conc. / 4' Concrete / (9' Conc) / (6' Conc.) / 12' Sidewalk (CCG) / (6' Gutter) MCB / (5' Conc.)
Curb and/or Gutter: Type (Right and Left)	CC=Concrete Curb; CCG=Concrete Curb and Gutter
Protective Devices: Type, Location and Number	All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier; MCB=Metal on top of Concrete Barrier CW=Concrete Wall
Illumination: Type, Location and Number	LED
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	A B A A E A B B A A B MCB A
Superelevation (Range)	
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	A B C D C B C B C B C D
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Urbanized-Small (43669)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	Rolling (2) / FLAT (1)
Speed: 1-Design, 2-Posted	(Same Traffic Light) 25 MPH (2) / 35 MPH (2) / 45 MPH (2) / 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	3 Phase
Traffic Stations (Current Year)	B72 0083 04046 / B72 0083 04071 / B72 0083 04112 / B72 0083 04186 / B72 0083 04234 / B72 0083 04371 / B72 0083 04371
HPMS Sections - AADT 2023	39,521 / 16,514 / 31,537 / 23,553 / 21,457 / 28,243 / 28,243
HPMS Sections - AADT 2022	39,600 / 16,547 / 31,600 / 23,600 / 21,500 / 28,300 / 28,300
HPMS Sections - AADT 2021	36,500 / 17,024 / 27,331 / 23,200 / 28,642 / 39,800 / 39,800
DOD Sections	DOD 345 / DOD 350 / DOD 355
Census Tracts	
Functional Classification	Principal Arterial (Connecting Link) (3) / On NHS (1)
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-02-75 1976) / 83G-01-88M, (R) 1989 / F-083-1(10), (Imprv.) 1981 / I-IR-H3-1(24):11, (Halekou Interchange) 1988 / 83H-02-71, (R) 1971 / County Project / I-H3-1(72), 1996 / (S-0630 (4)1959) / S-0630 (4), 1959 / FR-0300 (11), (R) 1980 / F-083-1(2), Unit 2 1967 / 83H-02-71, (R) 1971 / F-083-1(2), Unit 1 & Unit 3 1966-1968 / (83H-02-71, (R) 1971) / F-083-1(1), 1955-1957

SCALE: (In Miles) 4" = 1 mile

Date Released	
Jan. 2003, D.B.	
Revised	
6/06	D.B.
3/07	D.B.
12/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

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

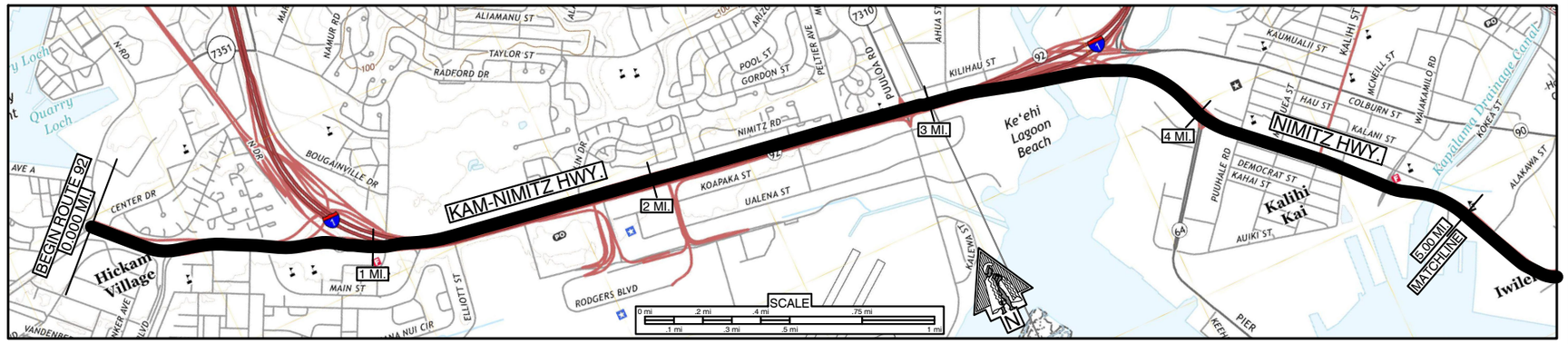
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	9.279	MILES (a+b)
a. Existing Length:	9.279	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	9.279	MILES (a+b, less c)
a. Existing Length:	9.279	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	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 | TBM, 1945 HS-20-44 | SLAB, HS20, 1957

Vertical Clearance — 216' | 189' | 142'

Horizontal Clearance — 56' | 115' | 38' | 38'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies — 90'-100' | 60'-160'

Available Right of Way Width (Needs Study) — MILITARY RES. | INDUSTRIAL/COMMERCIAL

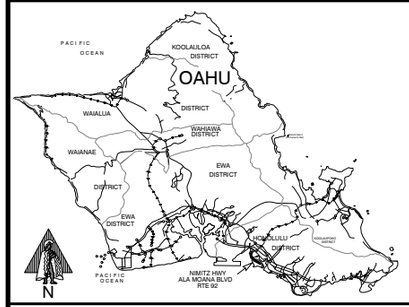
Right of Way Fence: Type - Right and Left — CL 8' FP (0.54, 1.13, 1.27, 1.49, 1.57)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — STATE — NH-092-1(030), Resurfacing, 2024

Project No., Type of Construction, and Year Constructed — 92A-01-11M, Median Imprv., 2013

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

BEGIN RTE 92 ON NIMITZ HWY. AT PEARL HARBOR MAIN GATE. (At Sentry Guardhouses) — 0.000 MI.

ROUTE SPLIT; BEG. STRUCTURE; END STRUCTURE RMP 92_EB_1AA; RMP 92_WB_1; RAMPS TO H-1 PEDESTRIAN O.P.; RMP 92_EB_ _1AA MERGE; RAMP FROM H-1 (L); RAMPS TO H-1; RAMP FROM H-1; RAMP TO KAM HWY.; VALKENBURGH ST.; RAMP FROM KAM HWY.; MAIN ST.; ELLIOTT ST.; AOLELE ST.; SERVICE ROAD 'A'; TELEM. STA. 92016; CATLIN DR.; RODGER'S BLVD.; SERVICE ROADS; PAIEA ST.; CAMP CATLIN RD.; SERVICE ROADS; OHOHIA ST.; SERVICE ROADS; PELTIER AVE.; SERVICE ROADS; PUULOA RD. (L) (RTE 7310); LAGOON DR. (R); AHUA ST.; STRUCTURE; KAKOI ST.; KEEHI LAGOON PARK RD.; DILLINGHAM BLVD.; MOANALUA BRIDGE NO. 3 (183 FT.); ON-RAMP from H-1; KAMEHAMEHA HWY.; ON-RAMP from H-1; KALIHI BRIDGE NO. 2 (280 FT.); TELEM. STA. 92036; PUUHALE RD.; OVERHEAD CROSSOVER TELEM. STA. 228; SAND ISLAND ACCESS RD. (RTE 64); MOKAUEA ST.; KALIHI ST. (RTE 63); LIBBY ST.; WAIAKAMILO RD.; NIMITZ CENTER (L); PIER 36-38 (R); KAPALAMA BR.

KAM-NIMITZ HIGHWAY — NIMITZ HIGHWAY

CONTRA FLOW CROSSOVER

0.089 MI. 0.180 MI. 0.235 MI. 0.260 MI. 0.315 MI. 0.417 MI. 0.588 MI. 0.594 MI. 0.738 MI. 0.908 MI. 0.863 MI. 0.898 MI. 1.080 MI. 1.128 MI. 1.241 MI. 1.493 MI. 1.564 MI. 1.626 MI. 1.707 MI. 1.782 MI. 1.860 MI. 1.887 MI. 1.967 MI. 2.029 MI. 2.127 MI. 2.228 MI. 2.289 MI. 2.429 MI. 2.507 MI. 2.491 MI. 2.618 MI. 2.663 MI. 2.734 MI. 2.816 MI. 2.885 MI. 3.057 MI. 3.103 MI. 3.190 MI. 3.245 MI. 3.299 MI. 3.367 MI. 3.394 MI. 3.447 MI. 3.631 MI. 3.660 MI. 3.953 MI. 3.999 MI. 4.033 MI. 4.060 MI. 4.143 MI. 4.291 MI. 4.433 MI. 4.520 MI. 4.539 MI. 4.691 MI. 4.839 MI. 4.925 MI.

5.000 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 | (10' DIRT) | 8' GRASS | 5' AC | NONE | 5' AC BIKE LANE

Pavement: Width and Type — 48' AC | 36' AC | 60' AC | 36' AC | 12' AC | 36' AC | 48' AC | 36' AC | 24' AC | 48' AC | 36' AC | 34' AC | 33' AC

Shoulder: Width and Type — 18' AC | 4' AC | 10' AC | 12' AC | 0 | (CROSSOVER 2) | (CROSSOVER 3) | NONE

Median: Width and Type — (2' CONC BARRIER) | SHRUBS 4'-215' | 2' CONC. BARRIER | SHRUBS 4'-660' | RAISED GRASS 40'-225' | DOUBLE CONCRETE BARRICADE 40'-500' | STEEL GUARD RAIL ON 4' CONC GUTTER | 4'-20' RAISED GRASS/SHRUBS W/ COCONUT TREES | 4'-28' RAISED GRASS W/ COCONUT TREES

Shoulder: Width and Type — 6' AC | 12' AC | 0' | 0' | (48' AC) (44' AC) | (2' CONC BARRICADE) | NONE

Pavement: Width and Type — 36' AC | 60' AC | 12' AC | 36' AC | 48' AC | 60' AC | 48' AC | 36' AC | 48' AC | 36' AC | 36' 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

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

(Right Side) — ALL TURNING LANE 11' AC; TURN LNS.; 2 TURN LNS.; (2-12', 1-14')

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

Sidewalk: Width and Type (Right and Left) — (WALKWAY/BIKEWAY) 8' AC | 10' AC

Curb and/or Gutter: Type (Right and Left) — CCG=Concrete Curb and Gutter; ACC=AC Curb, CC=Concrete Curb

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CW=Concrete Wall; MCB=Metal on top of Concrete Barrier CB=Concrete Barrier CC=Concrete Base/Rail

Illumination: Type, Location and Number — LED

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — (VARIABLE MESSAGE SIGN: 5:30-8:30 AM, MON.-FRI.)

~~Superelevation (Range)~~ Contra-Flow/HOV Lane — 11' AC. CONTRA-FLOW LANE: HOV LANE, 2 OR MORE. MOTORCYCLES O.K.

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Urbanized-Large (39889)

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

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

Intersection Control Devices: Type, Location and Cycle Timing — (B72 0092 00097) | (3 Phase) | 2 Phase | 3 Phase

Traffic Stations (Current Year) — B72 0092 00000 | B72 0092 00044 | B72 0092 00072 | P72 0000 92016 | B72 0092 00288 | P72 000H1-18J | P72 0092 00380 | P72 0000 00228 | B72 0092 00586

HPMS Sections - AADT 2023 — 16,866 | 44,411 | 6,786 | 29,042 | 23,300 | 35,926 | 9,780 | 64,000 | 53,800 | 44,311

HPMS Sections - AADT 2022 — 16,900 | 44,500 | 6,800 | 29,100 | 23,700 | 36,000 | 9,800 | 66,000 | 44,500 | 44,400

HPMS Sections - AADT 2021 — 14,800 | 43,300 | 7,600 | 33,000 | 23,500 | 35,800 | 9,500 | 62,300 | 46,300 | 44,700

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

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

Functional Classification — PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits

NH-092-1(22), 1995(R); A-92-01-64, 1964(R); SN-FAP S-E(3), 1940; DA-NR-10A(1), 1943; STP-092-1(24), Resurface 2000; I-H1-1(133):17, Partial Const, 1984; A-92-01-64, 1964(R); I-H1-1(99):15, 1981; I-H1-1(210):17, 1992; I-H1-1(246), Zipper Ln. Ext., 2006; 92A-03-03M, Resurface, 2006; 92A-01-00, Imprv, 2003; HSIP-0300(121), Guardrail/Shoulder Imp., 2018; 92A-01-03, Contra-Flow Constr. 2003; 92A-01-03, Contra-Flow Const., 2003; 92A-01-90M, 1991, Resurf.; 92A-01-78M, 1979, RESURF; I-H1-1(131):17, New Const, 1982; I-HQ-1(133):17, PARTIAL CONST, 1982; DANR-S(1) 1945; DAWR-S(1), 1944; SN FAP 44A(2), 1943; F-092-1(2), 1956,57; DA-NR-10A(1), 1943, 44; (DANR-10E(1) 1944)

SCALE: (In Miles) 4" = 1 mile

Date Released
August 1999

Revised	
8/99	R.T.
4/04	D.B.
8/04	D.B.
6/06	D.B.
3/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

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

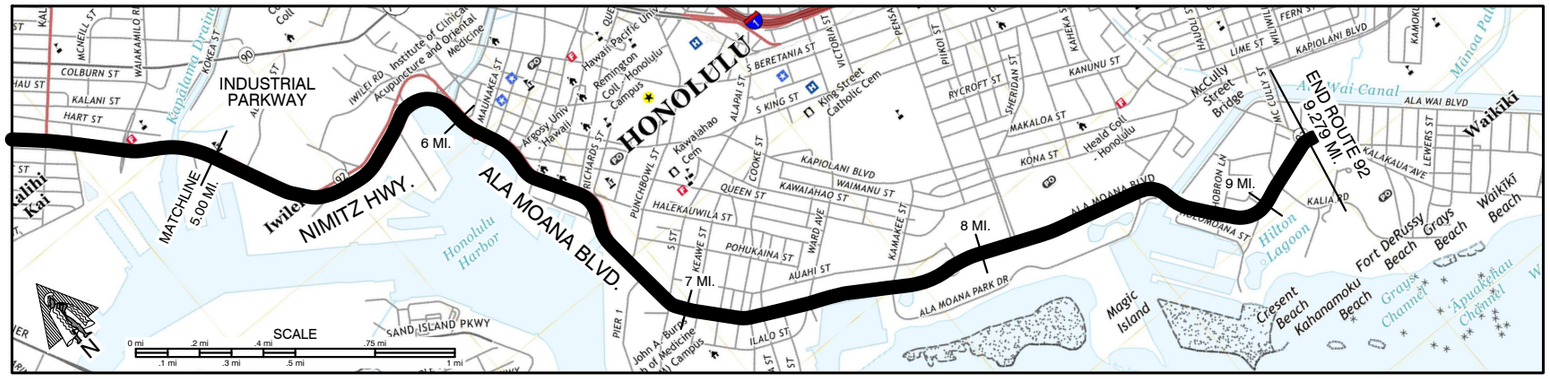
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	9.279	MILES (a+b)
a. Existing Length:	9.279	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	9.279	MILES (a+b, less c)
a. Existing Length:	9.279	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	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 | 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 | TEE BEAM 1939 (1970) H-20 166'

Vertical Clearance

Horizontal Clearance
55 | 65' | 51' | 51' | 51' | 51' | 51' | 80'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies
60' - 160' | 75 (O.B.) 100 (I.B.) | 140' - 155' | 125' - 136' | 100'

Available Right of Way Width (Needs Study)
INDUSTRIAL / COMMERCIAL | COMMERCIAL AREA | HOTEL

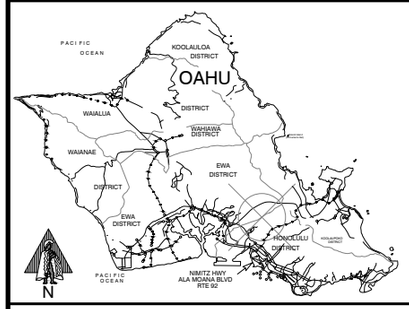
Right of Way Fence: Type - Right and Left
15-20' FP | 10' FP | 5' FP | 8' FP | CL - 8' FP | SW | 8' FP | STONEWALL 8' FP | NONE

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

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

Project No., Type of Construction, and Year Constructed
NH-092-1(030), Resurfacing, 2024

Project No., Type of Construction, and Year Constructed
92A-01-11M Median Imprv., 2013 | 92A-01-07M Beautification, 2008 | NH-092-1(27), RESURFACE & LIGHTING, 2021



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 1

5.000 mi.

INDUSTRIAL PARKWAY | NIMITZ HWY. | ALA MOANA BLVD.

PIER 38 (R) | ALAKAWA ST. (L) | STANDARD OIL CO. | CONTRA FLOW CROSSOVER 4 | PIERS 24-29 (R) | PACIFIC ST. (L) | PIERS 21-23 (R) | KUKAHI ST. (L) | AWA ST. | SUMNER ST. | RIVER ST. | NUUANU STRM. BR. | KEKAULIKE ST. | SMITH ST. | MAUNAKEA ST. | QUEEN ST. | NUUANU AVE. | FORT ST. (R) (ALOHA TOWER) | BISHOP ST. | ALAKEA ST. | TELEM. STA. 438 | HALEKAUWILA ST. | RICHARDS ST. | PUNCHBOWL ST. | CHANNEL ST. | FORREST AVE. (R) | KEAWE ST. 7.663 MI. | BND DIVIDED HWY | SOUTH ST. (L) | KOULA ST. | OHE ST. | COOKE ST. | LANA LANE (Pvt. Rd.) | CORAL ST. | AHUI ST. | WARD AVE. | BEG DIVIDED HWY | KAMAKEE ST. (L) | ALA MOANA PK. DR. (R) | KEWALO BASIN ENT. | QUEEN ST. | ENT. TO NALUPA DRIVE (L) | DOUBLE CULVERT | PIIKOI ST. | ALA MOANA SHOPPING CENTER | ATKINSON DR. | ALA MOANA PK. DR. (R) | ROAD TO ALA WAI HARBOR | ALA WAI CANAL BR. | HOBRON LANE | KAHANAMOKU ST. | ENA RD. (L) | KALIA RD. (R)

5.105 mi. | 5.240 mi. | 5.304 mi. | 5.548 mi. | 5.757 mi. | 5.862 mi. | 5.955 mi. | 5.916 mi. | 6.019 mi. | 6.083 mi. | 6.120 mi. | 6.182 mi. | 6.239 mi. | 6.313 mi. | 6.396 mi. | 6.466 mi. | 6.520 mi. | 6.596 mi. | 6.759 mi. | 6.831 mi. | 6.931 mi. | 7.045 mi. | 7.114 mi. | 7.147 mi. | 7.216 mi. | 7.257 mi. | 7.324 mi. | 7.412 mi. | 7.503 mi. | 7.635 mi. | 7.693 mi. | 7.925 mi. | 8.070 mi. | 8.124 mi. | 8.260 mi. | 8.415 mi. | 8.557 mi. | 8.664 mi. | 8.732 mi. | 8.859 mi. | 8.970 mi. | 9.098 mi.

5.821 MI. (PIERS 18-20) 5.792 MI.

5.787 MI. Table Mt. 5.746 MI. Street

6.722 MI. 6.681 MI. 6.523 MI.

(From Oceania, Falls of Clyde, etc.) RAMP "AM"

(Offset)

9.279 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

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

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

Pavement: Width and Type
33' AC | 44' AC | 34' AC | 44' AC | 36' AC | 35' AC | 34' AC | 32' AC | 30' AC | 32' AC | 12' PCC 20' AC | 14' PCC 22' AC | 11' PCC 24' AC | 36' AC | 33' AC | 36' AC

Shoulder: Width and Type
(CROSSOVER 4) | CURB & GUTTER | NONE | C&G | 4' AC | 0

Median: Width and Type
4'-28' RAISED GRASS W/ COCONUT TREES | INDUSTRIAL PARK TYPE OF MEDIAN - COMMERCIAL BUSINESS OCCUPIED | 4'-19' Raised Grass w/ Coco-nut Trees | 0'-24' Raised Grass w/ Coco-nut Trees | 4'-24' Raised Grass | 10'-24' Shrubs | (6'-8' Rsd Grass) | 5'-12' PAINT | (10'-20' Raised Grass) | 8'-20' Raised AC | 4'-21' RAISED AC W/ GRASS | (4' RAISED AC W/ PCC CURB) | 2' CONC BARRIER (12' AC) | 6'-22' SHRUBS (RAISED) | 6'-32' SHRUBS
CURB & GUTTER | (7'-12S' Grass) | C&G (Double Conc. Barrier) | C&G | (4'-8' Rsd Conc) | C&G | NONE | 0 | 3' AC | 9' AC | C&G | 0

Shoulder: Width and Type
33' AC | 44' AC | (5' AC BIKELANE) | 36' AC | 35' AC | 32' AC | 34' AC | 31' AC | 32' AC | 31' AC | 32' AC | 36' AC | 33' AC | 36' AC | 24' AC

Pavement: Width and Type
5' AC BIKE LANE | 8' AC BIKE LANE | 5' AC BIKE LANE | 4' AC BIKE LANE | NONE

Number of Traffic Lanes
3-11' | 4-11' | 3-12' | 2-11', 1-13' | 2-11', 1-12' | 3-10' | 2-10', 1-12' | 2-10', 1-11' | 3-12' | 3-11' | 3-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(2-11', 1-13') | (2-11', 1-12') | 2-10', 1-12' | 2-10', 1-11' | (2-10' 1-12') | BUS STOP | 2-12' | (2'-9' TLS) | ALL TURNING LANES 11' AC

(Right Side)

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

Sidewalk: Width and Type (Right and Left) — All sidewalks concrete unless otherwise noted.
6' CONC. | 6' CONCRETE | 10' CONC. | 6'-8' CONCRETE | 15' CONCRETE | 7' CONC. | 8' CONC. | 11' | 6'-10' CONC | ALL SIDEWALKS CONCRETE

Curb and/or Gutter: Type (Right and Left) — CC=Concrete Curb; CCG=Concrete Curb and Gutter
Concrete Curb | CCG | Concrete Curb and Gutter | CC | Conc. Curb and Gutter | Concrete Curb and Gutter | C.C. | CCG

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier
CB

Illumination: Type, Location and Number
LED | LED | LED

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

~~Superelevation (Range)~~ Contra-Flow/HOV Lane
11' AC | (CONTRA-FLOW LANE: HOV LANE, 2 OR MORE, MOTORCYCLES O.K.)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
Urbanized-Large (39889)

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

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

Intersection Control Devices: Type, Location and Cycle Timing — All Traffic Lights - 3 Phase unless otherwise noted.
2 Ph. | 2 Ph. | 2 Ph. | 2 Ph. | 2 Ph. | 4 Ph. | 2 Ph. | 5 Ph. | 2 Ph. | 3 Ph. | 2 Ph.

Traffic Stations (Current Year)
B72 0092 00586 | P72 0000 00438 | B72 0092 00791 | B72 0092 00810 | B72 0092 00853 | B72 0092 00907

HPMS Sections - AADT 2023
44,311 | 47,600 | 49,002 | 44,023 | 26,647 | 20,359

HPMS Sections - AADT 2022
44,400 | 45,600 | 49,100 | 42,962 | 26,700 | 20,400

HPMS Sections - AADT 2021
44,700 | 43,900 | 22,932 | 44,200 | 31,100 | 21,400

DOD Sections
DOD 265 | DOD 270 | DOD 275

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

Functional Classification
PRINCIPAL ARTERIAL (3)

National Highway System (NHS)
ON NHS (1)

Previous Projects: Project No., Date and Limits
HSIP-0300(121), Guardrail and Shoulder Imp., 2018 | NH-092-1(25) (Rehab), 2004 | 92AB-01-06M, Resurf., 2007 | (NH-092-1(26), Moder, 2005) | 92AB-01-92M, 1993(R) | (92A-02-17M, DRAINAGE, 2019) | (92A-01-97 Imprv., 1998) | 92AB-01-92M, 1993(R) | 92A-01-82M, 1982 (R) | 92A-0 -03, 2003 Contra-Flow Constr. | 92A-01-90M, 1991 RESURF. | (92A-02-70, 1972) | F-092-1(15) (R), 1981 | 92A-01-78M, Resurface 1979 | EHS-U-092-1(11), 1976 | (HHS-092-12, 1979) | (HES-092-1(19), 1985 (IMPR. OUTS. LNS.)) | 92A-01-90M, 1991 Resurface | 92A-02-70, 1972 | (U-092-1 (8), 1971) | 920A-01-74, 1974 RESURF. | F-092-1(2),1956, 57 | FU 44 (3) U-1, 1948, 50 | FU 44 (3) U-2, 1950, 52 | U 44 (6), 1951 | COUNTY | FR-092-1(17), 1982(R) | U44(9), 1952 | 1950, 53

SCALE: (In Miles) 4" = 1 mile

Date Released
June 1999

Revised	
R.T.	8/99
D.B.	4/04
D.B.	8/04
D.B.	1/05
G.N.	5/06
D.B.	12/07
D.B.	2/09
D.B.	9/10
D.B.	1/11
D.B.	2/12
D.B.	9/12
D.B.	8/14
C.R.	1/16
C.R.	1/17
D.B.	2/18
D.B.	2/22

ROAD INVENTORY

OAHU RTE 93
FARRINGTON HIGHWAY

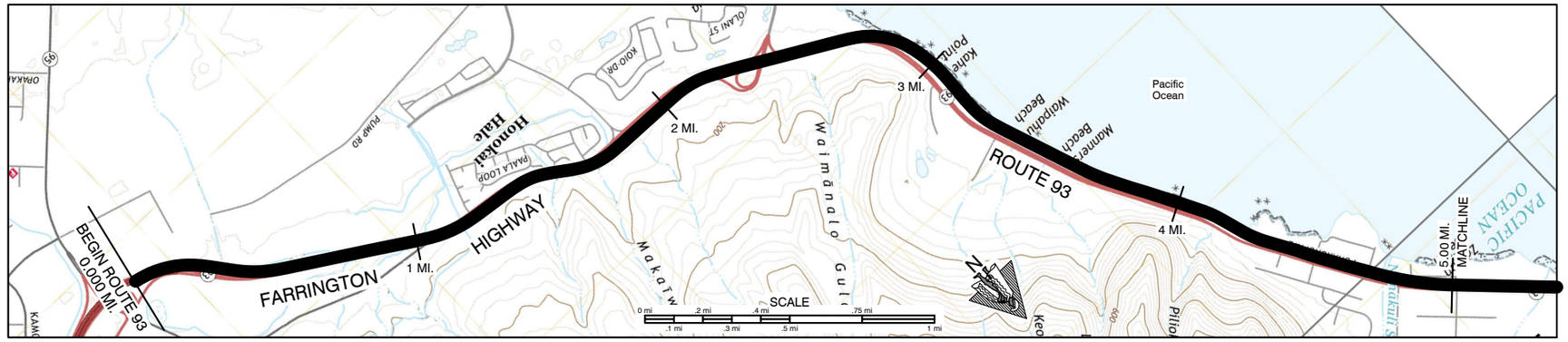
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	19.524	MILES (a+b)
a. Existing Length:	19.524	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	19.524	MILES (a+b, less c)
a. Existing Length:	19.524	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed — Prestressed Tension Girder, 1989, HS-20-44 (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 — 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) | (Stone Wall (L) & (R)) (4.89)
- 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 — 93A-01-06M, Preventive Maintenance, 2024 (0.00, 3.43)
- Project No., Type of Construction, and Year Constructed — IM-H1-1(261),Addition and Mod. of Freeway Access, 2023 (0.00, 1.39) | (STP-093-1(22), Intersec. Imprv., 2022) (4.89)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

Raised Crosswalk: 2.471 mi. 4.358 mi.

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

0.000 mi.

Off-Ramp (0.070) | On-Ramp (0.196) | Tractor Crossing On Median (0.376) | Tractor Crossing On Median (0.862) | Old Farrington Hwy. (1.082 mi, 1.082 mi) | Laaloa St. (1.268 mi) | Waiomea St. (1.714 mi) | Koio Dr. (to West Beach) (1.875 mi, 1.850 mi) | Off-Ramp to Koolina (2.143 mi) | On-Ramp from Koolina (2.346 mi) | Off-Ramp to Koolina Overpass (2.448 mi, 2.418 mi) | On-Ramp from Koolina Overpass to Alinui Dr. (2.514 mi) | Road to Landfill (Waimanalo Gulch) (2.563 mi) | Cooling Tower Culverts Road to Beach Park (3.083 mi) | Roads to Hawaiian Electric Co. (3.152 mi, 3.152 mi) | Kiamanoio Br. (3.382 mi) | Ent. to "Tracks" Beach Park (3.428 mi) | (3.577 mi) | Facility Rd. End Divided (4.154 mi) | Pili O Koi Br. (4.185 mi) | No Name Br. "Honokunui Ave." No Name Br." (4.257 mi) | Pilokahi Ave. No Name Br. Begin Divided Hwy. (4.355 mi, 4.315 mi) | End Divided Hwy. (4.381 mi) | Laumania Ave. (4.467 mi) | Nanakuli Str. Br. (4.549 mi, 4.517 mi) | (4.674 mi) | (4.740 mi) | (4.784 mi) | (4.910 mi)

FARRINGTON HIGHWAY — 4.129 mi.

Nanakuli Urban Boundary

CONTINUED ON SHEET 2

5.000 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type — 4'-6" AC | (4.03) 4'-6" Grv. | 4' AC | 2' AC
- Pavement: Width and Type — 24' AC | (22' AC) | 44' AC | 24' AC | 44' AC | (22' AC)
- Shoulder: Width and Type — 3' AC | 6'-12' AC | 12' AC | 1' AC | (12' PAINT) | (8'-20' Raised Grass) | (1.50) 6' Grv. | (1.98) 2' AC | 0 | 1' AC | 0

Divided Highway — Median

Median: Width and Type — = Conc. Barrier, = Guard Rail

Concrete Barrier (.353) | 24' Grass (.090) | 8'-20' Raised Grass (.307) | 18'-24' Grass (.345, .600) | 2' Conc. Barrier (.856) | 10'-24' Grass (.578, .401) | 10' Grass (.451, .560) | 10'-20' GRASS (.604, .992) | 10'-24' GRASS (.085, .034, .110, .300) | 8'-24' GRASS (.341, .412, .469, .577) | (.027, .115) | (1.54) (0'-8" Painted AC) (.467) | 0'-10' Painted AC (.674, .91) | (0'-10" Painted AC)

Divided Highway — Shoulder

- Shoulder: Width and Type — 7' AC | 8'-10' AC | 1' AC | 0 | 0
- Pavement: Width and Type — 24' AC | (22' AC) | 24' AC | (22' AC)
- Shoulder: Width and Type — 4'-6' AC | 1' AC | 2' 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) — (1-12' Accel.) .196, .333 | .150, .361, .082, .159, .268, .194 (1-12 T.L.), .679, .804, .600, .714 | .185 (1-12' Accel.), .345, .514 (1-12' Decel.), .678, .435, .563, .668, .016 Decel. .143, .448, .593 | .083, .157, .467, .689, .006, .297, .448, .577, .278, .362, .470 | (12' T.L.) .626, (10' T.L.) .484, .549, .94, .493, .583
- (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) — CC=Concrete Curb; CCG=Concrete Curb and Gutter
- Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CW=Concrete Wall
- Illumination: Type, Location and Number — LED (0.36) | LED (1.27) | LED
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — A (.605) | B (.772) | A
- Superelevation (Range)
- Grade Class: +/_ % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45) — B (.104) A (.185) B (.294) A (.395) B (.457) A (.601) C (.899) B (.034) C (.219) B (.464) A (.643) C (.730) B (.264) A
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: — Urbanized-Large (39889) (2.63) | SMALL URBAN (99998)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous — Flat (1) (1.00) | Rolling (2) (4.34) | Flat (1)
- Speed: 1-Design, 2-Posted — 55 MPH (MIN 45 MPH) (2) 55 MPH (2) (.989, .866) | 45 MPH (2) (.012, .987) | 35 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing — 3 Phase (.268) | 3 Phase (.714) | (4.56) 3 Phase
- Traffic Stations (Current Year) — B72 0093 00187 | B72 0093 00342
- HPMS Sections - AADT 2023 — 69,700 | 39,940
- HPMS Sections - AADT 2022 — 48,805 | 38,977
- HPMS Sections - AADT 2021 — 48,391 | 40,100
- DOD Sections — DOD 315
- Census Tracts
- Functional Classification — Principal Arterial (3)
- National Highway System (NHS) — ON NHS (1)
- Previous Projects: Project No., Date and Limits

93A-01-06M, 2012, PREVENTIVE MAINTENANCE (3.42) | STP-093-1(18), Safety Imprv., 2006 (4.26)
IM-NH-H1-1(239), Reconstruc, 2004 (0.36) | (93A-06-98 Inter. Imprv., 2001) (1.60, 1.86) | HSIP-0300(121), Guardrail and Shoulder Improvements, 2018 (2.39) 93A-02-98M, 1999 (R) (3.36) | NH-093-1(19), 2000 (3.74) 93A-02-98M, 1999 (R) (4.20) 93A-01-97M, 1998 (R)
93A-01-96M, 1997 (R) (2.47) | F-093-1(6) 1984 (3.36) | (4.20)
F-093-1(6), 1984 (2.39) 93A-02-98M, 1999 (R) (3.72) 93A-02-98M 1999 (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 | F-093-1(7), 1985 (R)

SCALE: (In Miles) 4" = 1 mile

Date Released
Sept. 2002, D.B.

Revised	
Aug. 04	D.B.
Jan. 05	D.B.
May 06	G.N.
Mar 07	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	B.F.

ROAD INVENTORY
OAHU RTE 93
FARRINGTON HIGHWAY

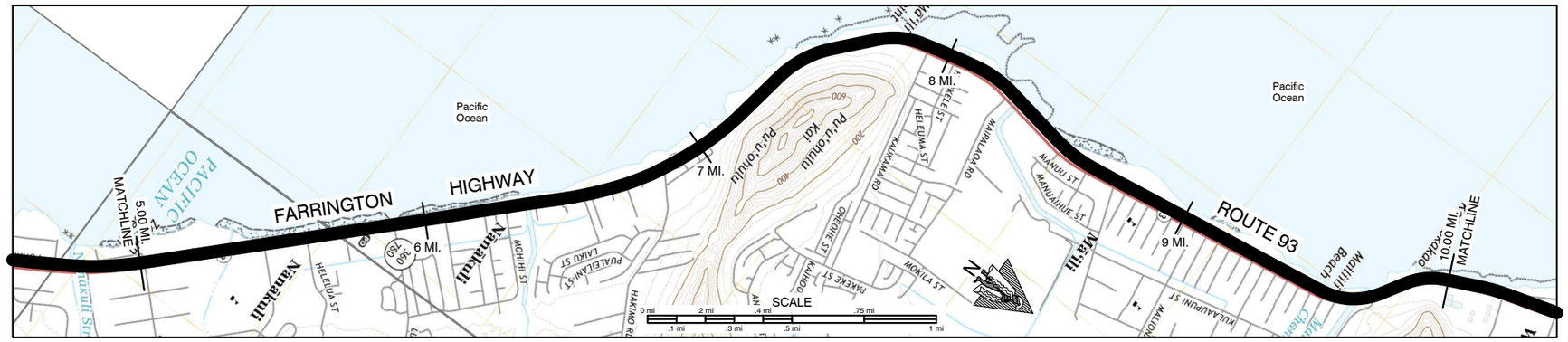
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	19.524	MILES (a+b)
a. Existing Length:	19.524	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	19.524	MILES (a+b, less c)
a. Existing Length:	19.524	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

93A (11.31 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- CULVERT, HS-20, 1969 — 27' — 5.36
- OTH, HS-20, 1970 — 91' — 6.40
- OTH, HS-20, 1970 — 100' — 8.32
- CONT. CONC. SLAB, HS-20, 1976 — 174' — 9.70

Vertical Clearance
- 51' | 59' | 58' | 60'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies
- 61' - 130' — 6.90
- 92' — 9.63
- Varies 60' - 170'

Available Right of Way Width (Needs Study)
- Residential Area
- Brush — 7.94
- Residential / Commercial

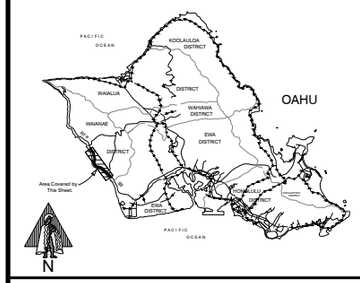
Right of Way Fence: Type - Right and Left
- (Stone Wall) (L) & (R) — 5.11 Stone Wall 5.28
- (Stone Wall) 7.42 10' Pt 7.50

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-0300(166), Guardrail Imprv., 2024) — 9.60 — 9.64

Project No., Type of Construction, and Year Constructed
- STP-093-1(22), Intersec. Imprv., 2022 — 5.64
- STP-093-1(18), Safety Imprv., 2006



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 1 — 5.000 mi.

5 MPM FARRINGTON HIGHWAY

Park Ent. Nanakuli Ave. (R) — Ka Waihona O Ka Na Auao School — Nanakuli Ave. (L) — Nanakagono Con. Box Culvert — Halekalele Ave. — Road to Beach Park — Nanakagono School Ent. — Helelua St. — Nanakeola St. — 6 MPM — Lualualei Naval Rd. — Maaloa St. — Auyong HmStd. Rd. — Auiani Pl. — Begin Div. Hwy. — Kahaku St. — Halke Pl. — Mohihi St. — End Div. Hwy. — Uehawa Br. — 6.228 mi. — Begin Div. Hwy. — Paved Rd. — Beach Park (L) — Paved Rd. — Princess Kahanu Ave. (R) — End Div. Hwy. — 6.709 mi. — Lualei Pl. — Garden Groves — Begin Div. Hwy. — 6.818 mi. — Hakimo Rd. — Paved Rd. — 7 MPM 6.998 — 7.007 mi. — Nanakuli Urban Bdry. — 7.070 mi. — Driveway — Paved Roads — County Baseyard — Kaukama Rd. — Hookele St. — End Div. Hwy. — Begin Div. Hwy. — Malipalaoa Rd. — End Div. Hwy. — Road to Beach Park — Manunuru St. — Manuiula St. — Begin Div. Hwy. — Puuhale Road — 8.828 mi. — Gillpike St. — End Div. Hwy. — Lopopo St. — Pelekamana St. — Kimo St. — Begin Div. Hwy. — Malona St. — Malona St. — Palani St. — 9.038 mi. — 9.155 mi. — Hila St. — End Div. Hwy. — Keikipi St. — Begin Div. Hwy. — Liliana St. — Kaukamana St. — Kaukamana St. — Mana St. — 9.392 mi. — 9.407 mi. — Lopikane St. — Lopikane St. — Alapaki St. — Kekalena St. — Peleinaki St. — Milikami St. — Kekalena St. — End Div. Hwy. — Maliii Rd. — Maliii Br. — Maliii Rd. — End Div. Hwy. — C&C Baseyard

10.000 mi. — CONTINUED ON SHEET 3

5.00 mi. 5.06 mi. 5.16 mi. 5.29 mi. 5.34 mi. 5.41 mi. 5.48 mi. 5.58 mi. 5.62 mi. 5.76 mi. 5.923 mi. 5.986 mi. 6.041 mi. 6.110 mi. 6.185 mi. 6.249 mi. 6.286 mi. 6.324 mi. 6.393 mi. 6.430 mi. 6.517 mi. 6.597 mi. 6.695 mi. 6.751 mi. 6.799 mi. 6.891 mi. 6.957 mi. 7.010 mi. 7.054 mi. 7.155 mi. 7.413 mi. 7.499 mi. 7.686 mi. 7.750 mi. 7.790 mi. 7.953 mi. 8.049 mi. 8.131 mi. 8.200 mi. 8.287 mi. 8.303 mi. 8.334 mi. 8.391 mi. 8.532 mi. 8.650 mi. 8.712 mi. 8.757 mi. 8.804 mi. 8.849 mi. 8.883 mi. 8.939 mi. 8.966 mi. 9.031 mi. 9.077 mi. 9.121 mi. 9.168 mi. 9.212 mi. 9.257 mi. 9.303 mi. 9.349 mi. 9.383 mi. 9.440 mi. 9.485 mi. 9.531 mi. 9.576 mi. 9.619 mi. 9.676 mi. 9.751 mi. 9.849 mi. 9.966 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- 2' AC | 4' AC | 4'-9' AC | 6' AC | 10' Gravel

Pavement: Width and Type
- 22' AC | 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
- 0 | 1' AC | 0 | 8'-10' AC | 0 | 8'-10' AC | 0 | 2.5' AC | 0 | 6'-8' AC | 0 | 6' AC | 8'-10' AC | 0 | 8'-10' AC | 0 | 8'-10' AC | 0 | 8'-10' AC | 0 | 8' AC

Median: Width and Type
- 0'-10' Paint | 0'-10' Painted | 0'-8' Paint | 0'-9' Paint | 0'-11' Paint | 0'-6' Paint | 0'-8' Painted
- 2' Moveable Concrete Barrier

Shoulder: Width and Type
- 0 | 0 | 0 | 2.5' AC | 0 | 0 | 0 | 0 | 0 | 0 | 0

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

Shoulder: Width and Type
- 2' AC | 1' AC | 8'-10' AC | 4'-9' AC | 6'-8' AC | 6'-8' AC | 8'-10' AC | 6' AC | 10' Gry.

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

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

(Right Side)
- 11' TL | 12' TLs | 1-10' (L) T.L. | 10' T.L | 10' T.Ls | 11'

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

Sidewalk: Width and Type (Right and Left)
- 3' CONC SW | (8' Conc.) | 3'-5' AC | (4' Conc. Gutter)

Curb and/or Gutter: Type (Right and Left)
- CC=Concrete Curb, ACC=AC Curb
- CCG=Concrete Curb and Gutter
- CCG | AC Curb | ACC | (MCB)

Protective Devices: Type, Location and Number
- All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barricade MCB=Metal on top of Concrete Barrier MPR=Metal Pipe Railing
- (MPR)

Illumination: Type, Location and Number
- LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Small Urban (99998)

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

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

Intersection Control Devices: Type, Location and Cycle Timing
- 2 Ph. | 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 Stations (Current Year)
- (B72 0093 00342) — P72 0093 00682 — B72 0093 01075

HPMS Sections AADT 2023
- (39,940) — 39,800 — 26,400

HPMS Sections AADT 2022
- (38,977) — 39,300 — 30,521

HPMS Sections AADT 2021
- (40,100) — 39,200 — 31,400

DOD Sections
- DOD 315 — DOD 320

Census Tracts

Functional Classification
- Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits
- HSIP-0300(121), Guardrail and Shoulder Improvements, 2018
- 93A-01-97M 1998 (R) — 6.07 — 6.18 — (STP-093-1 (17), 1998 Inter. Imprv.)
- 93A-01-97M 1998 (R) — (93A-01-85M (R) 1985) — (STP-093-1(16) Imprv., 1997) — (93A-01-85M (R) 1985) — 9.04 — 9.17 — (93A-03-97, Inter. Imprv. 1999)
- 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 — 8.21 — 8.34 — 8.74 — 8.99 — STP-033-1(14), (R) 1997
- 93A-01-97M, (R) 1998 — 8.09 — (93A-01-85M, (R) 1985) — (93A-01-88, Traf. Sig. & Imprv. 1988)
- (93A-02-90, 1993 Traf. Signal Improv.) — 6.22 — 6.45 — (93A-03-86, Traf. Signals, 1987) — 8.02 — 8.17 — 8.74 — 8.83 — 9.30 — 9.42 — (93A-01-88, Traf. Sig. & Imprv., 1988)
- 6.42 — 93A-01-86M, 1987 (R) — 7.37 — 7.39 — 93A-01-85M, 1985 (R) — (93A-01-88, Traf. Sig. & Imprv., 1988) — 9.55
- 6.36 — (900B-02-68 UNIT1, 1969,70) — 9.46 — (93A-02-70, 1974)
- (B-900-01-64 Unit 2, 1968, 70) — 6.42 — 7.14 — (900B-02-68 UNIT2, 1969) — 9.55

SCALE: (In Miles) 4" = 1 mile

Date Released
Sept. 2002, D.B.

Revised	
Aug. 04	D.B.
May 06	G.N.
Mar 07	D.B.
Aug 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.

ROAD INVENTORY

OAHU RTE 93

FARRINGTON HIGHWAY

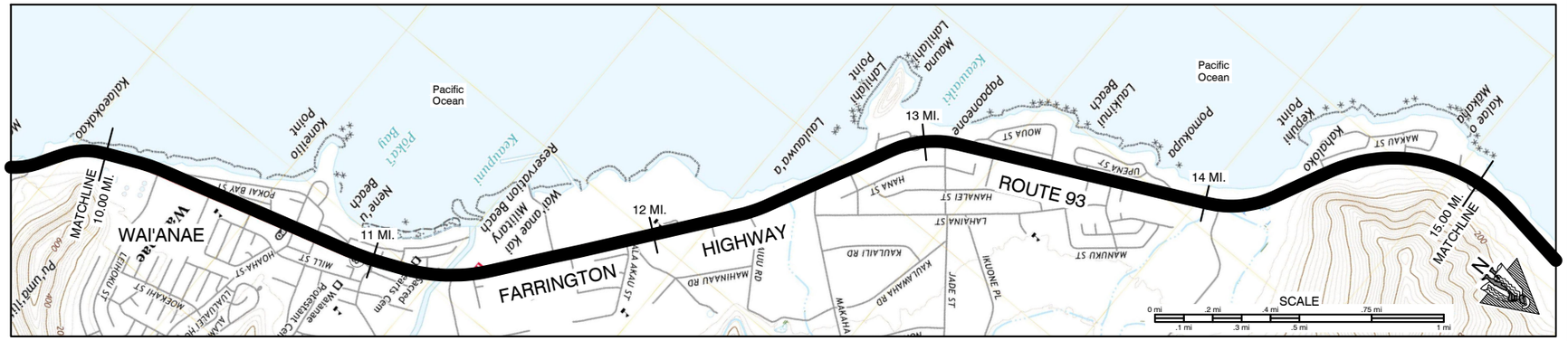
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	19.524	MILES (a+b)
a. Existing Length:	19.524	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	19.524	MILES (a+b, less c)
a. Existing Length:	19.524	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- TBM, HS-20, 1965 — 147' (11.28)
- PRESTRESSED SLAB HS-20-44, 1989 — 58' (12.48)
- SLAB, H-15, 1937 — 24' (12.78)
- TS, H-15, 1937 — 60' (14.01)
- TS, H-15, 1937 — 78' (14.10)

Vertical Clearance
- 26'
- 60'
- 40'
- 24'
- 24'

Structure Any Road

Horizontal Clearance
Vertical Clearance
Horizontal Clearance

Right of Way Width (min.-max.) if varies: 60'-170' (10.81) | 60' (12.00) | 80' (14.01) | 60'-89'

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

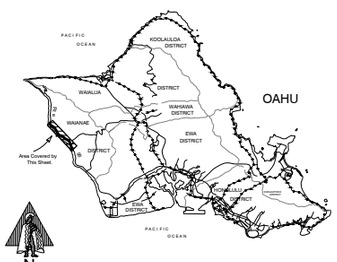
Right of Way Fence: Type - Right and Left (CL=Chain Link FP=From Pavement)
- 15' FP CL 10.06
- (15' FP) CL 11.51 – 11.66

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
- 27+00 (10.21)
- HSIP-093-1(23) Centerline Rumble Strips, 2013
- 173+17 (14.01) – 14.16
- STP-093-1(026) RESURFACING, 2022

Project No., Type of Construction, and Year Constructed: HSIP-0300(121), Guardrail and Shoulder Improvements, 2018



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

Raised Crosswalk: 11.735 mi., 12.025 mi., 12.223 mi., 12.369 mi., 14.216 mi., 14.316 mi.

CONTINUED FROM SHEET #2. 10.000 mi.

Beach Park Rd. | Rd. to Waianae Mall | Ala Poko St. | Puhano St. | Glenmonger St. | Lualualei Hmstd. Rd. | Waianae Valley Rd. | Bay View St. | Guard St. Old Gov't. Rd. | Army St. Old Gov't. Rd. | Kaupuni Br. Old Gov't. Rd. | Ala Hema St. | Ala Walua St. | Ala Poka St. | Kaulawaha Rd. Ala Akau St. | Alawa Pl. | Maau Rd. | Makaha Br. #2 | Makaha Valley Rd. | Makaha Bridge #2A End Div. Hwy. | Lahilahi St. | Jade St. | Rd. to Nalu Nani Court | Culvert Moua St. | Culvert Moua St. | Kiapa Pl. Upena St. | Culvert Water St. | Kapakai St. Kili Dr. | Culvert Upena St. | Makaha Br. #3A Kili Dr. Makaha Br. #3 | Rd. to Hawaiian Tel Rd. to Makaha Beach Restrooms | Culvert Makau St. | Culvert | Lawaia St. | Culvert

FARRINGTON HIGHWAY

CONTINUED ON SHEET 4 15.000 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 10' Gravel | 4' AC | 8' Gravel | 6'-8' AC | 0 | 3' AC Bike Lane | 4' AC | 6' AC | 4'-6' AC | 4'-9' AC

Pavement: Width and Type: 44' AC | 24' AC | 48' AC | 44' AC | 36' AC | 20' AC | 21' AC | 22' AC

Shoulder: Width and Type: 8' AC | 0 | 8' AC | 0 | 0 | 4' AC | 6' AC | 6'-10' AC | 6' AC | 4'-7 AC

Divided Highway

Median: Width and Type: 0'-10' PAINT | 0'-10' Paint | RAISED PAVEMENT MARKER CENTERLINE 0'-10' Paint | CENTERLINE MILLED RUMBLE STRIP

Shoulder: Width and Type: 0 | 0 | 0

Pavement: Width and Type: 24' AC | 20' AC

Shoulder: Width and Type: 8' AC | (4-11') 3' AC Bike Lane

Number of Traffic Lanes: 4-11' | 4-12' | 4-11' | 2-12' 1-12' | 4-10' | 2-10.5' | 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): 5' Conc. | 6' Conc. | 8'-10' Conc. S.W.

Curb and/or Gutter: Type (Right and Left) (CC=Concrete Curb): 6" AC Curb | CC | (MCB) Concrete Curb and Gutter

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. MCB=Metal on top of Concrete Barrier MPR=Metal Pipe Railing): (MPR) | (MCB)

Illumination: Type, Location and Number: LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

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

Intersection Control Devices: Type, Location and Cycle Timing: Traffic Lights | 3 Phase | 3 Phase | 3 Phase | 3 Phase | Traffic Light | Traffic Light

Traffic Stations (Current Year)

HPMS Sections - AADT 2023	B72 0093 01075: 26,400	B72 0093 01124: 21,900	P72 0000 00015: 17,600	B72 0093 01346: 6,300	B72 0093 01387: 3,900	B72 0093 01475: 2,092
HPMS Sections - AADT 2022	30,521	21,773	17,800	6,221	3,985	2,041
HPMS Sections - AADT 2021	31,400	22,400	16,200	6,400	4,100	2,100

DOD Sections: DOD 320

Census Tracts

Functional Classification: Principal Arterial (3)

National Highway System (NHS): On NHS (1) (107+25 – 115+10)

Previous Projects: Project No., Date and Limits
- (93B-01-11 2017) (107+85 – 12.91)
- STP-093-1(18), Safety Improvements, 2006
- (BR-093-(10), 1989, Br. Replacement)
- 93B-01-03M, Resurface, 2008 (173+17 – 14.16)
- 900C-01-67, 1966
- STP-93-1(12), (R) 1996
- STP-093-1(14), 1997 (R)
- 93B-02-91, Widening, 1996
- 93B-02-91, Widening, 1996
- 93B-01-86M, (R) 1987
- 900C-01-67, 1966
- 900C-02-68, 1967
- 93A-02-70, 1974
- WDR 5(3), 1950
- 93B-01-75, Unit-1, Widen, 1981
- 900C-02-67, 1966
- WPSO-23B,1936

SCALE: (In Miles) 4" = 1 mile

Date Released
Sept. 2002, D.B.

Revised	
Aug. 04	D.B.
Oct. 04	D.B.
May 06	G.N.
Mar. 07	D.B.
Feb. 09	D.B.
Sept. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	B.F.

ROAD INVENTORY

OAHU RTE 93
FARRINGTON HIGHWAY

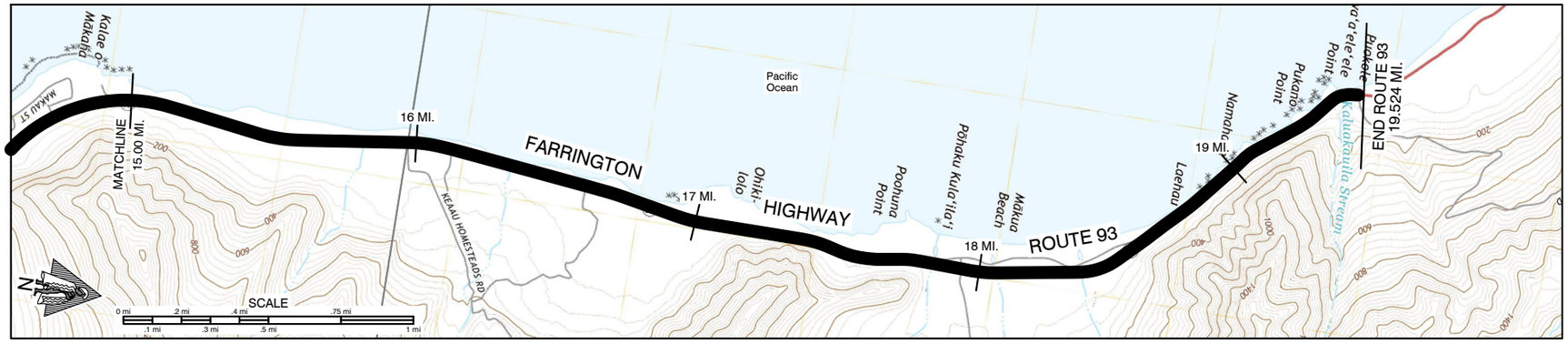
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	19.524	MILES (a+b)
a. Existing Length:	19.524	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	19.524	MILES (a+b, less c)
a. Existing Length:	19.524	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	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'
- PRE-STRESSED CONC. PLANK, HS-20-44, 1996 — 123'
- PRE-STRESSED CONC. PLANK, HS-20-44, 1996 — 50'
- PRE-STRESSED CONC. PLANK, HS-20-44, 1996 — 32'
- CULVERT, HS-20, 1964 — 22' / 47' / 22'

Vertical Clearance: 15.79 | 16.32 | 16.51 | 17.03 | 17.86 | 18.07 | 18.37

Horizontal Clearance: 40' | 40' | 40' | 40' | 34' | 32' | 34'

Structure Any Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 60'-85' | 17.72 | 80'-110'

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

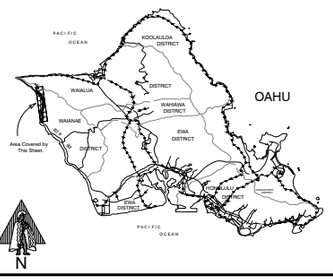
Right of Way Fence: Type - Right and Left
- 15.05 WW 15.10 Wire on Wood 15.65
- 15.99 Wire on Wood, 10'-15' from Pavement 18.50 Chain Link 18.63

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(026), Resurfacing, 2022

Project No., Type of Construction, and Year Constructed: STP-093-1(18), Safety Improvements, 2006



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #1. 15.000 mi.

FARRINGTON HIGHWAY

Earl to Keaau Beach Park | Culvert | Culvert | Culvert | Waikomo Strm. Br. | First Hawaiian Bank Road | Keaau Strm. Br. | Na Ohkilolo Strm. Br. | Paniolo Country Ranch | Ohkilolo Strm. Br. | Kanaloa Cave (Makua Cave) | Makua 2 Cell Culvert Rd. to Makua Beach | Military Training Area | Makua, 3 Cell Culvert | Makua, 2 Cell Culvert | Access to Makua Beach (Barricaded) | Hawaiian Tel. Sub Station | Culvert | Culvert | Culvert | Culvert | Makua, 2 Cell Culvert | Tracking Sta. Road | 19.524 mi.

18 MPM | 17 MPM

15.015 mi. | 15.213 mi. | 15.190 mi. | 15.614 mi. | 15.671 mi. | 15.742 mi. | 15.987 mi. | 16.341 mi. | 16.530 mi. | 16.616 mi. | 17.026 mi. | 17.004 mi. | 17.345 mi. | 17.855 mi. | 17.821 mi. | 17.947 mi. | 17.993 mi. | 18.088 mi. | 18.388 mi. | 18.605 mi. | 18.558 mi. | 18.765 mi. | 18.838 mi. | 18.833 mi. | 19.021 mi. | 19.400 mi. | 19.516 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES' DATABASE.

END ROUTE 93 ON FARRINGTON HIGHWAY AT KAENA PT. STATE PARK BOUNDARY GATE (NORTH EDGE OF PAVEMENT OF SATELLITE TRACKING STATION ROAD).

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 4'-9' AC | 4'-6' AC | 4' AC
Pavement: Width and Type: 22' AC
Shoulder: Width and Type: 4'-9' AC | 4'-6' AC | 4' AC

Divided Highway

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

Number of Traffic Lanes: 2-11'

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

(Right Side): (20' Parking Lot) | (22' Parking Lot)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. MCB=Metal on top of Concrete Barrier CB=Concrete Barrier
- (CB) .407 .428 .599 .632 .725 .802 | .606 .627 .701 .804
- .320 .413 .483 .585 .795 1.13 | .301 .485 .561 .736 1.089
- .836 .650 .709 .0345 .084 .201 .315 .336 .344 .452 .517 | .615 .639 .826 .870 .021 .089 .306 .433 .574 .588 .826 .921 .943 .846 .394 .406
- (MCB)

Illumination: Type, Location and Number: Mercury Vapor Lamps

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A | .340 B .495 A .003 B .105 A .380 CAC

Superelevation (Range)

Grade Class: +/_ % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): A | .009 B .019 A .079 C .184 B .139 AC

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: .015 (Small Urban (99998)) | Rural (99999)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Flat (1) Rolling (2) | 15.69 | Flat (1) | 17.90 | Flat (1) Mountainous (3) | 18.00 | Flat (1) | 18.98 | Flat (1) Mountainous (3)

Speed: 1-Design, 2-Posted: 35 MPH (2) | .295 | 45 MPH (2) | .576 .434 35 MPH (2) .617 | 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B72 0093 01475 | B72 0093 01475

HPMS Sections - AADT 2023: 2,092 | 2,092

HPMS Sections - AADT 2022: 2,041 | 2,041

HPMS Sections - AADT 2021: 2,100 | 16.72 | 2,100 | .524

DOD Sections: DOD 320

Census Tracts

Functional Classification: Principal Arterial (3) | 16.72 | Minor Arterial (4)

National Highway System (NHS): On NHS (1) | Not On NHS (0)

Previous Projects: Project No., Date and Limits
- HSIP-0300(121), Guardrail and Shoulder Improvements, 2018 | .003
- STP-93-1(12), (R) 1996 — 15.71 | 15.43 | STP-93-1(12), (R) 1996 — 16.03 | 16.42 | 16.48 | 16.54 | 16.67 | 17.12 | STP-93-1(12), (R) 1996
- (BR-093-1(11), Bridge Replacement, 1996) | STP-93-1(12), (R) 1996
- 900C-02-68, 1967 | R-AD 2(2), 1965
- WPSO-23B, 1936 | 17.69 | R-AD 2(1), 1963

SCALE: (In Miles) 4" = 1 mile

Date Released
Sept. 2002, D.B.

Revised	
5/06	G.N.
3/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.

ROAD INVENTORY

OAHU RTE 95

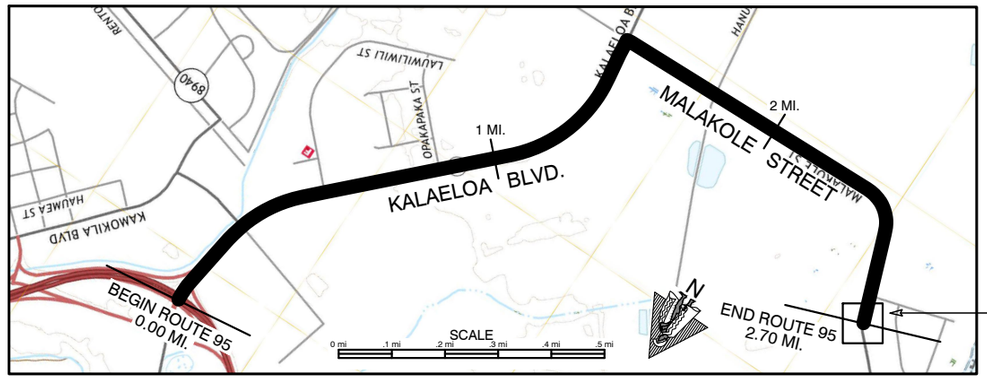
KALAELOA BOULEVARD, MALAKOLE STREET

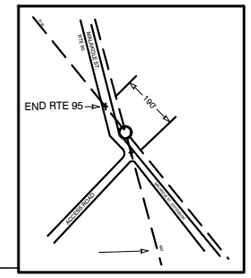
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 2.70 miles
a. Survey Length: 2.70 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles





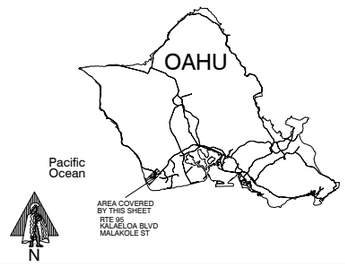
SCALE: (In Miles) 6 5/8" = 1 mile

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

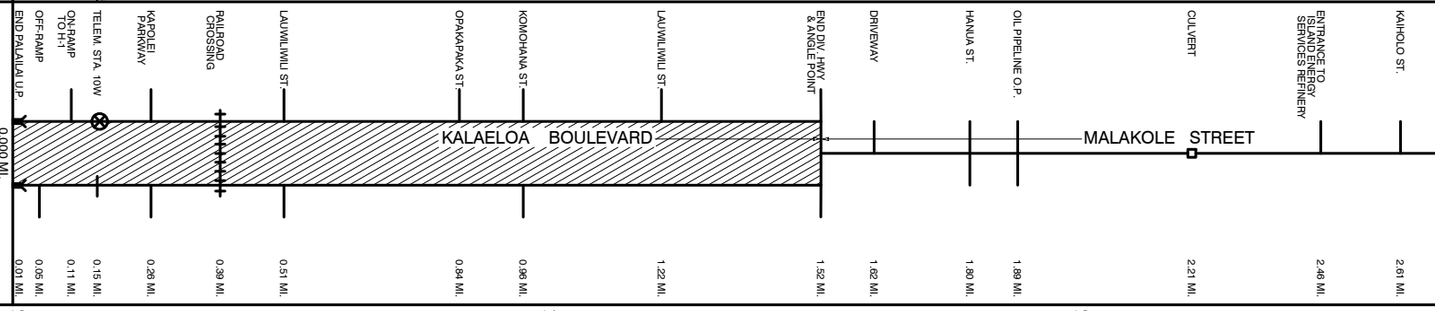
- Right of Way Width (min.-max.) if varies: VARIES 0.16 | 108' | 1.92 | 150'
- Available Right of Way Width (Needs Study)
- Right of Way Fence: Type - Right and Left
- Control of Access: 1-None, 2-Partial, 3-Full: NONE
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
- Project No., Type of Construction, and Year Constructed
- Project No., Type of Construction, and Year Constructed: 0.16 (IM-NH-H1-1(239)2004 RECONSTRUCTION) | 95A-01-87, IMPR., 1989



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

BEGIN ROUTE 95 ON KALAELOA BOULEVARD AT THE CENTERLINE OF PALAILAI OVERPASS AND H-1 FREEWAY



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '20 VIDEOLOG & '20 FEATURES DATABASE.
END ROUTE 95 ON MALAKOLE ST. 190'S.E OF CENTERLINE ACCESS ROAD TO STORAGE YARD (CENTERLINE SURVEY MONUMENT)

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 3' PCC | 0.16 | 2' CONC. CURB AND GUTTER | 1.80 | 4' AC
- Pavement: Width and Type: 12' PCC | 30' AC | 1.92 | 14' AC | 24' AC
- Shoulder: Width and Type: 2' PCC | 0' | 0.28 | 2' AC | 4' AC
- Median: Width and Type: (6' CONC) | 18' PAINTED AC | 10'-20' GRASS | 0.59 | 6'-18' CONCRETE | 0' PAINTED
- Median Barriers: 0.04 | 1.52
- Shoulder: Width and Type: 2' PCC | 0' | 2' AC | 0' | 0.59 | 2' AC | 0'
- Pavement: Width and Type: 12' PCC | 0.08 | 20' PCC | 0.18 | 30' AC | 0.31 | 20' AC | 0.38 | 30' AC | 1.92 | 14' AC | 12' AC
- Shoulder: Width and Type: (8' PCC) | 4' PCC | 0.20 | (13' PAINTED AC) | 2' CONC. CURB GUTTER | 4' AC

- Number of Traffic Lanes: 1-12' | 1-12' | 0.08 2-10' | 0.18 3-10' | 3-10' | 0.31 2-10' | 0.38 3-10' | 1.92 | 2-14' | 1.80 | 2-12'
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1.52 | 1.58
- (Right Side): 0.16 | 0.28 | 0.25 | 0.35 | 0.42 | 0.51 | 0.86 | 0.98 | 0.95 | 1.06 | 1.14 | 1.23 | 1.21 | 1.30 | 1.40 | 1.48
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left): 0.16 | CCG 0.25 | 0.28 CCG | 0.38 | 0.39 | CONC. CURB & GUTTER | 1.52 | CCG | 1.53 | 1.58
- Curb and/or Gutter: Type (Right and Left): CONC. CURB & GUTTER | 1.54
- Protective Devices: Type, Location and Number: 2.50 MM 2.55 | 2.51 A 2.54
- Illumination: Type, Location and Number: 1.52 | MV (R) | 1.80
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- HOV Lanes/Contra-Flow Lanes
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: URBANIZED-LARGE (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT (1)
- Speed: 1-Design, 2-Posted: NOT POSTED | 0.17 | 25 MPH (2) | 0.37 | 0.55 | 35 MPH (2) | 1.52 | 25 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing: 3 PHASE TRAFFIC SIGNALS | 1.51 | 2 PHASE
- Traffic Stations (Current Year): P72 0000 0010W
- HPMS Sections - AADT 2023: 34,800
- HPMS Sections - AADT 2022: 34,900
- HPMS Sections - AADT 2021: 34,200
- DOD Sections
- Census Tracts
- Functional Classification: PRINCIPAL ARTERIAL (3)
- National Highway System (NHS): ON NHS (1)
- Previous Projects: Project No., Date and Limits

Date Released
May 2005, D.B.

Revised	
5/06	G.N.
3/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/21	B.F.

ROAD INVENTORY

OAHU RTE 98

VINEYARD BLVD., HALONA ST., OLOMEA ST.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 1.758 miles
a. Survey Length: 1.758 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 10" = 1 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Maintenance Control Sections : Length and Description

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

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
TEE BEAM, 1959 HS 20, 95' (0.77) | PEDESTRIAN, 1957 (1.16) | (R) CONC. BOX GIRDER, 1968, HS 20', 227' (1.60) | PEDESTRIAN, 1969 (1.69)

Vertical Clearance
Horizontal Clearance
99' | 31' 31'

Structure Over Road

Vertical Clearance
Horizontal Clearance
15' 08" | 21'
55' | 37'

Right of Way Width (min.-max.) if varies
ESTIMATED 110'

Available Right of Way Width (Needs Study)
RESIDENTIAL AREA

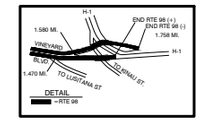
Right of Way Fence: Type - Right and Left
8' FROM EDGE OF PAVEMENT CHAIN LINK 0.18 | 0.33 CHAIN LINK 8' FROM EDGE OF PAVEMENT | 0.81 CHAIN LINK 8' FROM EDGE OF PAVEMENT 1.24 | 8' FROM E.P. 1.34 STONE WALL 1.36 | CHAIN LINK 8' FROM EDGE OF PAVEMENT 1.46

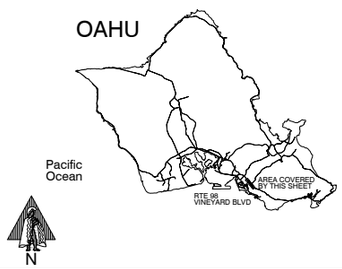
Control of Access: 1-None, 2-Partial, 3-Full

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
19+00 STATE

Project No., Type of Construction, and Year Constructed
STP-098-1(11) RESURFACE, 2016

Project No., Type of Construction, and Year Constructed
STP-098-1(10) & NH-098-1(9), 1995 | 0.92 98A-01-98, 2000 1.09 | STP-098-1(10) & NH-098-1(9), 1995





Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

BEGIN ROUTE 98 ON OLOMEA ST. AT THE END OF H-1 OFF-RAMP TO VINEYARD BLVD.

IAO LN. | PALAMA ST. | PUA LN. | WAIPA LN. | WAIPA LN. | LUAHA ST. (RTE. 7413) | AALA ST. | RIVER ST. NUUANU STR. BR. COLLEGE WALK | 0.787 MI. | MAUNAKEA ST. | NUUANU AVE. | 1 MPM | PALI HWY | PEDESTRIAN OVERPASS | QUEEN EMMA ST. | PUNCHBOWL ST. | PELE ST. | MILLER ST. | LUSITANA ST. | VINEYARD BLVD. RAMP STRUCTURE | PEDESTRIAN OVERPASS

0.000 MI. HALONA ST. / OLOMEA ST. — VINEYARD BLVD. — RIVER ST. — 1.758 MI.

0.094 MI. | 0.196 MI. | 0.339 MI. | 0.387 MI. | 0.463 MI. | 0.498 MI. | 0.728 MI. | 0.756 MI. | 0.767 MI. | 0.803 MI. | 0.886 MI. | 0.967 MI. | 1.009 MI. | 1.107 MI. | 1.160 MI. | 1.217 MI. | 1.334 MI. | 1.363 MI. | 1.418 MI. | 1.470 MI. | 1.580 MI. | 1.673 MI. | 1.758 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE. END ROUTE 98 ON VINEYARD BLVD. AT THE END OF THE ON-RAMP TO H-1 (AT CONCRETE NOSE).

SCALE: (In Miles) 10" = 1 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Divided Highway — Undivided

Shoulder: Width and Type
CURB & GUTTER | 1.51 5' AC | 1.60 | 1.63 6'-8' AC

Pavement: Width and Type
12' AC 0.03 | 36' AC | 0.97 48' AC 1.03 | 36' AC | 24' AC (3' AC)

Shoulder: Width and Type
0 | 1.99 4' AC

Median: Width and Type
CONC. BARR. H-1 | 6'-40' RAISED GRASS | 12'-24' RAISED GRASS | 12' RAISED GRASS | RAISED 4' | 6'-13' DIRT | CONC. BARRIER (H-1)

Median Barriers: = GUARDRAIL = CONC. BARRIER = CHAIN LINK FENCE
.103 .198 .225 .320 .357 .498 .728 .886 .334 .363 .400 .435 .534 .580

Shoulder: Width and Type
CURB & GUTTER | 0 | 1.96 4' AC

Pavement: Width and Type
24' AC 0.07 | 36' AC | 0.886 48' AC 0.97 | 36' AC | 1.47 24' AC

Shoulder: Width and Type
CURB & GUTTER | 1.65 5' AC | 8' AC

Number of Traffic Lanes
1-12' 0.03 | 2-12' 3-12' | 0.886 4-12' 0.97 | 4-12' 1.03 | 3-12' 1.40 | 2-12' 1.47 3-12' | 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
0.07 12' PARKING LANE 0.96 | 1.58

(Right Side)
.113 .198 .241 .339 .391 .402 .498 .576 .680 .728 .813 .886 12' AC T.L. .913 .927 .967 .036 .053 .107 .157 .174 .217 .277 .293 .334 2-11' (L) TL

Frontage Road: No. of Lanes, and Width (Right and Left)
(12' Conc.) .130 .166 .179 10' CONC. LANES | 12' AC

Sidewalk: Width and Type (Right and Left)
4' Concrete | (4' Concrete) | 8'-10' Concrete .430
4' Concrete .198 | 8' Concrete .470

Curb and/or Gutter: Type (Right and Left) CCG= Concrete Curb and Gutter
Conc. Curb .094 | Concrete Curb and Gutter | .543 .665 CCG
.027 Conc. Curb | Concrete Curb and Gutter | .470 .488 4' CURB .545 .594 .670 CB .671 CW .500 .596 CB .638 .717

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted. CW=Concrete Wall CB=Concrete Barrier

Illumination: Type, Location and Number
LED

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
BA .045 B .119 A .137 C .197 | A | .902 B .938 | A | .596 B .620 A .691 C

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.8.45)
B .259 | A | .073 B .356 C .548 A .690 DB

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
URBANIZED-LARGE (39889)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous
FLAT (1) | 0.97 ROLLING (2)

Speed: 1-Design, 2-Posted
30 MPH (2) | .483 (50 MPH (MIN. 40) (2))

Intersection Control Devices: Type, Location and Cycle Timing
.198 .339 .498 .728 .886 .967 (4) .107 .217 .334 3 PHASE

Traffic Stations (Current Year)
B72 0098 00000 | B72 0098 00000 | P72 0098 00086 | B72 0098 00097 | B72 0098 00136

HPMS Sections - AADT 2023
32,669 | 32,669 | 17,400 | 0.97 20,758 | 27,621 | 1.758

HPMS Sections - AADT 2022
31,882 | 31,882 | 17,900 | 20,800 | 1.334 27,900

HPMS Sections - AADT 2021
32,800 .080 | 32,800 | 0.500.50 17,000 | 24,200 | 10,900

DOD Sections
DOD 295 | DOD 300 | 1.11 DOD 305

Census Tracts
CT 56 | 0.20 CT 55 | 0.34 CT 54 | CT 53 | 0.77 CT 51 | 0.97 CT 42 | 1.22 CT 41

Functional Classification
PRINCIPAL ARTERIAL (3)

National Highway System (NHS)
ON NHS (1)

Previous Projects: Project No., Date and Limits
(98A-01-75M, (R), 1975) 0.02 | 9800A-01-81M, (R), 1981 | 0.20 | 98A-01-86M, (R), 1986 | 0.64 | 9800A-01-81M, (R), 1981 | 1.60 I-H1-1(31) UNIT 1, 1967

SCALE: (In Miles) 10" = 1 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00

Date Released
April 2005, D.B.

Revised	
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY
OAHU RTE 99
KAMEHAMEHA HIGHWAY

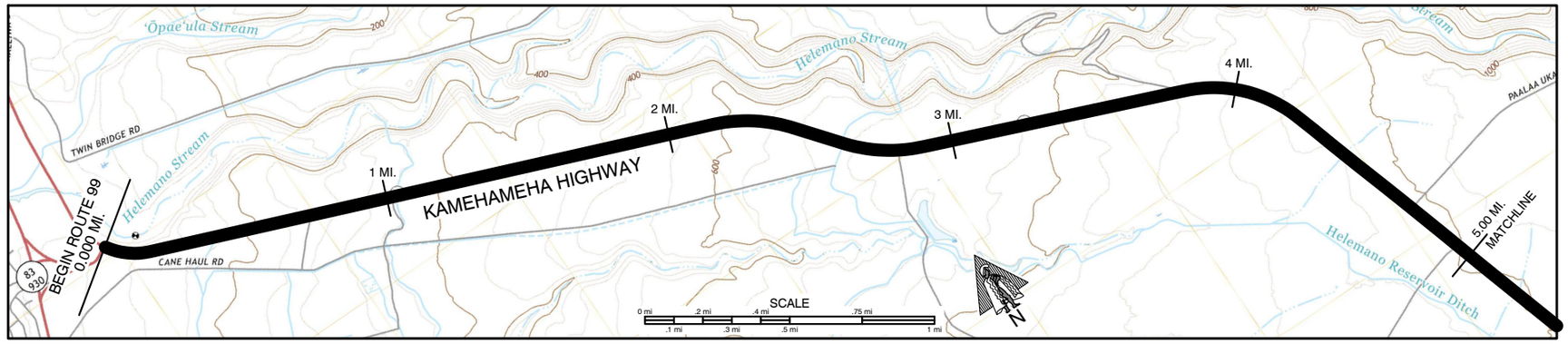
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	23.842	MILES (a+b)
a. Existing Length:	23.842	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	23.842	MILES (a+b, less c)
a. Existing Length:	23.842	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	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 | 1000' Clear Pineapple Field, 25'-30' from Edge of Pavement

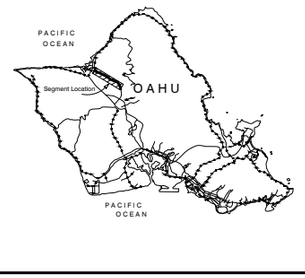
Right of Way Fence: Type - Right and Left

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: NH-099-1(031), Rehabilitation, 2024

Project No., Type of Construction, and Year Constructed: STP-099-1(10), Resurface, 1994



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

0.000 mi.

End Divided Hwy 0.106 mi. | Ent. to Water Tank 0.483 mi. | Tractor Crossing 0.733 mi. | Tractor Crossing 1.293 mi. | Tractor Crossing 1.676 mi. | Tractor Crossing 2.028 mi. | Culvert 2.618 mi. | Field Road 2.817 mi. | Culvert 2.618 mi. | Culvert 3.660 mi. | Culvert 3.812 mi. | Begin Divided 4.509 mi. | Paalaa Uka Pupukea Rd. 4.748 mi. | End Divided Hwy Tractor Crossing 5.000 mi. 4.947 mi.

KAMEHAMEHA HIGHWAY

CONTINUED ON SHEET 2

Divided Highway — Undivided

Shoulder: Width and Type	8'-10' AC .020 | 2'-4' AC / 4'-8' Dirt & Grass 1.05 | 2'-4' AC / 10' Grs. & Dirt 2.05 | 2'-4' AC 2.40 | 2'-4' AC / 4'-8' Grass 2.85 | 2'-4' AC / 25' Grass 3.35 | 2'-4' AC / 4'-10' Grass 3.79 | 2'-4' AC 4.05 | 2'-4' AC / 10'-4' Grass 4.90 | 4'-6' AC / 8' Grass
Pavement: Width and Type	12' AC | 22' AC 2.57 | 11' AC
Shoulder: Width and Type	0 | 6' AC 0.24 | 2' AC 0.35 | 6' AC 0.46 | 13' AC 0.78 | 4' AC 0.90 | 8'-10' AC 1.05 | 1.47 | 4' AC 1.59 | 12' AC 1.74 | 4' AC 1.84 | 10'-12' AC 2.15 | 8'-10' AC/ 4'-8' Grass 2.41 | 10'-12' AC | 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 3.07 | 4' AC/ 4' Grass | 8'-10' AC/ 6'-10' Grass | 8'-10' AC 4.23 | 4' AC / 4'-8' Grass | 0
Median: Width and Type	(0'-12' Painted AC) .106 | (2' AC/ 8'-12' Grass) | (6' AC/ 6'-10' Dirt) | (8'-10' AC/ 6' Gravel) .509 | 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'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .159 \| .748 .880

(Right Side): .056 \| .608

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): .163 (10' GUTTER) .233 (6' GUTTER) \| (6' GUTTER) .485 .500

Protective Devices: Type, Location and Number (Metal on Metal Guard Rails Unless Indicated Otherwise): .099 .234 .126 .285 .321 .347 \| .774 .779 .897 .907 \| .187 .277 .470 .597 .463 .590 .740 .722 .850 .853 \| .049 .215 \| .603 .594 .640 .638 \| .274 .446 \| .647 .699 .789 .809 .822 .825 \| .794 .851

Illumination: Type, Location and Number: LED

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): B .159 \| A

Superelevation (Range)

Grade Class: +/_ % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): C .49 \| D .205 \| C .511 \| D .495 \| C .781 \| B .339 \| D .495 \| C .278 \| B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (99999)

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

Speed: 1-Design, 2-Posted: 35 MPH (2) / 45 MPH (2) .607 \| 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: .000 3 Phase \| .781 2 Phase

Traffic Stations (Current Year): B72 0099 00000

HPMS Sections - AADT 2023: 12,700

HPMS Sections - AADT 2022: 12,200

HPMS Sections - AADT 2021: 11,800

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits: LT-O-03-79M, Resurface, 1979 .423 \| .495 (HWY-0-01-82M (R), 1982)

DF-082-1(1), 1959

(STP-0300(29), 1994 Resurface) .497

FAP 21-B, 1937 .495 (UNRS 21-A, 1935)

102+00 102+10

SCALE: (In Miles) 4" = 1 mile

Date Released
May 2002

Revised	
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J

ROAD INVENTORY

OAHU RTE 99

KAMEHAMEHA HWY., KAMANANUI RD., WILIKINA DR.

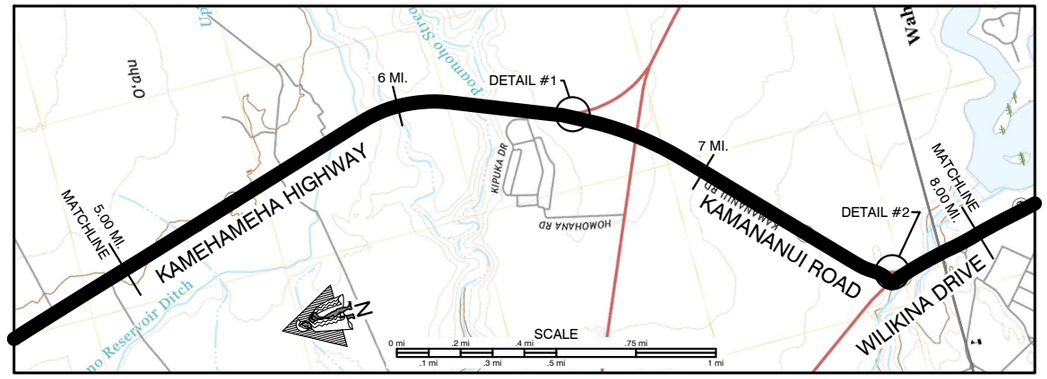
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

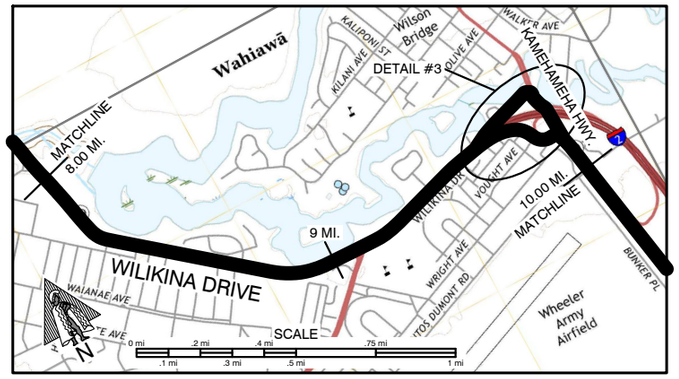
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	23.842	MILES (a+b)
a. Existing Length:	23.842	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	23.842	MILES (a+b, less c)
a. Existing Length:	23.842	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

99A (6.56mi.) | 99B (1.14mi.) | 99C (9.09mi.)
End 99A & Beg 99B at the centerline of Kam Hwy. & Kamananui Rd.
End 99B & Beg 99C at the centerline of Kamananui Rd. & Wilikina Dr.

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' (Brodie Camp 2 Br.)
- 24' (Poamoho Br.)
- 26' (Upper Kaukonahua Br.)

Structure Over Road

Horizontal Clearance

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 60'-140' | 100' | 100'-110' | 100' - 130' | 100'-120'

Available Right of Way Width (Needs Study): 1000' Clear Pineapple Field, 25'-30' from Edge of Pavement | Military Reserve | Residential Area | (Chain Link Fence 20'-40' F.E.O.P.)

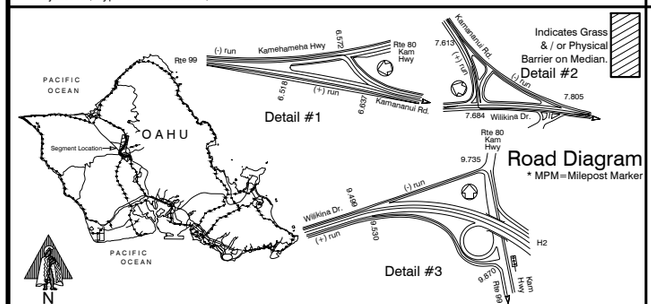
Right of Way Fence: Type - Right and Left: Chain Link, 15' from Edge of Pavement | Chain Link, 15' from Edge of Pavement

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

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

Project No., Type of Construction, and Year Constructed: NH-099-1(031), Rehabilitation, 2024 | (NH-099-1(24), Rehabilitation, 2008)

Project No., Type of Construction, and Year Constructed: (STP-099-1(18), Inter. Impr. 2000) | (99C-02-00,2004, Inter. Imprv.) | (HWY-O-03-08M, SLURRY SEAL, 2009, (-) DIR ONLY)



CONTINUED FROM SHEET 1

5.000 mi.

KAMEHAMEHA HIGHWAY — KAMANANUI RD. — WILIKINA DR. — KAM HWY

End Divided Hwy | Poamoho Br. | Nui Ave. | Field Rd. | Kaukonahua Rd. (Route 803) | Upper Kaukonahua Br. | Begin Divided Hwy (Barricaded) | Funston Gate (Closed) | MacComb Rd. (Gate) | Rd. to Military Housing Mendonca Park | Schofield Sands | Driveway | Lakeview Circle | End H-2 | Ramp from H2 | Kam Hwy (Rte 80)

Detail #1 | Detail #2 | Detail #3

Entrances to Dole Plantation | Road to Refuse Dump | McNair Gate & End Divided | Merge w/ H-2 (from +run) | Ramp from H2,I.B. | H2 Overpass

Begin Divided (Good tie-in) | End Divided | Begin Div. Hwy (Good tie-in) | End Div. Hwy | Begin Div. Hwy | Spur | Kam Hwy | RAMP TO KAM HWY | H-2

Paved Rd | Plantation Rd & T.C. | Brodie Camp 2 Br. | Paved Rd (R)

5.000 mi. | 5.567 mi. | 5.591 mi. | 5.599 mi. | 5.660 mi. | 5.685 mi. | 5.757 mi. | 6.211 mi. | 6.318 mi. | 6.387 mi. | 6.421 mi. | 6.518 mi. | 6.572 mi. | 6.627 mi. | 6.689 mi. | 6.764 mi. | 6.979 mi. | 7.097 mi. | 7.613 mi. | 7.684 mi. | 7.748 mi. | 7.805 mi. | 7.829 mi. | 7.886 mi. | 7.937 mi. | 7.968 mi. | 8.031 mi. | 8.056 mi. | 8.061 mi. | 8.109 mi. | 8.277 mi. | 8.372 mi. | 8.702 mi. | 8.964 mi. | 9.048 mi. | 9.062 mi. | 9.123 mi. | 9.168 mi. | 9.373 mi. | 9.735 mi. | 9.870 mi.

7 MPM | 9 MPM 9.010 mi. | 9 MPM 9.017 mi.

Begin Ramp 9.330 mi. (Good tie-in) | End Ramp 9.870 mi.

10.000 mi.

CONTINUED ON SHEET 3

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- 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 | 2'-4' AC | 0'-2' AC | 20' Conc. | 0'-2' AC | 4' AC

Pavement: Width and Type
- 22' AC | 20' AC | 11' AC | (2'-4' AC/ 60' Grass & Dirt) | 22' AC (4' AC) | 11' AC (4' AC) | 22' AC | 11' AC | 24' AC | 14'-23' AC | 23' AC | 11.5' AC | 24' AC

Shoulder: Width and Type
- 2'-4' AC / 4'-8' Grass | 2'-4' AC | 2'-4' AC/ 4'-8' Grass | 4' AC | 4' AC / 10'-14' Grass | 4' AC/ 4'-10' Grass | 0'-2' AC | 0 | 1' AC | 0 | 0'-2' AC | 1' AC

Median: Width and Type (=Conc. Barrier)
- (0-27' AC) (0'-55' Grass) | (0-16' AC) | 0'-11' Painted AC | (6' AC) (0'-12' Painted) | (0'-8' Painted) .179 .261 Conc. Barrier | 4'-21' Raised Grass | 0'-500' Interchange | 20' Grass (Raised)

Shoulder: Width and Type
- 6' AC | 0 | 0 | (14'-24' AC) | 0 | 4' AC | 1' AC

Pavement: Width and Type
- 11' AC | 12' AC | 24' AC | 23' AC | 24' AC | 15' AC | 24' AC | 22' AC

Shoulder: Width and Type
- 4' AC/ 10' Grass | 4' AC | 4' AC/ 10' Dirt | 12' AC | (1-(14.5'-23')) | 0'-2' AC | 6' AC | 6' AC/ 10' Grass | 5' AC

Number of Traffic Lanes: 2-11' | 2-10' | 2-11' | 2-12 | 2-11.5' | 4-11.5' | 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (1-12' (L) T.L.) (2-14.5') | (1-(14.5'-24')) | 14' (L) T.L.

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 5' Conc. | CONC. CURB | CONCRETE CURB | 4' Conc. Gutter | 5' Bit. Gutter

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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CC=Concrete Base/Post/Rail

Illumination: Type, Location and Number: LED | LED | LED | LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998) | Urbanized-Large (39889) | Small Urban (99998) | URBANIZED-LARGE (39889)

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

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

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

Traffic Stations (Current Year): B72 0099 00000 | B72 0099 00622 | B72 0099 00652 | B72 0099 00677 | B72 0099 00794 | B72 0099 00836 | B72 0099 00936 | B72 0099 00986 | (B72 0099 01021)

HPMS Sections - AADT 2023: 12,700 | 15,338 | 6,100 | 9,281 | 21,800 | 22,600 | 35,200 | 17,226 | (18,663)

HPMS Sections - AADT 2022: 12,200 | 14,969 | 7,400 | 9,300 | 19,900 | 21,967 | 36,400 | 17,400 | (18,700)

HPMS Sections - AADT 2021: 11,800 | 16,900 | 7,600 | 7,675 | 19,800 | 22,600 | 35,000 | 15,700 | (17,900)

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3) | Freeway & Expressway (Conn. Link) (2)

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

Previous Projects: Project No., Date and Limits
- STP-0300(29), Resurfacing, 1994
- HSIP-0300(121 Grdr/Shldr Imp., 2018
- HWY-0-01-82M, Resurface, 1982
- 99C-01-84,(R) 1984
- HWY-0-01-89M, (R) 1990
- 99C-01-79M, (R) 1979
- (C-99-06-60, 1960)
- DF-082-1(1), 1959
- DA-WR 8(3), 194
- HWY-0-06-07M, R, Slurry Seal, 2007, (-) DIR Only)
- NRS 21-A, 1935
- DA-WR 7(1), 1944
- NRH-7D, 1934

SCALE: (In Miles) 4" = 1 mile

Date Released
May 2002

Revised	
Feb. 03	J.K.
May 04	D.B.
June 06	D.B.
Feb. 08	D.B.
Feb. 09	D.B.
Aug. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

ROAD INVENTORY

OAHU RTE 99

KAMEHAMEHA HIGHWAY

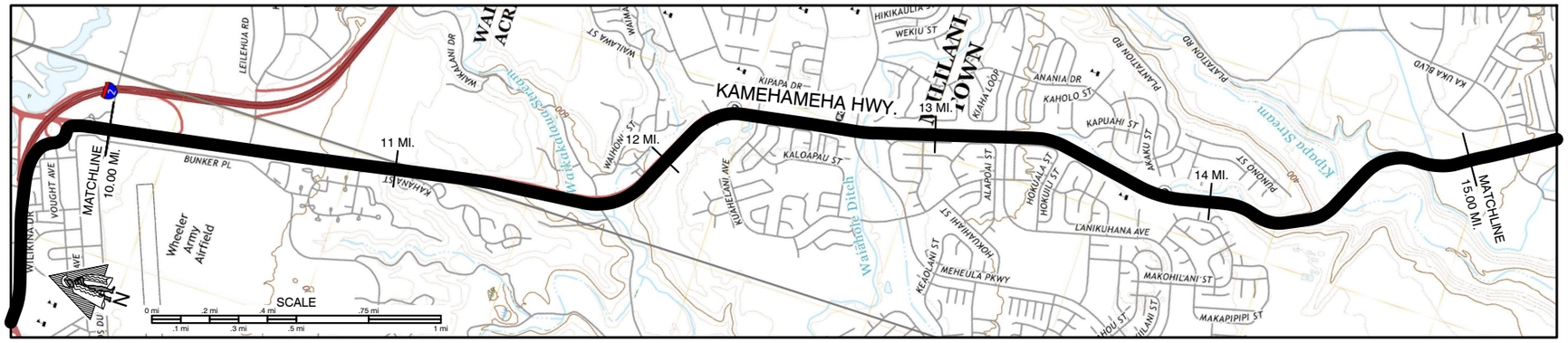
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	23.842	MILES (a+b)
a. Existing Length:	23.842	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	23.842	MILES (a+b, less c)
a. Existing Length:	23.842	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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'
30'

Structure Over Road

Vertical Clearance
13.5'
Pedestrian Overpass 36'

Horizontal Clearance

Right of Way Width (min.-max.) if varies
100' - 120' | 116' - 245' | 120' - 275' | 70' - 240'

Available Right of Way Width (Needs Study)
Military Reserve | Trees & Bushes | Residential Area | Trees & Bushes

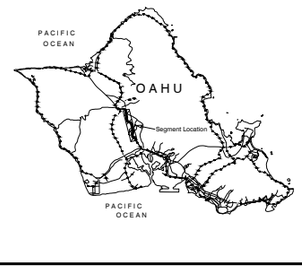
Right of Way Fence: Type - Right and Left
10.61 (25' F.E.O.P.) Vinyl Fence 10.83
Chain Link, 15' from Edge of Pavement
11.92 11.95 (6' Chain Link Fence)
Tile 12-15' from Edge of Pavement 12.43 12.74
12.84 12.96 Tile 50' from Edge of Pavement 13.65
Tile 20'-30' from Edge of Pavement 13.59

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
81+00 81+00
State

Project No., Type of Construction, and Year Constructed
NH-099-1(24), Rehabilitation, 2008
NH-099-1(029), Resurface, 2019

Project No., Type of Construction, and Year Constructed
HSIP-0300(121), Guardrail and Shoulder Improvements, 2018
(NH-099-1(12), Widening, 1997)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 2 — 10.000 mi.

Santos Dumont Ave. (R) Hoopiko Rd. (L) | Ramp Access from H-2 | Leilehua Golf Course Road | Field Rd. | Waikakalaua Br. | Waikalani Dr. | Wahiawa St. | Kipapa St. | Kuahelani Ave | Meheula Parkway | Lanikuhana Ave | End Divided Hwy | Beg Divided Hwy | Pedestrian Overpass | Kipapa Br End Divided Hwy | Road Beg Divided Hwy | Road

KAMEHAMEHA HIGHWAY

10.007 mi. | 10.231 mi. | 10.489 mi. | Lehua Rd. (Rt.) Hoolehua Housing (Gate Closed) 10.878 mi. | 11.591 mi. | 11.708 mi. | 11.924 mi. 11.902 mi. | 12.218 mi. | (Beg. Shldr. Run) Good Crieburst 12.383 mi. 12.359 mi. | 12.760 mi. 12.725 mi. | 13.242 mi. | 13.430 mi. | 13.560 mi. | 13.769 mi. 13.780 mi. | 14.280 mi. | 14.423 mi. 14.380 mi. | 14.545 mi. 14.520 mi. | 14.635 mi. | 14.790 mi.

CONTINUED ON SHEET 4 — 15.000 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type
4' AC | 5' AC | 3' AC | 5' AC | 3' AC | 0'-2' AC | 0'-2' AC / 15' Grass | 0'-2' AC / 50' Grass & Dirt | 0'-2' AC | 2'-4' AC / Dirt & Gravel

Pavement: Width and Type
24' AC | 22' AC | 22'-24' AC | 22' AC | 33' AC | (22' AC) | 11' AC | 24' AC | 11' AC (24' AC)

Shoulder: Width and Type
1' AC | 1.5' AC | 1' AC | (14'-30' Grass) | 2'-4' AC | 0 | 6'-8' AC | 0 | 2'-4' AC | 0

Median: Width and Type — =Conc. Barrier =M/M Guard Rails
(20' Raised Grass) | 4'-17' Raised Grass | 18' Grass | 4'-18' Raised Grass | 4'-15' Raised Conc. | 15'-20' Raised Grass | 8'-20' Grass | 5'-13' Raised Grass | (13'-28' Sloped Grs.) | 28'-50' Sloped Grs. | 28'-55' Raised Sloped Grass (38'-50' Sloped Grs.) | 8'-28' Raised Grass | 20'-30' Raised Grass | 16'-20' Grass | 6'-16' Grass | 6'-17' Grass | 15'-17' Grass | 10'-17' Grass | 0'-12' AC | 0'-7' Painted AC | 0'-7' Painted AC (0'-28' Painted AC)

Shoulder: Width and Type
1' AC | 3' AC | 1' AC | 0'-1' AC | 4' AC | 0'-2' AC | 4' AC | 0'-2' AC | 0 | 0

Pavement: Width and Type
22' AC | 24' AC | 22'-24' AC | 24' AC | 11' AC | 11' AC (24' AC)

Shoulder: Width and Type
5' AC | 0'-2' AC | 2'-6' AC/ 8'-12' Grass | (2-11.5') | 3' AC | 0'-2' AC / 8'-12' Grass | 0'-2' AC / 25'-30' Grass | 2'-4' AC | 2'-4' AC

Number of Traffic Lanes
2-12 | 2-11 | 4-11' | 2-11 | 2-12' | 4-(11'-12') 14 TL | 4-11' | 2-11 | 1-11' | 2-11' | (4-12')

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
18' TL | 15' TL | 14' TL | 14' TL | 11' TL | 12' TL | 11' TL | 14' TL | 12' TL | Bus | Bus

(Right Side)

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

Sidewalk: Width and Type (Right and Left)
10.48 (4'-8' Conc. S.W.) | 10.59 (8' Conc. S.W.) | 11.58 Conc. S.W. | 11.69 11.73 4" Bituminous SW | 11.89 4' AC S.W. | 12.17 | 12.21 .33 (4' AC S.W.) | 12.38 8' PCC S.W. | 12.69 6' Conc. S.W. | 8' PCC S.W.

Curb and/or Gutter: Type (Right and Left) — MCC=Mountable Concrete Curb; CCG=Concrete Curb and Gutter
(Concrete Curb) MCC | Conc. Curb and Gutter | Concrete Curb | 4' Gutter | Conc. Curb | CC | Conc. Curb | Conc. Curb

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CC=Concrete Base/Post/Rail CLF=Chainlink Fence
Concrete Curb & Gutter | CC | Concrete Curb | 4' Gutter | (CCG) | CONC. CURB | 12' CLF | CC | CC

Illumination: Type, Location and Number
(LED) 10.434 | LED | LED | LED | LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
URBANIZED-LARGE (39889)

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

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

Intersection Control Devices: Type, Location and Cycle Timing
3 Phase | 3 Phase | 3 Phase | 4 Phase | 4 Phase | 3 Phase

Traffic Stations (Current Year)
B72 0099 01021 | B72 0099 01048 | B72 0099 01191 | B72 0099 01235 | B72 0099 01271 | P72 0099 01454

HPMS Sections AADT 2023
18,663 | 14,271 | 14,671 | 17,365 | 10,180 | 28,800

HPMS Sections AADT 2022
18,700 | 14,300 | 14,700 | 17,400 | 10,200 | 28,100

HPMS Sections AADT 2021
17,900 | 14,500 | 14,300 | 18,400 | 10,400 | 27,000

DOD Sections

Census Tracts

Functional Classification
Frwy & Expressway (Connecting Link) (2)

National Highway System (NHS)
On NHS (1)

Previous Projects: Project No., Date and Limits
HWY-0-01-89M, (R) 1990 | HWY-O-01-89M, (R) 1990 | HSIP-0300(121), Guardrail and Shoulder Improvements, 2018
(DE-0200(803), Intersection Imprv., 2001) HWY-O-01-89M, (R) 1990 | 99C-01-90M, (R) 1991
99C-01-87, 1988 (Improv.) | 99C-01-78M, (R) 1979
99C-01-78M, (R) 1979 | 99C-01-73, (R) 1975
C-99-06-60, 1960 | SN (DC) FA F-7(20), 1949
DA-WR 8(3), 1947 | WPH-7G, 1937 | (99C-01-75, 1975) | WDRC 5(1), 1946 | C-99-01-60, 1960
NRH-7D, 1934 | WPH-7-1, 1936 (SN FAP 7(19), 1949) (WPH-7-1, 1936) | WRH-7D, 1934 | FAP 7-F, 1932

SCALE: (In Miles) 4" = 1 mile

Date Released
May 2002

Revised	
Apr. 04	D.B.
May 06	G.N.
Feb. 09	D.B.
Sept. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

ROAD INVENTORY

OAHU RTE 99

KAMEMEHAHA HWY., FARRINGTON HWY.

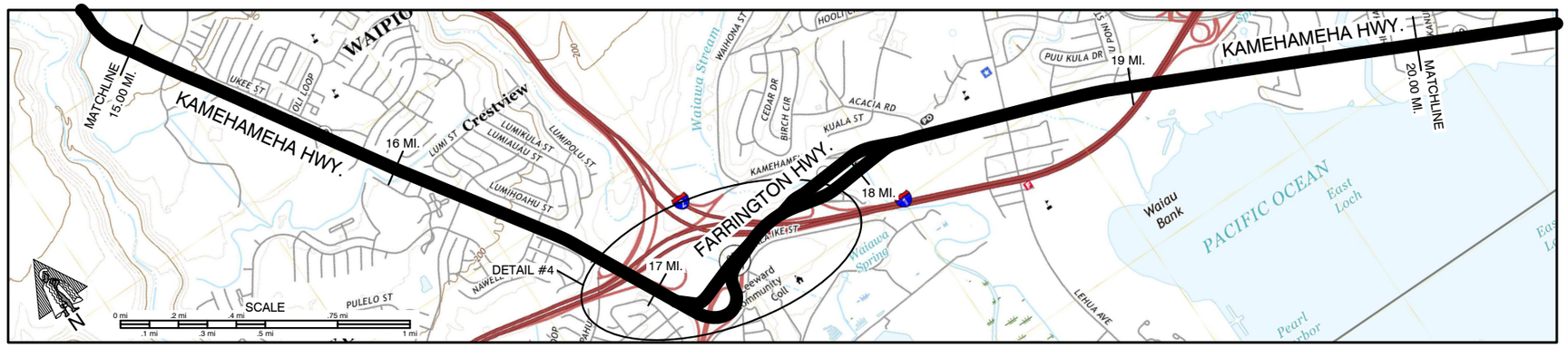
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	23.842	MILES (a+b)
a. Existing Length:	23.842	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	23.842	MILES (a+b, less c)
a. Existing Length:	23.842	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

99C (9.09mi.) | 99D (1.23mi.) | 99E (3.11mi.)

End 99C Begin 99D on Kam Hwy. @ the Centerline of Waipahu St.

99D Continues from Rte 9000. Length shown is only for that portion on Rte 99 (I.B.)

End 99D Begin 99E at Junct. of Farr. Hwy. & Old Kam Hwy.

Structure Carrying Road

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

65' SG, HS20, 1953 | 489' TBM, HS20, 1969 | 184' P/CB, HS20, 1969 | 527' CBG, HS20, 1969 | 260' CBG, 1969 | TBM, H15, 1933 | TBM, HS20, 1952 | 38' TBM, HS20, 1962 | P/CB, 1969 | 45' P/CB, HS20, 1966

Vertical Clearance

65' Waipahu U.P. | 489' H1 U.P. | 184' Farrington Hwy U.P. | 527' H1 U.P. | 18' | 30' | 28' | 154' TBM 1988 | 38' Pearl City Br. | Waimalu Str. Br.

Horizontal Clearance

28' | 34' | 23' | 33' | 332' 200' Waiawa Br. I.B. | 42' | 42' | H1 Overpass | 39' | 38'

Structure Over Road

Vertical Clearance

16' | 43' H1 Ramp O.P. | Waiawa Br. O.B. | 16' 34" Kam Hwy O.P. | 10'

Horizontal Clearance

38' | 38' | 33' | 99'

Right of Way Width (min.-max.) if varies: 70' -240'

Available Right of Way Width (Needs Study): (Trees & Bushes) | 1000' Clear - Pineapple, 20' from Edge of Pavement | 1000' Clear - Sugar Cane, 20' from Edge of Pavement | Wood 20' from Edge of Pavement | Residential | Interchange | Industrial & Residential | Chain Link | SW | Chain Link | Chain Link

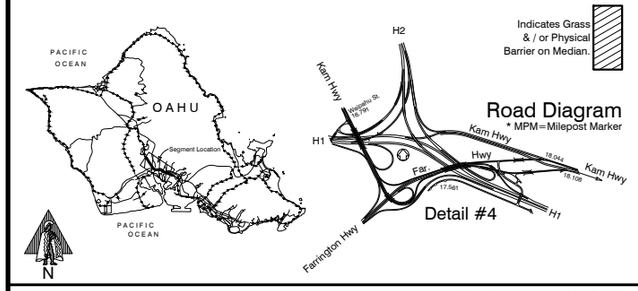
Right of Way Fence: Type - Right and Left

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(029), Resurface, 2019) | (99D-01-17, Drainage Improvements, 2023) | 99D/G-02-08, MEDIAN IMPRV., 2011

Project No., Type of Construction, and Year Constructed: NH-099-1(12), Widening, 1997 | HSIP-0300(121), Guardrail and Shoulder Improvements, 2018



CONTINUED FROM SHEET 3 — 15.000 mi.

Ka Uka Blvd | COBP Maintenance Facility | Waipio Uka St. | Lumiaina St | Lumiauau St | Waipahu U.P. 16.720 mi. | Waipahu St. 16.839 mi. | H1 U.P. 16.839 mi. | Ramp from Farr. Hwy 1B 17.028 mi. | Ramp from Farr. Hwy O.B 17.060 mi. | Detail #4 | Farr. Hwy. Ramp to H1 17.394 mi. | H1 U.P. Farrington Hwy Rte 7101 17.550 mi. | Ramp Acc. from H-1 17.674 mi. | Waiawa Br. O.B. 17.796 mi. | Kam Hwy O.P. 17.868 mi. | Ramp to H1 & H2 18.044 mi. Old Kam Hwy | Sam's Home Depot Acacia Rd. (Mariana Housing) | Waimano Home Rd. | Puu Momi St. Pearl City Br. 18.653 mi. | Puu Poni St. | H1 Overpass Paved Road | Kuleana St. | Kaahumanu St. Hla Pl. Kaluamoi Pl. | End 19.838 mi. Waimalu Str. Br. | Helaiha St.

KAMEHAMEHA HWY | FARRINGTON HWY | KAMEHAMEHA HWY

#10A | #10B | #4A | #4B | #9A | #9B

15.149 mi. | 15.765 mi. | 15.871 mi. | 16.250 mi. | 16.530 mi. | 16.731 mi. | 16.791 mi. | 16.835 mi. | 16.991 mi. | Off Ramp to Waipio Uka 17.106 mi. | Farrington Hwy U.P. 17.184 mi. | Ramp Access to H-1 17.288 mi. | Ramp Access to H-1 17.500 mi. | 17.561 mi. | Ramp Access to H-2 17.713 mi. | H1 Ramp O.P. 17.790 mi. | Waiawa Rd. 17.818 mi. | Waiawa Br. I.B. 17.868 mi. | Access from Pearl City Ind. Park 18.099 mi. | Kam Hwy 18.108 mi. | 18.268 mi. | 18.351 mi. | Lehua Ave 18.555 mi. | 18.660 mi. | 18.724 mi. | 18.945 mi. | 19.042 mi. | 19.062 mi. | 19.175 mi. | Rds to Power Plant 19.292 mi. | 19.566 mi. | 19.624 mi. | (Bannister Park) 19.675 mi. | Begin 19.809 mi. | 19.913 mi.

CONTINUED ON SHEET 5 — 20.000 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 4'-6' AC | 2'-4' AC | 0'-2' AC | 6'-8' AC | 0'-2' AC

Pavement: Width and Type: 24' AC | 24' PCC | 24' AC | 15' AC | 33' AC | 33' PCC | 24' AC | 36' AC | 40' AC | 36' AC

Shoulder: Width and Type: 0 | 2'-4' AC (PCC on Structures)

Median: Width and Type: 0'-28' Painted AC | 4'-20' Grass | 18' (Structure) | 18' Grass | 11'-18' Grass | 20' Structure | 20'-40' Grass | 4'-300' Parkway | 20'-4' Grass | 4' Raised Conc. | 4' Raised Conc. | 3'-15' Raised Grass | 6'-12' Raised Grass | 4'-10' Raised Grass | 6'-3' Raised Conc. | 8'-10' Grass | (3' Raised Conc.) | (8'-10' Raised Grass) — (4'-10' Raised Grass)

Shoulder: Width and Type: 0 | 1'-3'AC | 3'-5' AC (PCC on Structures) | 2'-0' AC (PCC on Structures)

Pavement: Width and Type: 24' AC | 24' PCC | 24' AC (24' PCC) | 15' AC (24' AC) | 24' PCC | 24' AC | 24' AC | 33' AC | 36' AC

Shoulder: Width and Type: (6' AC) | 0 | (0'-2' AC) | 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: 4-12' | 2-12' | 2-15 | 1-15' | 3-11' | 2-12' | 4-12' | 3-12' | 3-11' | 6-12' | (6-13.3') | 6-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ↶u=u-turn

(Right Side) ↷u=u-turn

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier; CC=Concrete Base/Post/Rail MCB=Metal on top of Concrete Barrier

Illumination: Type, Location and Number: LED | (LED) | (Barrel Impact Attenuator) | LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

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

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase | (-) Run .796 (+) Run .796 2 Phase | 4 Phase | 4 Phase | 3 Phase | 3 Phase | 3 Phase | 3 Phase

Traffic Stations (Current Year): P72 0099 01454 | B72 0099 01514 | B72 0099 01653 | B72 0099 01679 | B72 0099 01747 | B72 0099 01825 | B72 0099 01928 | B72 0099 01990

HPMS Sectiona - AADT 2023: 28,800 | 21,414 | 32,435 | 45,144 | 50,896 | 47,904 | 19,979 | 30,677

HPMS Sectiona - AADT 2022: 28,100 | 20,898 | 32,500 | 45,600 | 49,669 | 48,000 | 18,974 | 29,938

HPMS Sectiona - AADT 2021: 27,000 | 21,900 | 28,829 | 40,300 | 51,100 | 27,144 | 18,814 | 30,800

DOD Sections

Census Tracts

Functional Classification: Freeway & Expressway (Connecting Link) (2) | Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

HSIP-0300(121), Guardrail and Shoulder Improvements, 2018

99C-01-90M, (R) 1991 | NH-099-1(9), (Widening) 1995 | 99C-01-78M, (R) 1979 | 99C-01-78M, (R) 1979 | HWY-0-03-83M, (R) 1983 | 7101A-01-89M, (R) 1990 | 99CD-01-92M, (R) 1993, Left Turn Lanes | 99CD-01-87M, (R) 1987 | 99CD-01-87M, (R) 1987 | NH-099-1(11), 1994 | 99D/G-01-08, TRAFFIC OP. IMPRV., 2011 | 99E-01-91M, (R) 1992 | (90BC-01-76 M, (R) 1976)

99C-01-78M, (R) 1979 | C-99-01-60, 1960 | (F-7(21), 1953) | 16.62 | 90A-01-77M, (R) 1978 | 90-BC-01-73, (R) 1975 | (HWY-0-01-88M, (R) 1988)

(FAP 7-F, 1932) | FAP 7-C, 1931 | I-H1-1(36):8, 1967 | I-H1-1(47):9, 1968 | F-9(35), 1952 (OUTBOUND) | 18.14 (INBOUND) | F-090-1(6), 1961 | U-090-1(9), 1965 | (DA-NR 13(2),1944)

SCALE: (In Miles) 4" = 1 mile

Date Released
May 2002

Revised	
Aug. 04	D.B.
Sept. 10	D.B.
Jan. 11	D.B.
Feb. 12	D.B.
Sept. 12	D.B.
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

ROAD INVENTORY
OAHU RTE 99
KAMEHAMEHA HIGHWAY

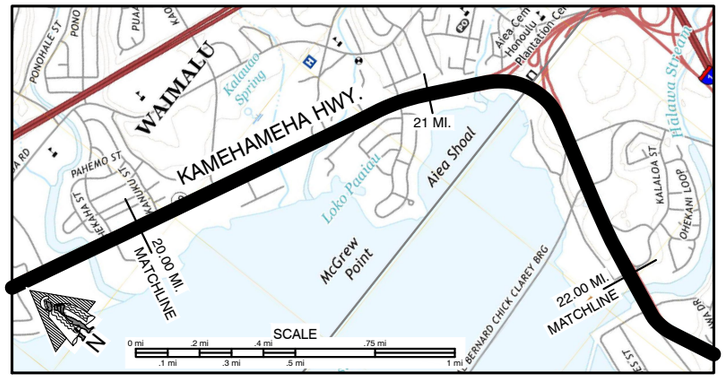
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

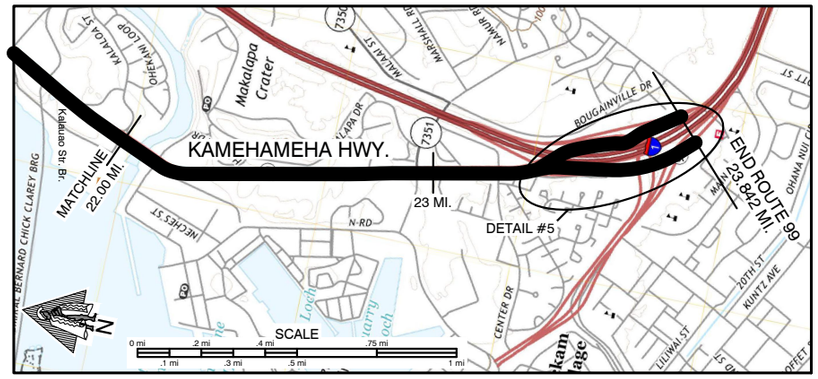
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	23.842	MILES (a+b)
a. Existing Length:	23.842	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	23.842	MILES (a+b, less c)
a. Existing Length:	23.842	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 4" = 1 mile

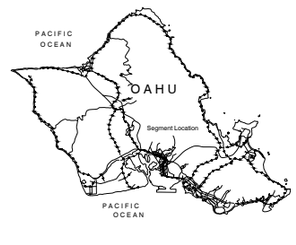
Maintenance Control Sections : Length and Description

99E (3.11mi.) | End 99E & Begin 99F @ N.W. End of Aiea Br. | 99F (1.03mi.) | End 99F Begin 99G 200' S.E. of Halawa Gate Centerline. | 99G (1.67mi.) | End 99G Same as End of Route.

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
  - 45' P/CB, HS20, 1966 108'
  - OTH, HS20, 1965
  - SMS, 1966
  - SMS, 1965
  - 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' (P/T Box Girder & Reinforced Conc. Box Girder, HS-20, 1977)
  - 870' (Reinforced Conc. Box Girder, HS-20, 1977)
  - 126' 294'
- Vertical Clearance
  - 54' Kalauao Springs Br.
  - 60' Kalauao Str. Br.
  - 49' Aiea Br.
  - Aiea Int. Struct. #2
  - Aiea Int. Struct. #4
  - Halawa Br.
  - Struct. #4
  - Struct. #7
- Horizontal Clearance
  - 39' 39'
  - 39' 38'
  - 80'
  - 37' 48' - 3"
  - 16' 18'
  - 40'
- **Structure Over Road**
- Vertical Clearance
  - 18' 16' 07"
  - 44' 46'
  - 16.7' 16.7' 16.5'
  - 30' 12'
- Horizontal Clearance
  - Struct. #6 (R)

- Right of Way Width (min.-max.) if varies: 70' -240'
- Available Right of Way Width (Needs Study): Industrial / Residential
- Right of Way Fence: Type - Right and Left: Chain Link Fence | C.L. Fence
- Control of Access: 1-None, 2-Partial, 3-Full: Partial | None
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State
- Project No., Type of Construction, and Year Constructed: 99D/G-02-08, MEDIAN IMPRV., 2011 | Outbound Only, CMAQ-099-1(22),Bikeway, 2007
- Project No., Type of Construction, and Year Constructed: HSIP-0300(121), Guardrail and Shoulder Improvements, 2018



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 4

20.000 mi.

Kanuku St. | Kaonohi St. | Lipoa Pl. | Kalauao Springs Br. | Pali Momi St. | Kalauao Str. Br. | Kihale St. | Aiea Kai Pl. | Aiea Br. | Honomanu St. | Off Ramp to Moanalua Fwy | Aiea Int. Struct. #2 | On Ramp from Moanalua Fwy | Aiea Int. Struct. #4 | Paved Rd. | Ramps (To Stadium & Moanalua Hwy.) | 21.455 mi. | Salt Lake Blvd. | Out Bound | In Bound | Kohomanu St. Recreation Pool | Kalaloa St. | Halawa Br. | Halawa Dr. | Bus Turn-out | Bus Turn-out | Radford Dr. | Center Dr. | Ramp (92 West) | Ramp (From H1 O.B.) | Ramp (To H1 I.B.) | Nimitz Hwy I.B.) | Structure #2 23.317 mi. | Ramp 23.656 mi. | Ramp (To H1) 23.72 mi.

KAMEHAMEHA HIGHWAY

Telem. Sta. 006 20.717 mi. | Speed Table 20.703mi. | Speed Table 20.724 mi.

MPM | (Makalapa Gate)

Detail #5

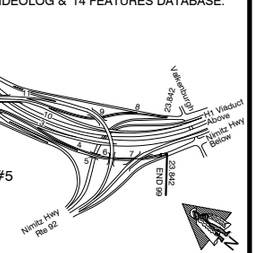
20.075 mi. | 20.267 mi. | 20.368 mi. | 20.474 mi. | 20.612 mi. | 20.663 mi. | 20.688 mi. | 20.728 mi. | 20.786 mi. | 20.909 mi. | 21.049 mi. | 21.148 mi. | 21.164 mi. | 21.235 mi. | 21.335 mi. | 21.378 mi. | 21.501 mi. | 21.560 mi. | 21.699 mi. | 21.782 mi. | 21.911 mi. | 21.995 mi. | 22.043 mi. | 22.128 mi. | 22.222 mi. | 22.279 mi. | 22.511 mi. | 22.559 mi. | 22.877 mi. | 22.949 mi. | 23.206 mi. | 23.258 mi. | 23.325 mi. | 23.403 mi. | 23.454 mi. | 23.600 mi.

McGrew Loop | Ford Island Blvd. | Arizona Memorial Pl. | Arizona St. (Halawa Gate) | Structure #3 | Structure #5 | Structure #6 | Structure #7 | 23.753 mi. | 23.842 mi. | END 99

23.842 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

END RTE. 99 ON THE MAKAI FRONTAGE ROAD AT THE MERGE POINT (PAINT) OF RAMP 'NS' FROM NIMITZ HWY. AT PEARL HARBOR INTERCHANGE.



SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

- Shoulder: Width and Type
  - (39' AC) (39' AC) 0'-2' AC 5' AC Bike Route 6' AC Bike Route 9' AC Bk. Rt. 5' AC Bk. Rt. 6'-8' AC (PCC on Structures)
- Pavement: Width and Type
  - 36' AC 36' AC 36' AC 24' AC 50' AC 38' AC 28' AC (28' AC) (22' AC) 24' AC 36' AC 48' AC 24' AC
- Shoulder: Width and Type
  - 0'-2' AC 6'-4' AC (PCC on Structures)
- Median: Width and Type — ═ =Conc. Barrier ⊢⊣ =M/M Guard Rail N =Chain Link Fence
  - 3'-4" Raised Concrete 4'-20' Raised Grass 5'-20' Grs. 6'-15' Raised Grass 2'-15' Raised AC 15' Raised Grv. 5'-22' Raised AC 3'-6" Raised Conc. Conc. Barrier 2'-20' Raised Shrubs & Grass 32'-3' Raised Shrubs & Grass 3'-5' AC Raised 5'-14' Raised Grass 5' AC Raised 5'-17' Raised AC 2' 28' 2' 100' Interchange 2' 100' Grass 8' Walls 4' AC 8' Gutters Conc.
  - 8'-10' Raised Grass
  - (6-42' Grass)
- Shoulder: Width and Type — ═ =Median Curb
  - (39' AC) (39' AC) 1'-4' AC (PCC on Structures)
- Pavement: Width and Type
  - 36' AC 36' AC 36' AC 38' AC (50' AC) 38' AC 36' AC 24' AC
- Shoulder: Width and Type
  - (6-13') (6-13') 0'-1' AC 7' AC 8'-10' AC 0'-1' AC 8' AC (PCC on Structure)

- Number of Traffic Lanes: 6-12' | 6-12' | 6-12' | 3-12' 2-12' | 4-12' | (2-12') (3-12.6') | 4-12.6' 3-12.6' (8-12.6') | 6-12.6' | 2-14 3-12.6' | 3-12' | 2-12' | 6-12' 3-12' 2-12' | 4-12' | 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): 4'-6" Conc. | 4' AC | 5' Conc. | 10' Conc. S.W. | 5' Conc. S. W. | (10' Conc. S. W.)
- Curb and/or Gutter: Type (Right and Left): (6' Conc.) | 8' Conc. | (4' Conc.) | (6' Conc.) | Conc. Curb | 4' Gutter | Conc. Curb | (4' Gutter) | 6' Gutter | (All AC Gutters)
- Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. MCB=Metal on top of Concrete Barrier CB=Concrete Barrier
- Illumination: Type, Location and Number: LED | MCB | CB
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): AB | A | B | C | ABC | A | BAB | A
- Superelevation (Range)
- Grade Class: +/_ % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): B | A | C | B | A | B | A | BA
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: URBANIZED-LARGE (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Flat (1) | Rolling (2)
- Speed: 1-Design, 2-Posted: 35 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing: 3 Ph | 3 Phase | 2 Phase | 2 Ph. | 4 Phase
- Traffic Stations (Current Year): B72 0099 01990 | P72 0000 00006 | B72 0099 02103 | B72 0099 02154 | B72 0099 02319 | B72 0099 02347 | B72 0099 02358 | (B72 0099 02358)
- HPMS Sections - AADT 2023: 30,677 | 44,400 | 30,938 | 28,942 | 19,062 | 4,980 | 14,671 | (14,671)
- HPMS Sections - AADT 2022: 29,983 | 44,200 | 31,000 | 29,000 | 19,100 | 4,860 | 14,700 | (14,700)
- HPMS Sections - AADT 2021: 30,800 | 40,600 | 36,100 | 24,700 | 22,090 | 5,000 | 14,602 | (14,602)
- DOD Sections
- Census Tracts
- Functional Classification: Principal Arterial (3)
- National Highway System (NHS): On NHS (1)
- Previous Projects: Project No., Date and Limits
  - 99D/G-01-08, TRAFFIC OP. IMPRV., 2011
  - (HWY-O-01-88M, (R) 1988)
  - (BR-099-1(19), Inbound Bridge Replacement, 2007)
  - 99EF-01-87M, (R) 1987
  - NH-092-1(22), (R) 1995
  - 99E-01-91M, (R) 1992
  - STP-099-1(15), (R) 1996
  - 90C-02-75, (Bikeway- Right Side) 1977
  - 90BC-01-76M, (R) 1976
  - 99EF-01-87M, (R) 1987
  - (I-H1-1(110);15, 1976)
  - 90CD-01-74, (R) 1974
  - (I-H1-1(111);14, 1976)
  - I-H1-1(73);15, 1977
  - F-090-1(14), 1968
  - U-090-1(9), 1965
  - (SN(DC) FAP 9-A(9), 1945)
  - DA-NR 13(2), 1944
  - (90BD-03-70, 1971)
  - (DANR 13 13 (3), 1945)
  - (U-090-1(16), 1969)
  - (U-090-1(15), 1969)
  - U-090-1(16), 1969
  - SN(DC) FAP 9-A(9), 1945

SCALE: (In Miles) 4" = 1 mile

Date Released
May 2002

Revised	
4/04	D.B.
6/06	D.B.
3/07	D.B.
12/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

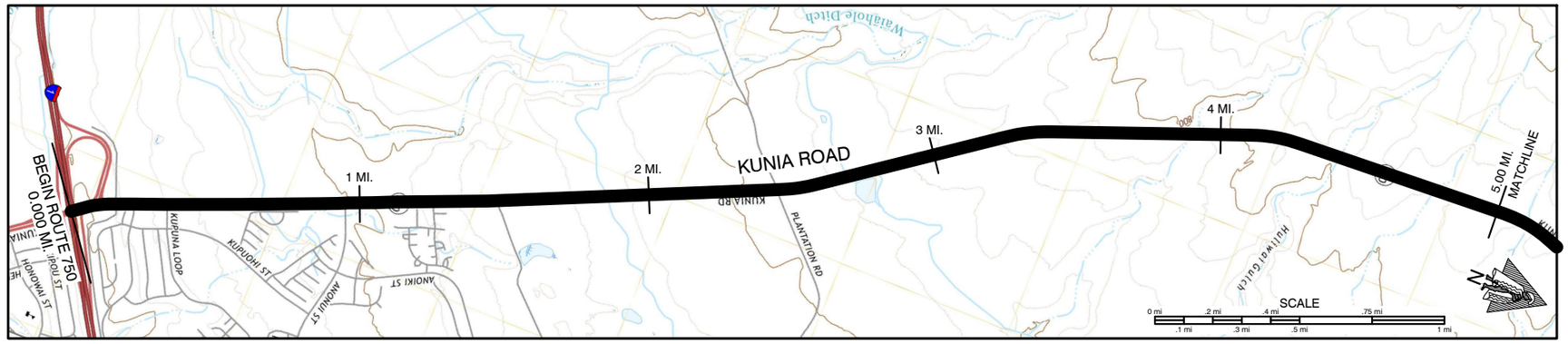
ROAD INVENTORY
OAHU RTE 750
KUNIA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 8.046 miles
a. Survey Length: 8.046 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles

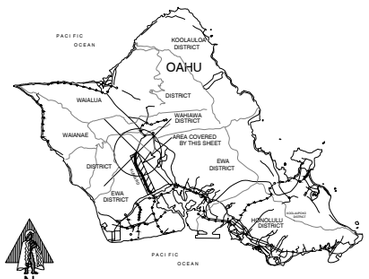


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
0.13 BEGIN 750A ON KUNIA ROAD AT THE NORTH BOUNDRY OF KUNIA INTERCHANGE — 750A (7.92 MI.)

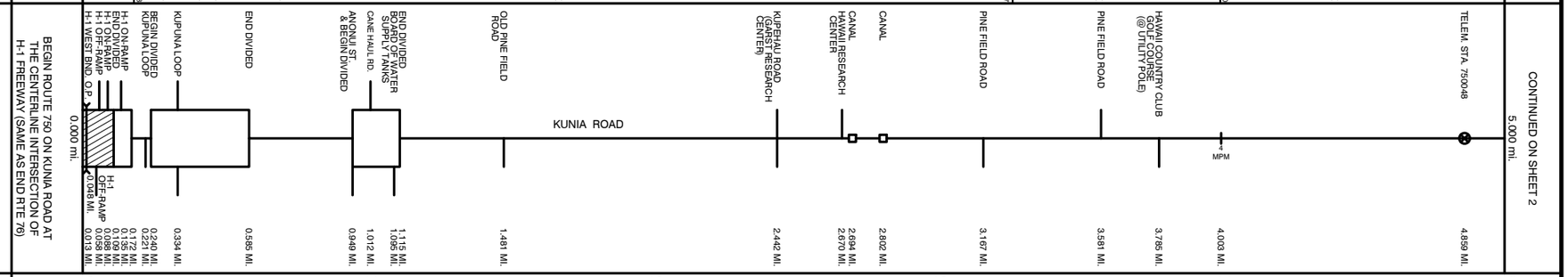
Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PRESTRESSED BEAM, 1967, HS 20
- Vertical Clearance: 0.01
- Horizontal Clearance
Structure Over Road
- Vertical Clearance: 16.2'
- Horizontal Clearance: 32.0'

Right of Way Width (min.-max.) if varies: 120' (0.10–0.21) 80' (–0.93) 60'-130'
Available Right of Way Width (Needs Study): CLEAR 1000' - SUGAR CANE 20' FROM PAVEMENT (–4.28) CLEAR 1000' - PINEAPPLE 20' F.P.
Right of Way Fence: Type - Right and Left: (CHAINLINK 20' FROM PAVEMENT) (0.05–0.10, 1.09–1.15) CHAINLINK 20' FROM PAVEMENT
Control of Access: 1-None, 2-Partial, 3-Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
Project No., Type of Construction, and Year Constructed: (HWY-0-01-04 Imprvts, 2005) — STA 98+83 (0.21–0.93) IM-STP-0750(10), WIDENING, 2001
Project No., Type of Construction, and Year Constructed: (0.16–0.18) (IM-H1-1(219), IMPRV., 2000) — STP-0750(8), RESURF., 1994 (–3.27) SR-0750(6), RESURF., 1984 (–4.00) STP-0750(9), RESURFACING, 1996



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 2' AC | 4' AC | 3' AC (–3.27) | 4' AC
- Pavement: Width and Type: 36' AC | 2-4' AC | 6' AC | 48' AC | 24' AC | 50' AC (–0.86) | 36' AC | 12' AC | 22' AC
- Shoulder: Width and Type: 0 | 1' AC | 0 | 0 | 3' AC (–2.57) | 8' AC (–2.71) | 3' AC (–3.27) | 4' AC
- Median: Width and Type: (0'-15' RAISED CONC.) | 12' PAINTED AC (0'-13' PAINT) | 0'-4' PAINTED AC
- Median Barriers:
- Shoulder: Width and Type: 0 | 0 | 0
- Pavement: Width and Type: 24' AC | 36' AC | (24' AC) | 26' AC | 12' AC
- Shoulder: Width and Type: 5' AC | 1' AC | 0 | 16' AC (–4.03) (8' AC)

Number of Traffic Lanes: (3-12' (0.05)) (2-12' (0.04)) 2-12' | 3-12' | 4-12' | (2-12') | 2-12' | 1-12', 1-14' (–0.84) 1-12' | 2-12' | 2-11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (12-12' TLS) .032 | .079 | 12' T.L. | .068 | .170 | .334 | 10' T.L. | .291 | 10' T.L. | .221 | 10' T.L. | .473 | .860 | .949 | .949 | .093
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): (10' Conc.) (4' Gutter) .058 | (5'-8' Conc) | .159 | 8' Concrete | .084
Curb and/or Gutter: Type (Right and Left): Conc. Curb | .34 | 2' Concrete Curb and Gutter | .084 | (4' GUTTER) .732 | .784 | .694 | .728-.783
Protective Devices: Type, Location and Number (ALL METAL ON METAL UNLESS OTHERWISE INDICATED): .221 | .598 | .507 | .536 | .739 | .785 | .898 | .982 | .286 | .307 | .380 | .451 | .651 | .723 | .891 | .472 | .531 | .716 | .758 | .899 | .978 | .285 | .314 | .372 | .441 | .642 | .705 | .729 | .874
Illumination: Type, Location and Number: LED | 0.21 | LED | 0.94
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A
Grade Class: +/_ % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): DC | .653 | B | .677 | C | .812 | B | .855 | C | .935 | B | .986 | C | .1050 | A | .1092 | B | .1119 | C | .1200 | A
HOV Lanes/Contra-Flow Lanes
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Urbanized-Large (39889) (–2.00) RURAL (99999)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous: ROLLING (2)
Speed: 1-Design, 2-Posted: 35 MPH (2) (.430) 45 MPH (2) 35 MPH (2) (.119) 45 MPH (2) (.966–.967) (35 MPH (2))
Intersection Control Devices: Type, Location and Cycle Timing: 2 PHASE (.501) (.534–.649) 4 PHASE (.649) 3 PHASE
Traffic Stations (Current Year): B72 0750 00022 | B72 0750 00033 | P72 0007 50048
HPMS Sections - AADT 2023: 23,000 (0.33) 21,800 (–2.00) 12,400
HPMS Sections - AADT 2022: 27,900 | 19,926 | 12,100
HPMS Sections - AADT 2021: 26,100 | 20,600 | 13,000
DOD Sections
Census Tracts
Functional Classification: PRINCIPAL ARTERIAL (3) (–2.00) MINOR ARTERIAL (4)
National Highway System (NHS): ON NHS (1) | NOT ON NHS (0)
Previous Projects: Project No., Date and Limits: STP-0750(8) RESURFACE, 1994 (–4.00) STP-0750(9), RESURFACING, 1996 | 750A-01-82M, RESURFACE, 1982 (–3.27) SR-0750(6), RESURFACE, 1984 | A-75-01-64, 1964 (R) NRH-16A, 1933 | 107+00 97+64.61 (0.18 (I-H1-1(18), U-2,1965)) 448+53.41

SCALE: (In Miles) 4" = 1 mile

Date Released	
Mar. 2005, D.B.	
Revised	
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

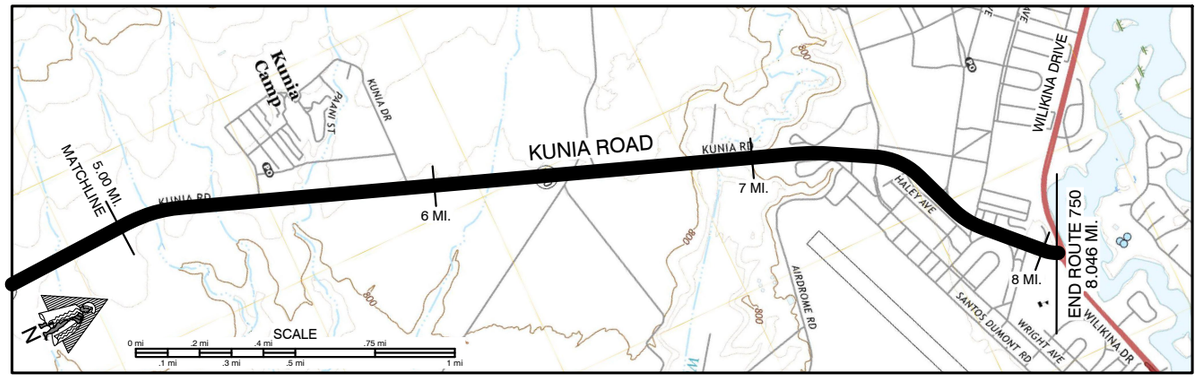
OAHU RTE 750
KUNIA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 8.046 miles
a. Survey Length: 8.046 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

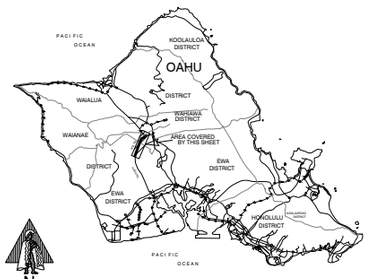
Right of Way Fence: Type - Right and Left

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

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

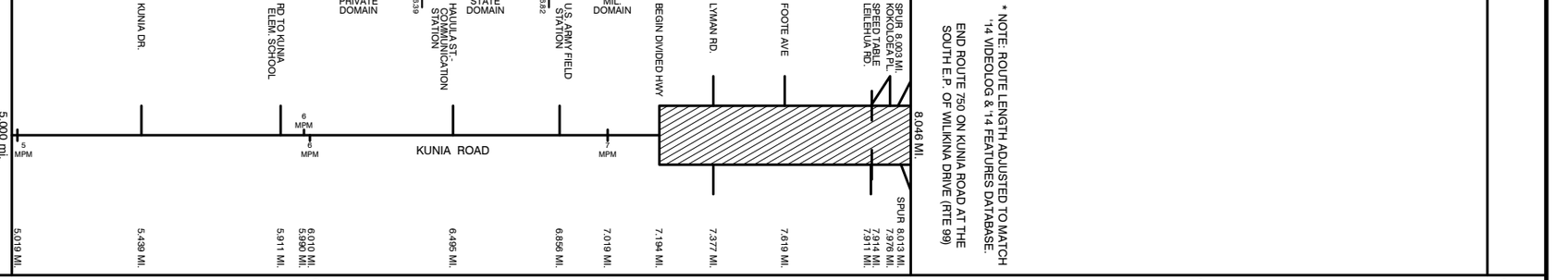
Project No., Type of Construction, and Year Constructed: (STP-0750(9), RESURFACING, 1996) | (RS-0750(7), (R), 1986)

Project No., Type of Construction, and Year Constructed: STP-0750(9), RESURFACING, 1996 | (STP-0750(11) , 2000) | 6.82 | 6.92 | 7.04 | 7.21 | 7.19 | STP-7500(1), 1997, (R)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 4' AC | 5.63 | 3' AC | 6.57 | 8' AC | 6.80 | 6.92 | 3' AC | 7.04 | 8' AC | 7.21 | 1'-6' AC | 0 | 8.02
- Pavement: Width and Type: 22' AC | (9' AC) | 24' AC | (12' AC) | 4'-24' AC | (12' AC)
- Shoulder: Width and Type: 4' AC | (8' AC) | 5.95 | 3' AC | 6.55 | 9' AC | 6.80 | 6.96 | 3' AC | 1'-6' AC | 0

Median: Width and Type: 4'-20' RAISED GRASS | 7.04

Median Barriers:

Shoulder: Width and Type: 0

Pavement: Width and Type: (12' AC) | 7.21 | 24' AC | 8.02 | (12' AC)

Shoulder: Width and Type: (1'-6' AC) | 7.21 | 0 | 7.99 | 20 AC | 8.02 | 7.74 | 0

Number of Traffic Lanes: 2-11' | 7.04 | 2-12' | 4-12' | 8.02 | (2-12')

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .311 .423 .558 .680 .377 .619 .884 .911 .957

(Right Side): .275 .566 .648 .911 .292 .438 .846 .911 .953

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

Sidewalk: Width and Type (Right and Left): (4' GUTTER) | (4' GUTTER) (10' GUTTER) .010 .098 .311 .4 .377 .578 .4 .679 .911 .4 .622 .4

Curb and/or Gutter: Type (Right and Left): .081 .104 .111 .956 .178 2 .311 1 .403 2 .578 2 .679 2 .976 1=CONC. CURB .080 .945 .925 .176 2 1 .446 2 .619 1 .683 2 2=MOUNTABLE CONC. CURB

Protective Devices: Type, Location and Number (ALL METAL ON METAL UNLESS OTHERWISE INDICATED): .003 .120 .277 .329 .552 .642 .816 .911 .929 .089 .222 .455 .479 .858 .981 .130 .259 .349 .557 .603 .809 .893 .958 .073 .205 .360 .536 .801 .875 .942

Illumination: Type, Location and Number: LED | 7.20

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A | B .399 | A .545 | B .688 | A .696 | C

Grade Class: +/_ % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): A .041 | B .796 | A .374 | B .605 | C .268 | D .770 | B .949 | C .273 | B

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (99999) | .019 | Urbanized-Large (39889)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: ROLLING (2) | 5.75 | FLAT (1) | 6.75 | ROLLING (2) | 7.16 | FLAT (1)

Speed: 1-Design, 2-Posted: 35 MPH (2) | .858 NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing: TRAFFIC LIGHT 3 PHASE .806 | .272 | .619 TRAFFIC LIGHT

Traffic Stations (Current Year): P72 0007 50048 | B72 0750 00762

HPMS Section - AADT 2023: 12,400 | 7.04 | 20,359

HPMS Section - AADT 2022: 12,100 | 20,400 | .046

HPMS Section - AADT 2021: 12,100 | 20,400

DOD Sections

Census Tracts

Functional Classification: MINOR ARTERIAL (4)

National Highway System (NHS): NOT ON NHS (0) | 7.04 | ON NHS (1)

Previous Projects: Project No., Date and Limits

STP-0750(9), RESURFACING, 1996 | 7.19
RS-0750(7), RESURF., 1986 | 5.50 | 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 | .046

SCALE: (In Miles) 4" = 1 mile

Date Released	
Mar. 2005	D.B.
Revised	
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

OAHU RTE 901

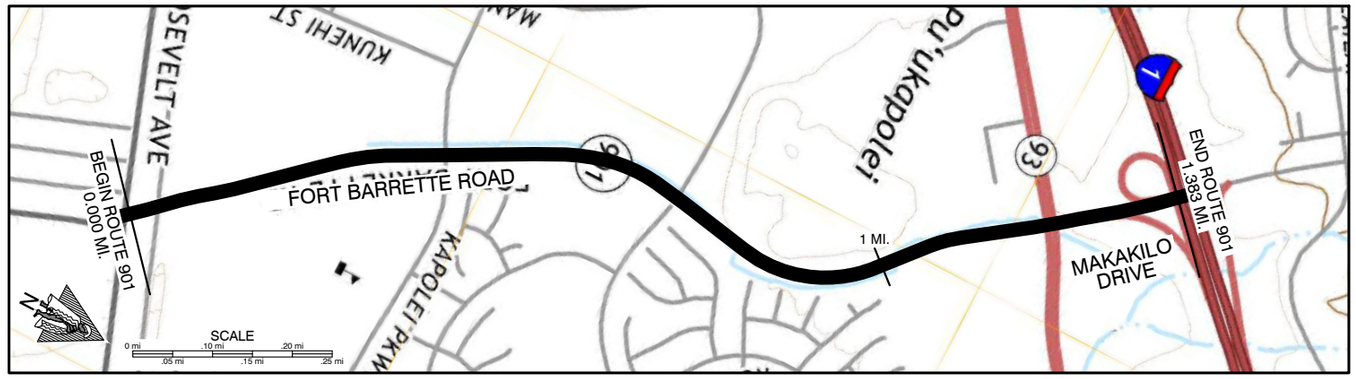
FORT BARRETTE RD., AND MAKAKILO DR.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 1.383 miles
a. Survey Length: 1.383 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



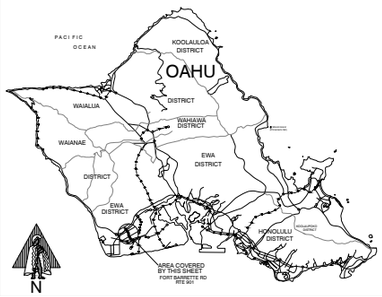
SCALE: (In Miles) 10" = 1 mile

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

Maintenance Control Sections : Length and Description

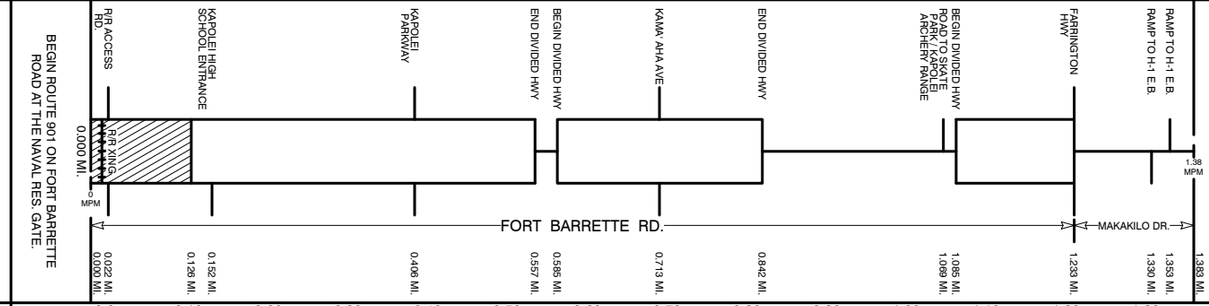
BEGIN 901A ON BARBERS POINT ROAD AT THE NAVAL RES. GATE | 901A (1.38 MI.) | END 901A SAME AS END ROUTE

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed
	Vertical Clearance
	Horizontal Clearance
Structure Over Road	Vertical Clearance
	Horizontal Clearance
Right of Way Width (min.-max.) if varies	120' | 100'
Available Right of Way Width (Needs Study)	CLEAR 1000' SUGAR CANE 20' FROM PAVEMENT (1.24) | RESIDENTIAL
Right of Way Fence: Type - Right and Left	0.80 – 0.91 (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	901A-01-19, Road Improvements, 2023 (H1A-01-02M, 2004, REHAB.) (1.20)
Project No., Type of Construction, and Year Constructed	(0.10) (SR-901(1), (R), 1981) STP-0901(3), (R), 1993



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



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
	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	ALL METAL ON METAL UNLESS OTHERWISE INDICATED
Illumination: Type, Location and Number	
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	
HOV Lanes/Contra-Flow Lanes	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	URBANIZED-LARGE (39889)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	FLAT (1) | ROLLING (2)
Speed: 1-Design, 2-Posted	25 MPH (2) NOT POSTED | 30 MPH (2) | 40 MPH (2) | NOT POSTED
Intersection Control Devices: Type, Location and Cycle Timing	2 PHASE TRAFFIC LIGHT
Traffic Stations (Current Year)	P72 0901 00007 | B72 0901 00122
HPMS Sections - AADT 2023	12,000 | 35,400
HPMS Sections - AADT 2022	12,400 | 42,300
HPMS Sections - AADT 2021	14,900 | 35,100
DOD Sections	DOD 360
Census Tracts	CT 86.02
Functional Classification	PRINCIPAL ARTERIAL (3)
National Highway System (NHS)	ON NHS (1)
Previous Projects: Project No., Date and Limits	SR-901(1), RESURF., 1981; DAD 1(2), 1959; 901A-01-72, 1972; I-H1-1(139):1,1981; (I-H1-1(17), UNIT 1, 1965)

Date Released	
Mar. 2005, D.B.	
Revised	
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

OAHU RTE 930

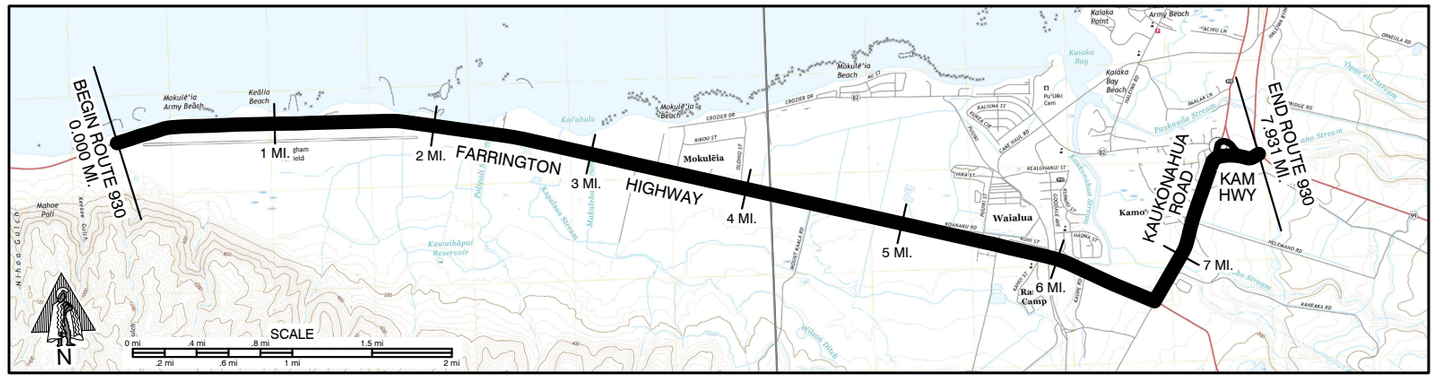
FARRINGTON HWY. - KAUKONAHUA RD. KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 7.931 miles
a. Survey Length: 7.931 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

BEGIN 930 B SAME AS ROUTE. | 930 B (5.69 MI.) | END 930 B & BEG. 930 C ON FARR. HWY. AT CENTERLINE OF KUHI ST. | 930 C (0.99 MI.) | END 930 C & BEG. 930 D ON FARR. HWY. AT WEST E. P. OF KAUKONAHUA RD. | END 930 D SAME AS END ROUTE

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- SLAB, H15, 1941, 22', 121
- SLAB, H15, 1940, 52', 182
- SLAB, H15, 1940, 96', 281
- SLAB, H15, 1940, 50', 303
- SMS, 1940, 62', 595
- TBM, H15, 1940, 148', 615
- SLAB, H15, 1941, 23', 661
- OTHER, H15, 1934, 164', 690

Vertical Clearance
Horizontal Clearance
- 32', 24', 24', 24', 26', 36', 24'

Structure Over Road

Vertical Clearance
- 16'-04"

Horizontal Clearance
- 24'

Right of Way Width (min.-max.) if varies
- 60'-75', 092
- 80', 298
- 70', 597
- 70'-110', 642
- 60'-70', 701
- 60'-65', 725
- 60', 750
- 70'

Available Right of Way Width (Needs Study)
- TREES AND BUSHES
- RESIDENTIAL
- 1000' CLR-SUGAR CANE 20'-30' F.P., 326
- RESIDENTIAL, 619
- CLR 1000' SUGAR CANE

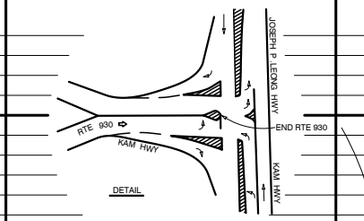
Right of Way Fence: Type - Right and Left
- (WOOD 15' F.P.) — 1.98, 2.11, 2.53, 2.83 — (WOOD 30' F.P.)
- 2.17 WOOD 30' F.P. 3.26

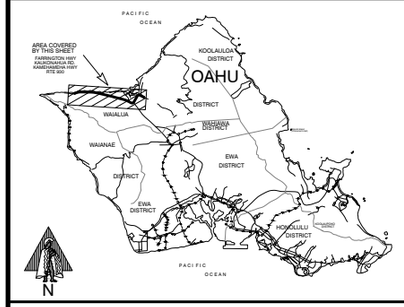
Control of Access: 1-None, 2-Partial, 3-Full
- NONE

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

Project No., Type of Construction, and Year Constructed
- 930B-01-90M, 1991, 318
- RS-0930(5), RESURF., 1988, 648
- 930D-01-88M, (R), 1988

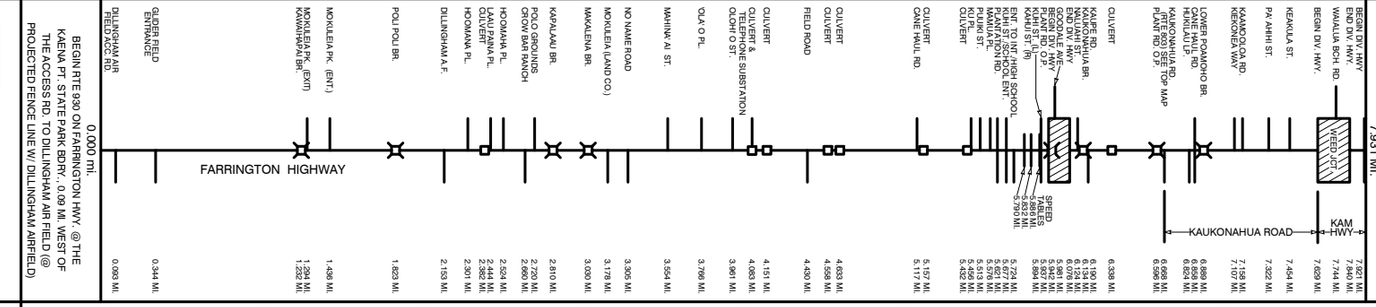
Project No., Type of Construction, and Year Constructed



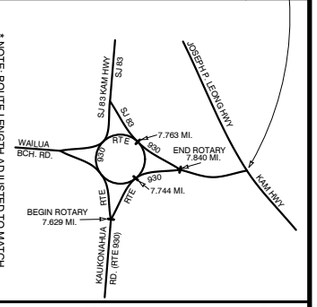


Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE:
END RTE 930 @ SOUTHWEST EDGE OF PAVEMENT OF KAMEHAMEHA HWY. (SEE DETAIL)
7.931 MI.



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type
- 4' AC, 4' AC, 4' AC, 4' AC, 4' AC, 10'

Pavement: Width and Type
- 22' AC, (26' AC), 22' AC, 22' AC, (2' AC), (8'), 24' AC, 20' AC, (11' AC)

Shoulder: Width and Type
- 4' AC, (23' AC), 0, (26' AC) 4' AC, 0, 2' AC, 4' AC, 0, (0)

Median: Width and Type
- (8'-12' RAISED GRASS), (0'-400' GRASS), (0'-240' GRASS), (4' PAINTED AC), (5'-38' PAINTED)

Median Barriers:

Shoulder: Width and Type
- 0, 0, (0)

Pavement: Width and Type
- 20' AC, (11' AC)

Shoulder: Width and Type
- (2-11.5'), 0, (2-11'), 8'-12', (8' AC)

Number of Traffic Lanes
- 2-11', (2-13'), 2-11', 2-22', (2-13'), 2-11', 2-12', 2-20', (2-12'), (2-11')

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)
- .656 2'-9" CONCRETE .162
- (6.5' CONC. S.W.) — .743 .4' CONC. .161
- .274 4' GUTTER .667 CONC. CURB .124
- (6.4' GUTTER) — .654 CONC. CURB
- CB

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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier
- .234 .255 / .221 .251
- .812 .845 / .809 .843
- .375 .398 / .369 .390
- .800 .838 / .797 .835
- .018 .050 / .018 .049
- .559 .616 / .520 .582
- .717 .914 .936
- .319 .645 / .306
- .866 .949 / .631 .870 .930
- .584 .744 / .880

Illumination: Type, Location and Number
- LED, 2.14
- LED, 5.24
- LED, 6.13
- LED, 6.88
- LED, 7.10
- LED, 7.35

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- A
- FA, .607
- B, .670
- A, .701
- C, .725
- A, .830
- DA

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- A, .001
- B, .276
- A, .525
- B, .923
- C, .001
- A, .407
- C, .521
- B, .606
- C, .626
- B, .727
- C, .783
- A, .830
- B, .941
- C, .963
- B

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- SMALL URBAN (99998)

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

Speed: 1-Design, 2-Posted
- 45 MPH (2)
- .875 35 MPH (2) 45 MPH (2) .734
- 35 MPH (2), .923
- 45 MPH (2), .980 35 MPH(2) .222
- 25 MPH (2), .915 .247
- 35 MPH (2), .551 Not Posted .542 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
- B72 0930 00143
- B72 0930 00266
- B72 0930 00620
- B72 0930 00733

HPMS Sections - AADT 2023
- 1,600, 2.15
- 2,700, 5.52
- 9,800, 6.68
- 9,600, 7.931

HPMS Sections - AADT 2022
- 1,500
- 2,700
- 9,600
- 9,800

HPMS Sections - AADT 2021
- 1,800
- 2,700
- 13,200
- 9,200

DOD Sections
- DOD 326
- DOD 330

Census Tracts
- CT 99.01, 6.15
- 99.02, 6.68, 100

Functional Classification
- MINOR ARTERIAL (4)

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

Previous Projects: Project No., Date and Limits
- 930B-01-69, 1970 / WDR 4(1) 1950, 1.23 1.20
- (WDR 4(1), 1950), 1.51 1.83 1.94
- FAP 35 A(1) 1939, 2.23 2.66 3.17
- 930B-01-73, (R), 1974, 3.26
- WDR 4(1) 1950
- (RS-0930, 1979, WIDEN, RESURF, SHLDR. IMPRV.), 6.68
- A-99-01-65, (R), 1965, 5.12 6.07
- (FAGH 35-B(1), 1939), 5.69
- (FAP 35-C(1), 1939), 6.15
- 6.18 6.72 WDRC 8(1), 1934
- FAGH 35-B(1), 1939
- NRH-7E, 1933
- FAP 7-J(1), 1939, 7.22
- 6.68 7.12
- (F-7(22) , 1951), 7.52
- (FAP 21-C , 1939), 7.67
- 7.63
- (DF-082-1 (1), 1959)
- (FAP 21-8 , 1937), 7.83, 7.98

SCALE: (In Miles) 2" = 1 mile

Date Released
Mar. 2005, D.B.

Revised	
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

OAHU RTE 6001 (County)

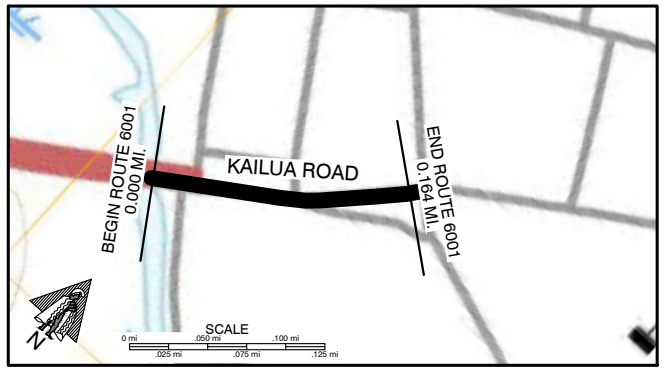
KAILUA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.164 miles
a. Survey Length: 0.164 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 20" = 1 mile

0.0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

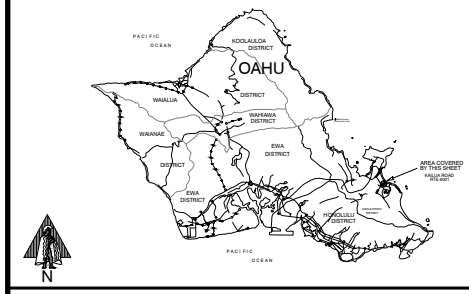
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

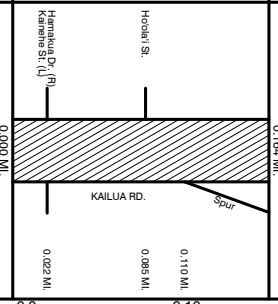
Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

BEGIN NHS SECTION ON KAILUA ROAD AT N.E. END OF KAWAINUI STREAM BRIDGE



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

END ROUTE 6001 AND END NHS SECTION ON KAILUA ROAD AT S.W. CORNER OF INTERSECTION OF ONEAWA STREET AND KAILUA ROAD

SCALE: (In Miles) 20" = 1 mile

0.0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

Divided Highway, Undivided
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 22' AC
- Shoulder: Width and Type: 0'
- Median: Width and Type: 10' RAISED GRASS | .085 | 5'-16' RAISED GRASS
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 22' AC | .022 | 33' AC | .085 | 22' AC
- Shoulder: Width and Type: 0'

Number of Traffic Lanes: 4-11' | .022 | 5-11' | 4-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .085

(Right Side): .048 | .101 | .022

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) CC=Concrete Curb: Concrete Curb and Gutter

CC: .022 | Concrete Curb and Gutter | .110 | Concrete Curb

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (43669)

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

Speed: 1-Design, 2-Posted: 25 (2)

Intersection Control Devices: Type, Location and Cycle Timing: .022

Traffic Stations (Current Year): B72 6001 00002

HPMS Sections - AADT 2023: 14,000

HPMS Sections - AADT 2022: 21,000

HPMS Sections - AADT 2021: 18,400

DOD Sections

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A | .089 | C | .120 | A

Functional Classification: PRINCIPAL ARTERIAL (3)

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

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. 2013, EPJ

Revised	
Aug. 14	D. B.
Jan. 16	C. R.
Jan. 17	C. R.
Feb. 18	D.B.
Feb. 21	E.P.J.

ROAD INVENTORY

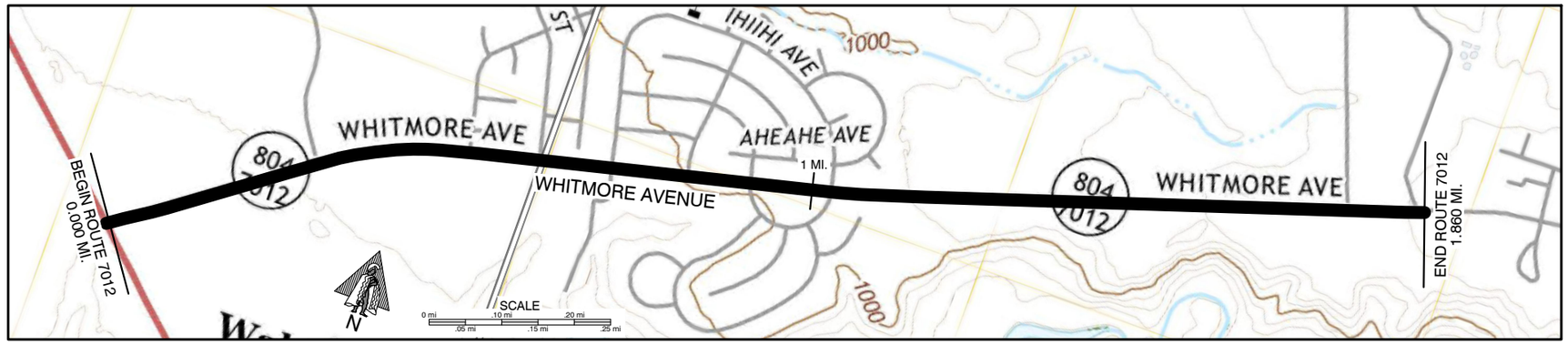
OAHU RTE 7012
WHITMORE AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

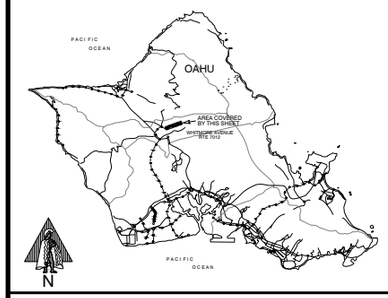
Total Route Length: 1.860 miles
a. Survey Length: 1.860 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



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

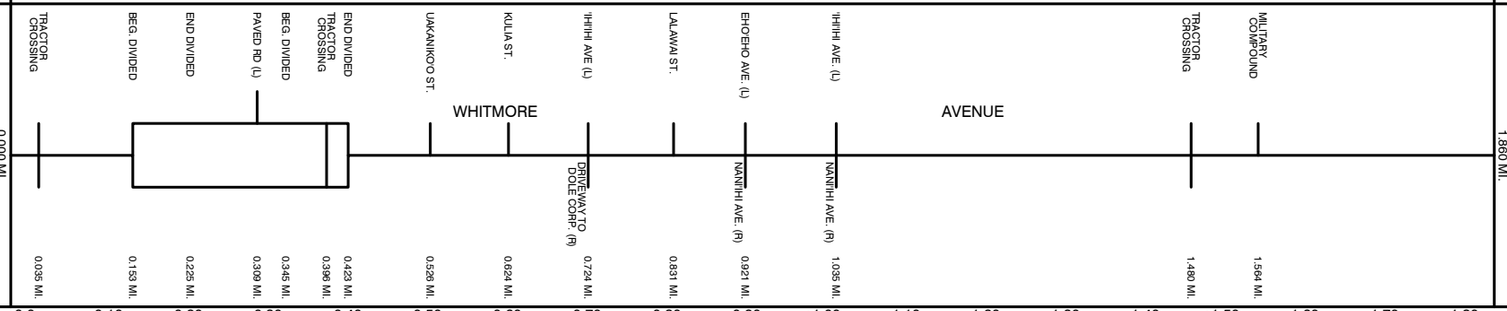
Maintenance Control Sections : Length and Description	0.01: BEG. 7012-A 38' N.E. OF EDGE OF PAVEMENT; 7012-A (1.86 MI.); END 7012-A SAME AS END ROUTE
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	NONE
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.-max.) if varies	60'
Available Right of Way Width (Needs Study)	1000' CLEAR PINEAPPLE FIELD 15' FROM EDGE OF PAVEMENT (0.00) | 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) (0.67–0.83) (0.92–1.03) (CHAINLINK 15' FROM EDGE OF PAVEMENT)
Control of Access: 1-None, 2-Partial, 3-Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	0+30 STATE 101+09 (1.860)
Project No., Type of Construction, and Year Constructed	0.00: HWY-O-05-07M, RESURF W/ SLURRY SEAL, 2007
Project No., Type of Construction, and Year Constructed	7012A-01-98M RESURFACE, 1999



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

BEGIN RTE 7012 ON WHITMORE AVE. AT THE NORTHEAST EDGE OF PAVEMENT OF KAM HWY (RTE 80). 0.000 MI.



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END RTE 7012 ON WHITMORE AVE. AT NEW WEST BOUNDARY OF THE NAVAL COMMUNICATION STATION 1.860 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
Divided Highway Undivided: Pavement: Width and Type	(22' AC) (0.02) | 44' AC | 22' AC | (11' AC) (0.80) | 22' AC
Divided Highway Undivided: Shoulder: Width and Type	4' AC | 0' | 4' AC
Divided Highway Undivided: Median: Width and Type	0-12' PAINTED AC (1.53–4.23)
Divided Highway Undivided: Median Barriers:	
Divided Highway Undivided: Shoulder: Width and Type	0'
Divided Highway Undivided: Pavement: Width and Type	22' AC (0.18) | 11' AC
Divided Highway Undivided: Shoulder: Width and Type	4' AC
Number of Traffic Lanes	(2-11') (0.02) | 2-11' | (0.40) 2-11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	(0.062)
(Right Side)	.054 | .189 | .192 | .309 | .375
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	6' Concrete (.526) | (.724) 4' Bike Path/AC Sidewalk (1.63)
Curb and/or Gutter: Type (Right and Left)	Concrete Curb and Gutter (.526)
Protective Devices: Type, Location and Number	NONE
Illumination: Type, Location and Number	LED (1.06)
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	A (.011) B (.998) AB
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	B (.039) C (.663) B (.779) C
HOV Lanes/Contra-Flow Lanes	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	URBANIZED-LARGE (39889)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	FLAT (1)
Speed: 1-Design, 2-Posted	25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	TRAFFIC LIGHT (0.00) | (.724) STOP SIGN | (1.039) STOP SIGN
Traffic Stations (Current Year)	B72 7012 00031 | B72 7012 00072 | B72 7012 00103
HPMS Sections - AADT 2023	9,400 | 4,890 | 1,300
HPMS Sections - AADT 2022	8,800 | 4,900 | 1,652
HPMS Sections - AADT 2021	8,500 | 4,800 | 1,700
DOD Sections	DOD 100
Census Tracts	
Functional Classification	MINOR COLLECTOR (6)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	
	0.01: 804 A-01-87M RESURFACE, 1986
	0.72: RS-0804(2), 1985 | 1.13
	A-804-01-65 RESURFACE 1965
	DANR 4(1) 1934

SCALE: (In Miles) 10" = 1 mile

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

Date Released	
Apr. 2005	D.B.
Revised	
5/06	G.N.
2/08	D.B.
8/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

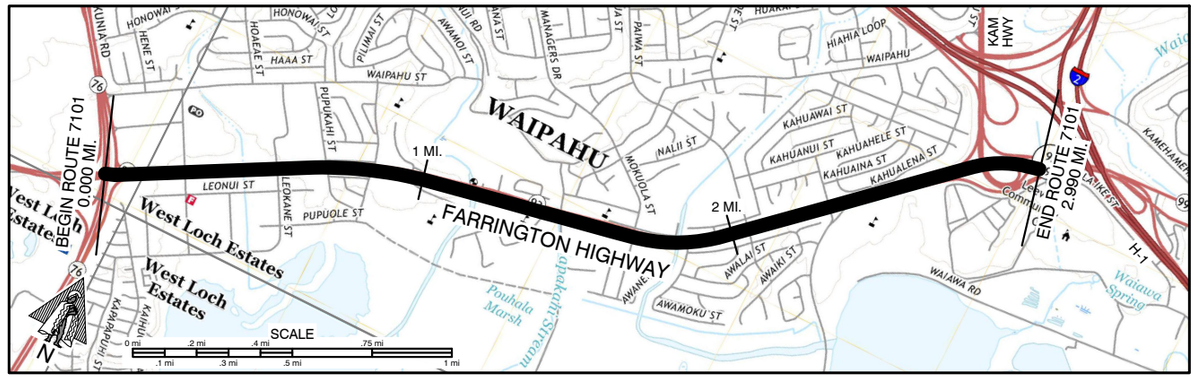
OAHU RTE 7101
FARRINGTON HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 2.990 miles
a. Survey Length: 2.990 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

BEGIN 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 | 2.26

Horizontal Clearance: 98' | OUTBOUND : 36' INBOUND : 24' | 24' | 99' | 94' | 82'

Structure Over Road

Vertical Clearance: 15' 10" | 16' 03"

Horizontal Clearance

Right of Way Width (min.-max.) if varies: ESTIMATED 100'

Available Right of Way Width (Needs Study): COMMERCIAL | RESIDENTIAL

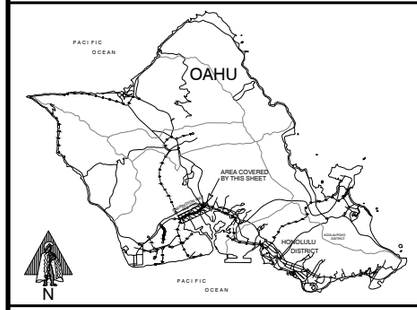
Right of Way Fence: Type - Right and Left: TILE | CL | SW

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 43+80.28 STATE 36+05

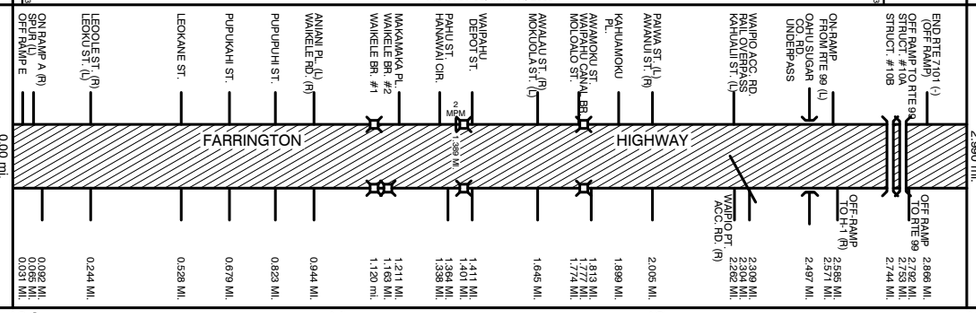
Project No., Type of Construction, and Year Constructed: 7101A-01-04M, REHAB., 2006

Project No., Type of Construction, and Year Constructed: 7101A-01-98, IMPRV., 2003



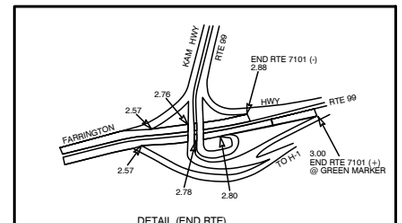
Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



END RTE 7101 ON FARRINGTON HWY INBOUND AT THE KAMEHAMEHA HWY INBOUND OFF RAMP.

*NOTE: ROUTE LENGTH ADJUSTED TO MATCH '16 VIDEOLOG & '16 FEATURES DATABASE.



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 10' AC | 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: RAIL ON MEDIAN FROM 0.000 MP TO 2.304 MP | 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' | 10' AC | 3' AC | 3' AC | 8'-10' GRASS | 3' AC | 10' DIRT | 10' AC

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1-13', 1-14' | 1-12', 1-14' | 2-12' | 1-12', 1-14' | 2-12' | 2-12'

(Right Side): 1.01 11' TL | 14' TL | (1-12' DECEL)

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

Sidewalk: Width and Type (Right and Left): 2' AC | (3' AC) | 6' CONC. S.W. | (7' AC) | 6' Conc. | 9' AC | 6' Conc. | 6' G

Curb and/or Gutter: Type (Right and Left): (6' G) | C/C | C/C 2' G | C/C 2' G | C/C | AC/C | C/C 2' G | C/C | 8' G | (6' G) | C/C | C/C 2' G | C/C | (C/C)

Protective Devices: Type, Location and Number: (METAL ON METAL GUARDRAILS)

Illumination: Type, Location and Number: LED | LED

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

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

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted: 25 MPH (2) | 30 MPH (2) | 35 MPH (2) | 25 MPH (2) | 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 4 PHASE | 3 PHASE

Traffic Stations (Current Year): B72 7101 00000 | B72 7101 00094 | B72 7101 00226 | B72 7101 00257

HPMS Sections - AADT 2023: 28,343 | 27,744 | 33,433 | 20,858

HPMS Sections - AADT 2022: 28,400 | 27,800 | 33,500 | 20,900

HPMS Sections - AADT 2021: 30,900 | 28,100 | 27,100 | 22,200

DOD Sections: DOD 185

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL - (3)

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

Previous Projects: Project No., Date and Limits:
(7101A-02-99, IMPRV., 2001) | (7101A-01-00, IMPRV., 2002)
7101A-02-97, SIDEWALK, PAVT WIDENING, 1999
(7101A-03-89 , (R) 1991)
7101A-01-89M (R), 1990
HWY-O-01-90M, 1991, R
DE-0200(B01), IMPR., 1998
9000A-01-80M, (R) 1981
90A-01-77M (R) 1978

OUTBOUND PROJECTS: F-090-1(7), 1962 | F-4(7), 1952
INBOUND PROJECTS: F-090-1(8), 1963 | FAP 4C 1938 | F-4(7) 1952

SCALE: (In Miles) 4" = 1 mile

Date Released	
Apr. 2005	D.B.
Revised	
6/06	D.B.
3/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/17	D.B.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

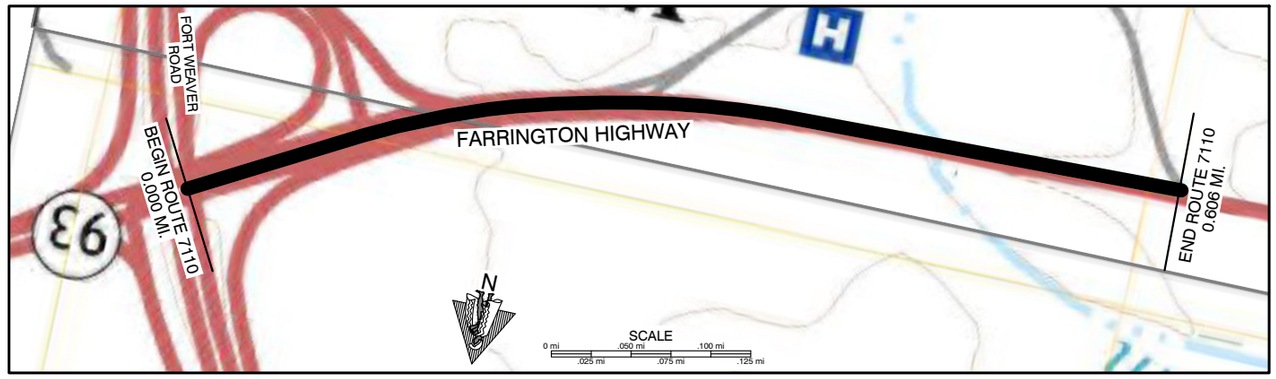
OAHU RTE 7110
FARRINGTON HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.606 miles
a. Survey Length: 0.606 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



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

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)

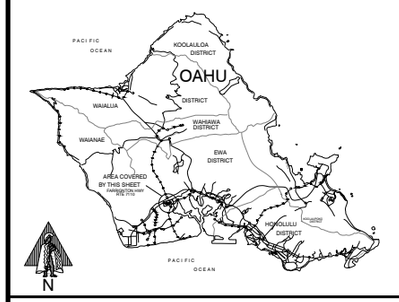
Right of Way Fence: Type - Right and Left

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 at 0.00; 24+20.55 at 0.597)

Project No., Type of Construction, and Year Constructed — 7101A-01-04M, REHAB., 2006

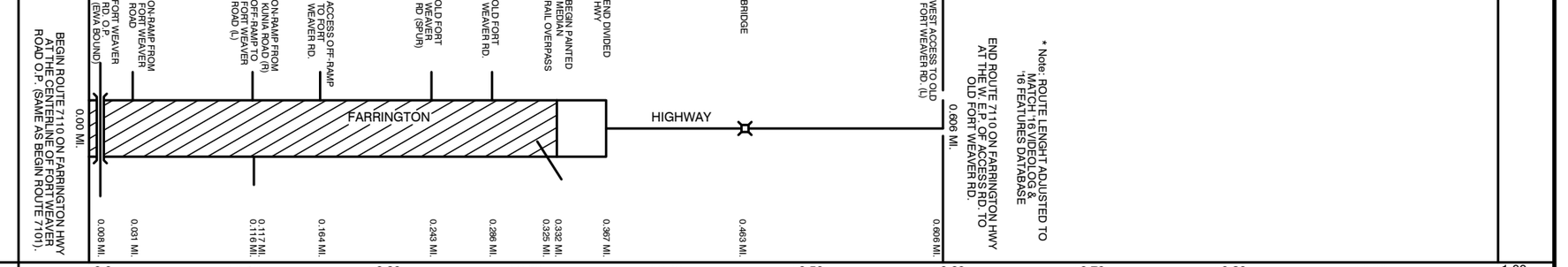
Project No., Type of Construction, and Year Constructed — HWY-0-01-90M, (R), 1991 (0.539)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker



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 — 6'-11' AC | 2'-11' AC | 1'-2' AC
- Pavement: Width and Type — 26' AC | 11' AC | 22' AC
- Shoulder: Width and Type — 1' AC | 0 | 0 | 2' AC
- Median: 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
- Median Barriers: RAIL ON MEDIAN FROM 0.000 MI. TO 0.325 MI.
- Shoulder: Width and Type — 1' AC | 3' AC | 0
- Pavement: Width and Type — 26' AC | 13'-11' AC | 11' AC
- Shoulder: Width and Type — 11'-30' AC | 8'-14' AC | 0
- RAIL ON SHOULDER FROM 0.325 MI. TO 0.606 MI.

Number of Traffic Lanes — 4-13' | 2-13' 1-(13'-11') | 2-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — ACCEL .031; 10' T.L. .075; 12' T.L. .110; 11' T.L. .286; ACCEL .117; .257

(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) — 7" G .031; 7" G .012; .260 C/C .285; C/C 2'G .268; .440 M/M; .444; .448 M/M

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number — 0.03 LED 0.36

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — A | B .330 | B .378 | A

Grade Class: +/_ % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45) — C .000 | B .602 (D)

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous — FLAT (1) | .037 ROLLING (2)

Speed: 1-Design, 2-Posted — 35 MPH (2) / 25 MPH (2) .202 | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing — .112 TRAFFIC LIGHT (L) TURN ONLY

Traffic Stations (Current Year) — B72 7110 00014 | P72 7110 00037

HPMS Sections AADT 2023 — 9,780 | 8,200 | 0.60 | 6,400

HPMS Sections AADT 2022 — 9,800 | .024 | 7,500

HPMS Sections AADT 2021 — 9,200 | 6,700

DOD Sections

Census Tracts

Functional Classification — MINOR ARTERIAL (4)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 20" = 1 mile

0.0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

Date Released
May 2005, D.B.

Revised	
6/06	D.B.
3/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/17	D.B.
2/18	D.B.
2/21	E.P.J.

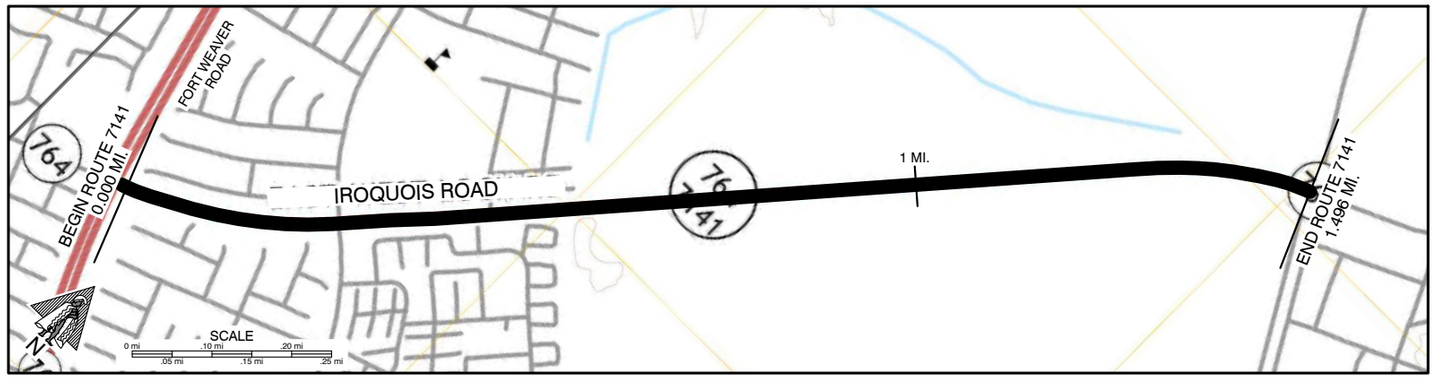
ROAD INVENTORY

OAHU RTE 7141
IROQUOIS ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 1.496 miles
a. Survey Length: 1.496 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



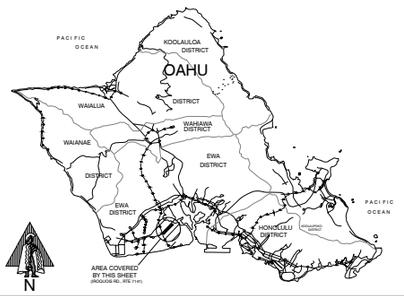
SCALE: (In Miles) 10" = 1 mile

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

Maintenance Control Sections : Length and Description

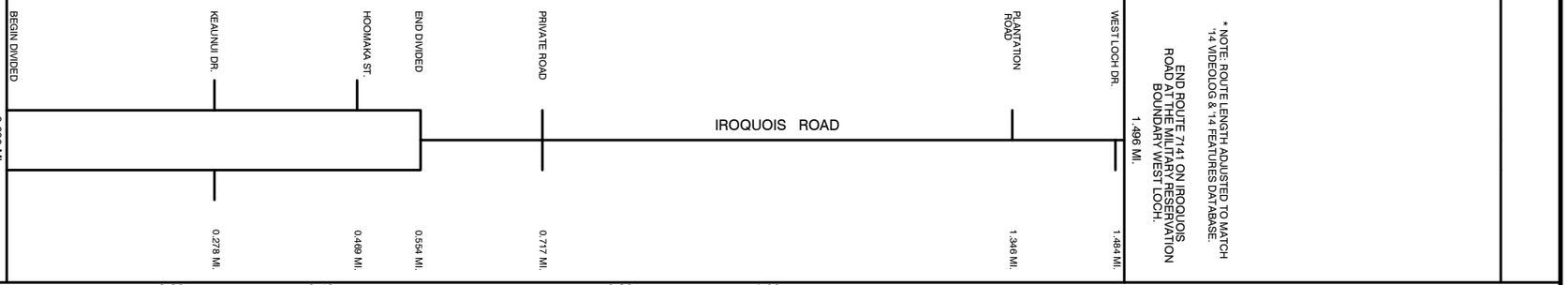
BEGIN 7141 A 20' E. OF EAST E.P. OF FORT WEAVER ROAD | 7141 A (1.51 MI.) | END 7141 A ON IROQUOIS RD. AT MILITARY RES. BDRY. W. LOCH.

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
	Vertical Clearance	
	Horizontal Clearance	
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.-max.) if varies		80'
Available Right of Way Width (Needs Study)		CLR. 1000' SUGAR CANE 20'-30' FROM PAVEMENT
Right of Way Fence: Type - Right and Left		NONE
Control of Access: 1-None, 2-Partial, 3-Full		NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STATE
Project No., Type of Construction, and Year Constructed		
Project No., Type of Construction, and Year Constructed		DANR 3(1), 1943 — 7141 A-01-88M (R) 1988 — (DANR 3(1), 1943)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 10" = 1 mile

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

Divided Highway Undivided	Shoulder: Width and Type	0' — 4' AC
	Pavement: Width and Type	26' AC — 22' AC
	Shoulder: Width and Type	0' — 4' AC
	Median: Width and Type	0'-13' PAINTED AC
	Median Barriers:	
	Shoulder: Width and Type	0'
	Pavement: Width and Type	26' AC
	Shoulder: Width and Type	0'
Number of Traffic Lanes		4-13' — 2-11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		0.08 12' T.Ls. .064 — .278 .394
(Right Side)		.177 .199 .278 — .362 .469
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		8' CONCRETE .469; 10' CONCRETE .278 6' CONCRETE .477
Curb and/or Gutter: Type (Right and Left)		CONCRETE CURB AND GUTTER .480; CONCRETE CURB AND GUTTER .479
Protective Devices: Type, Location and Number		
Illumination: Type, Location and Number		
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)		AB .030 — A — .470 A
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)		A
HOV Lanes/Contra-Flow Lanes		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		URBANIZED-LARGE (39889)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		FLAT (1)
Speed: 1-Design, 2-Posted		30 MPH (2) — .450 35 MPH (2) 30 MPH (2) .747 — 45 MPH (2) — .244 35 MPH (2) .337 NOT POSTED .403 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		TRAFFIC LIGHT .030 .278
Traffic Stations (Current Year)		B72 7141 00000 — B72 7141 00028
HPMS Sections - AADT 2023		10,878 — 6,800
HPMS Sections - AADT 2022		10,900 — 6,707
HPMS Sections - AADT 2021		10,200 — 7,400
DOD Sections		DOD 405
Census Tracts		CT 84
Functional Classification		MAJOR COLLECTOR (5)
National Highway System (NHS)		NOT ON NHS (0)
Previous Projects: Project No., Date and Limits		

SCALE: (In Miles) 10" = 1 mile

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

Date Released	
MAY 05,	D.B.
Revised	
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

OAHU RTE 7239

ULUNE STREET, HALAWA VALLEY ROAD

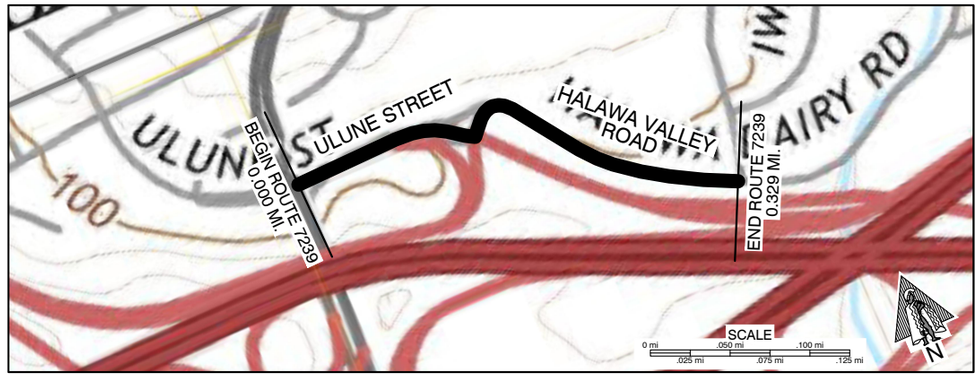
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length: 0.329 MILES (a+b)
- a. Existing Length: 0.329 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 0.329 MILES (a+b, less c)
- a. Existing Length: 0.329 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 20" = 1 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left — Chain Link Fence (L) 0.23

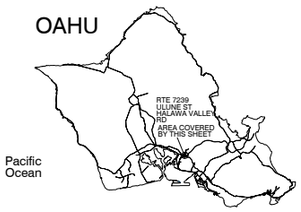
Control of Access: 1-None, 2-Partial, 3-Full — Full

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

Project No., Type of Construction, and Year Constructed — 35+65 (0.00) HWY-O-06-03M, REHAB., 2006 41+80 (0.12)

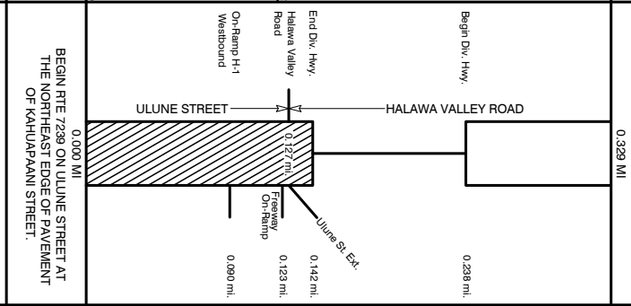
Project No., Type of Construction, and Year Constructed

OAHU



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



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 (.018) 0
- Pavement: Width and Type *(Includes Turning Lanes) — 38' AC * (.07) | 26' AC | 38' AC * | 28' AC *
- Shoulder: Width and Type — 2' AC | (2' Conc. Gutter) 0 | 0
- Median: Width and Type — 4'-13' Raised AC w/ Conc. Curb (.127) | (4'-13' Raised Conc.) (.146) (.236) | 0'- 5' Painted AC
- Shoulder: Width and Type — 2' AC | 0
- Pavement: Width and Type *(Includes Turning Lanes) — 24' AC * (.07) | 16' AC | 12' AC | 14' AC (.26) | 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 .090 | .127 | 12.5' (L) TL .262 | 14' (L) TL

(Right Side) — 11' (R) TL .090 | .261 | 12' (L) TL

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

Sidewalk: Width and Type (Right and Left) — None | 6' Conc. S.W. (.178)

Curb and/or Gutter: Type (Right and Left) — Concrete Curb (.167) | 2' Concrete Gutter

Protective Devices: Type, Location and Number — ALL METAL ON METAL UNLESS OTHERWISE INDICATED — Concrete Curb .090 | .107 | Conc. Retaining Wall .127 | Concrete Curb and Gutter .233 (.080) (.048) (.047)

Illumination: Type, Location and Number — LED

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — D (.018) A (.092) E (.109) F (.175) A (.295) B

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — URBANIZED-LARGE (39889) (Commercial (L), Freeway (R))

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

Speed: 1-Design, 2-Posted — 25 MPH (2) Not Posted | 25 MPH (2) (.218)

Intersection Control Devices: Type, Location and Cycle Timing — (0.00) 3 Phase | (.12) 3 Phase

Traffic Stations (Current Year) — B72 7239 00000 | B72 7239 00012

HPMS Sections - AADT 2023 — 27,000 | 14,100

HPMS Sections - AADT 2022 — 26,900 | 13,219

HPMS Sections - AADT 2021 — 27,200 | 13,600

DOD Sections

Census Tracts

Functional Classification — Major Collector (5)

National Highway System (NHS) — Not On NHS (0)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 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	
4/06	D.B.
6/06	D.B.
3/07	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

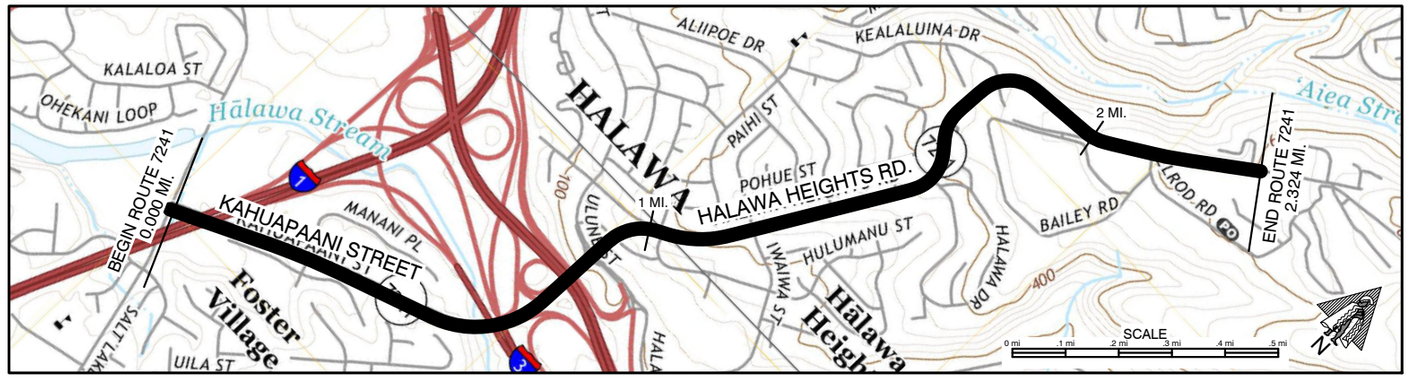
OAHU RTE 7241
KAHUAPAANI ST., HALAWA HEIGHTS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 2.324 miles
a. Survey Length: 2.324 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



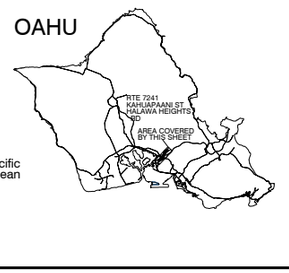
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

BEGIN 7241-A ON HALAWA HTS. RD. @ THE S.E.EDGE OF PAVEMENT OF SALT LAKE BLVD. — 7241-A (2.31 MI.) — END 7241-A ON HALAWA HTS. RD. AT THE MAINT. CONTROL MARKER APPROX. 0.01 MI. PAST #3 GATE TO CAMP SMITH

Structure Carrying Road

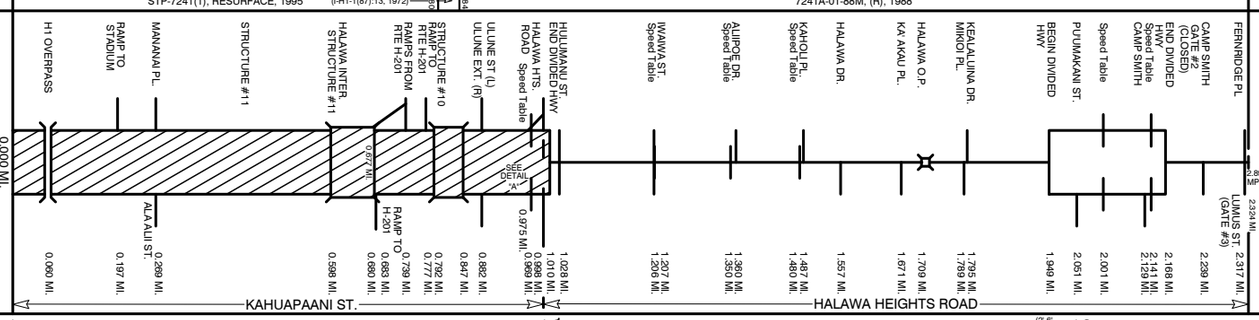
Bridges (Over 20'): Length, Type, Capacity and Year Constructed	PRESTRESSED 1849', 1975, HS-20 (0.06) · CONC. GIRDER, 430', 1975, HS-20 (0.59) · CONC. GIRDER, 244', 1971, HS 20-44 (0.79) · RC DECK GIRDER 38' 1952, HS 20-S16 (1.71)
Vertical Clearance	
Horizontal Clearance	116' · 100' · 26'
Structure Over Jnty Road — Vertical Clearance	
Structure Over Jnty Road — Horizontal Clearance	18' 4"
Right of Way Width (min.-max.) if varies	ESTIMATED 150'+ (0.87) · 60'-100'
Available Right of Way Width (Needs Study)	CLEAR 1000', GRASS & BUSH 20' FROM PAVEMENT (0.89) · RESIDENTIAL AREA
Right of Way Fence: Type - Right and Left	(CHAINLINK 20' FROM E.P.) 0.91 · (STONEWALL 20' F.P.) 0.88 0.93 · 1.98 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)	64+20 · 22+31 (0.79 0.89 0.94) · STATE · 192+88 (3.24)
Project No., Type of Construction, and Year Constructed	STP-7241(002), RESURFACE, 2021 · 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



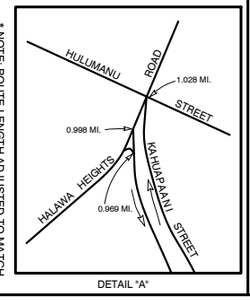
Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END ROUTE 7241 ON HALAWA HEIGHTS ROAD AT THE MAINTENANCE CONTROL MARKER APPROX. 0.01 MI. PAST CAMP SMITH GATE #3.
2.324 MI.



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. · 24' AC · 36' AC · 24' AC · 12' AC · 36' AC · 24' AC · 11' AC · 22' AC · 24' AC
Shoulder: Width and Type	NONE · NONE · 2'-6" AC · 12' GRASS · NONE · 3' AC
Median: Width and Type	13'-22' RAISED CONC. · 7'-23' RAISED GRASS · 5' RAISED CONC. · 5'-20' RAISED GRASS · 4'-20' RAISED CONCRETE · 4'-20' RAISED AC · 0'-5' PAINT
Median Barriers:	
Shoulder: Width and Type	NONE · NONE
Pavement: Width and Type	24' AC · 24' CONC. · 24' AC · (12 AC) · 22' AC · 11' AC
Shoulder: Width and Type	10' AC · 6' CONC. · 10' AC · NONE · 2'-6" GRS. · 0'
Number of Traffic Lanes	2-12' · 2-18' · 2-12' · (1-12') · (1-11') · 2-11' · 2-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	ALL TURN LANES
(Right Side)	ARE 12'
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.) · 2'-4" A.C. S.W.
Curb and/or Gutter: Type (Right and Left)	CC=Concrete Curb · CCG=Concrete Curb and Gutter · CCG · Concrete Curb · Concrete Curb & 2' Concrete Glutter · (4' CONC. GUTTER) · Concrete Curb · Concrete Curb and Gutter
Protective Devices: Type, Location and Number	All Metal Rails on Metal Posts unless otherwise noted. MCB=Metal on top of Concrete Barrier · MCB · MCB · MCB · MCB
Illumination: Type, Location and Number	LED · LED
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	ADAFA · B · A · D · B · A · D · A · D · A · D · A · D · A
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	A · C · B · C · E · D · A · D · C · B
HOV Lanes/Contra-Flow Lanes	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	URBANIZED-LARGE (39889)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	FLAT (1) · MOUNTAINOUS (3)
Speed: 1-Design, 2-Posted	35 MPH (2) · 25 MPH (2) · 30 MPH (2) · 25 MPH (2) · 30 MPH (2) · 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	3 PHASE TRAFFIC SIGNALS · T.L. · T.L.
Traffic Stations (Current Year)	B72 7241 00027 · B72 7241 00068 · B72 7241 00076 · B72 7241 00167 · B72 7241 00212
HPMS Sections - AADT 2023	20,000 · 14,800 · 20,100 · 6,600 · 1,297
HPMS Sections - AADT 2022	21,800 · 13,700 · 23,300 · 6,026 · 1,300
HPMS Sections - AADT 2021	22,000 · 15,000 · 27,238 · 6,900 · 1,300
DOD Sections	DOD 455 · DOD 460
Census Tracts	
Functional Classification	MINOR ARTERIAL (4) · (MAJOR COLLECTOR (5)) · MINOR COLLECTOR (6)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	I-H1-1(96):13, (CONST.), 1982 · I-H1-1(115):13, 1975 · I-H1-1(115):13, 1974 · I-H1-1(87):13, 1972 · I-H1-1(90):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.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.
1/22	D.B.

ROAD INVENTORY

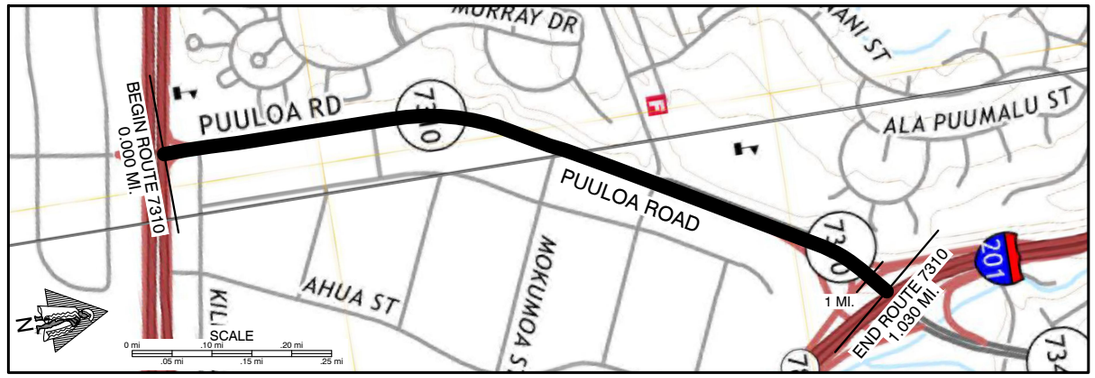
OAHU RTE 7310
PUULOA

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 1.030 miles
a. Survey Length: 1.030 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 1" = 0.1 mile

Maintenance Control Sections : Length and Description

BEG. 7310A SAME AS BEG. ROUTE 7310A | 7310A (1.37 MI.) | END 7310A ON JARRETT WHITE RD. 585' NORTH OF C 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'

Available Right of Way Width (Needs Study): INDUSTRIAL AREA | RESIDENTIAL AREA

Right of Way Fence: Type - Right and Left (CL=CHAIN LINK FP=FROM PAV'T)

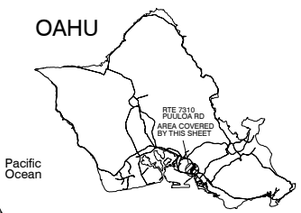
Control of Access: 1-None, 2-Partial, 3-Full: NONE

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

Project No. and Type of Construction: STP-7310-(1), IMPR., 2009

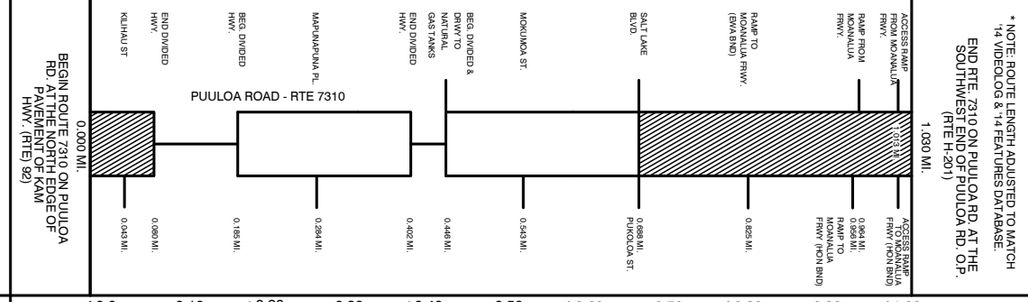
Year Project Constructed: (DANR 10-A(1), 1944) | SN FAP 9 D(4) 1945 | 6600A-01-84M Resurface 1984 | HSIP-0300(121) Guardrail and Shoulder Improvements, 2018

OAHU



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 1" = 0.1 mile

Divided Highway — Undivided
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type
- Median: Width and Type (= Guard Rails) (RSD)=RAISED
- 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: LED | LED

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

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

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

Traffic Stations (Current Year): B72 7310 00000 | B72 7310 00068

HPMS Sections - AADT 2023: 18,400 | 34,531

HPMS Sections - AADT 2022: 18,000 | 34,600

HPMS Sections - AADT 2021: 19,282 | 34,200

DOD Sections: DOD 465 | DOD 470

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits
- 7310A-01-88M 1988(R)
- 66A-01-67 1967
- S-219(1) 1948
- S-19(1) 1947
- (DANR 10-A(1) 1944) | SN FAP 9-D(4) 1945 | F-078-1(10) 1975

SCALE: (In Miles) 1" = 0.1 mile

Date Released
August 1998

Revised	
J.K.	6/99
D.B.	1/00
J.K.	10/01
D.B.	8/04
G.N.	5/06
D.B.	12/07
D.B.	8/10
D.B.	1/11
D.B.	2/12
D.B.	9/12
D.B.	8/14
C.R.	1/16
C.R.	1/17
D.B.	2/18
E.P.J.	2/21

ROAD INVENTORY
OAHU ROUTE 7345
JARRETT WHITE ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

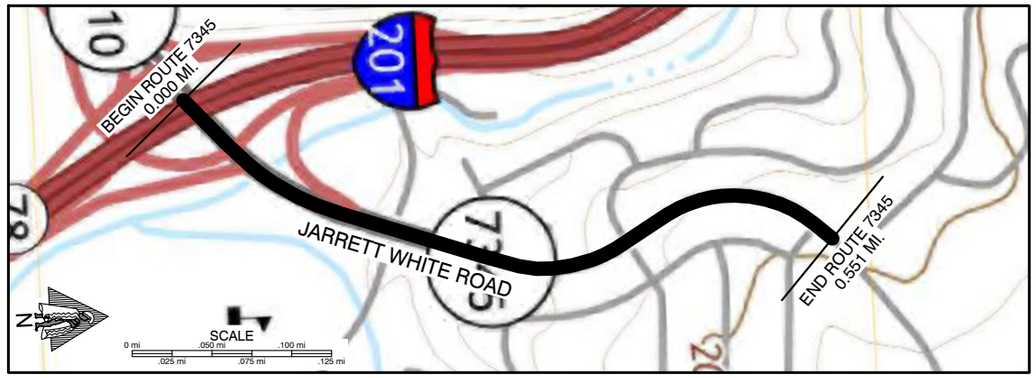
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 0.551 MILES (a+b)
a. Existing Length: 0.551 MILES
b. Proposed Length: NONE MILES
Total Travel Way Length: 0.551 MILES (a+b, less c)
a. Existing Length: 0.551 MILES
b. Temporary Length: NONE MILES
c. Length used as T.W. for another Route: NONE MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 2" = 0.10 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

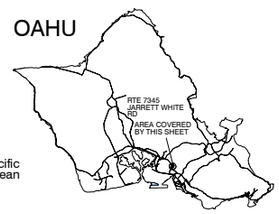
Maintenance Control Sections : Length and Description — 7310 A (0.11 MI.) (0.11)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

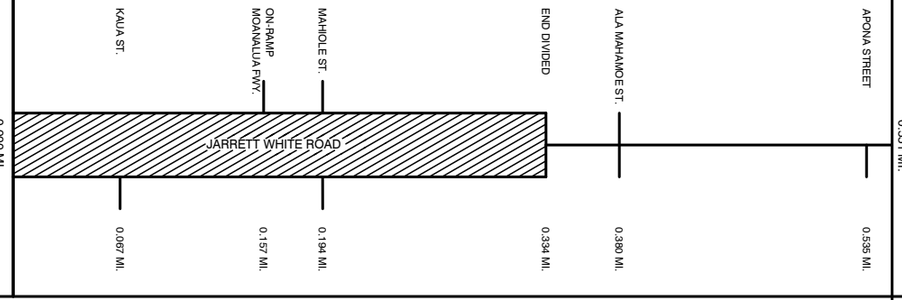
- Right of Way Width (min.-max.) if varies
- Available Right of Way Width (Needs Study)
- Right of Way Fence: Type - Right and Left
- Control of Access: 1-None, 2-Partial, 3-Full
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — STATE
- Project No. and Type of Construction
- Year Project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

OAHU



Indicates Grass & / or Physical Barrier on Median

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 2" = 0.10 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Divided Highway, Undivided
- Shoulder: Width and Type — 12' AC (.141) | 6' AC (.186) | 5' AC
- Pavement: Width and Type — 24' AC | 48' AC (.245) | 36' AC
- Shoulder: Width and Type — 0 | 6' AC | CURB
- Median: Width and Type — 4'-14' (CONC.) RAISED 2' CONC. GUTTER (L) & (R) CONC. CURB (L) & (R) (.282) | 4'-14' (CONC./AC) RAISED 2' CONC. GUTTER (L) & (R) CONC. CURB (L) & (R) (.282)
- Shoulder: Width and Type — 0
- Pavement: Width and Type — 24' AC
- Shoulder: Width and Type — 10' AC (.141) | 6' AC

- Number of Traffic Lanes — 4 LANES | 3 LANES (.245)
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 4' CONC. (L) ONLY (.139) (.194) (.255)
- (Right Side) (.139)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left) — 6' CONCRETE (.116) (.157) 6' CONCRETE | 4' CONC. (L) & (R) (.380) | 4' CONC. (R) ONLY
- Curb and/or Gutter: Type (Right and Left) — 2' CONC. GUTTER | CONC. CURB | 2' CONC. GUTTER (.284) | 2' CONC. GUTTER
- Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. MCB=Metal on top of Concrete Barrier — MCB (.125) (.157) MCB (.194) MCB | (.380)
- Illumination: Type, Location and Number
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — A (.055) B (.112) A (.279) D (.383) A (.411) D
- Superelevation (Range)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45) — B (.097) D
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: — URBANIZED-LARGE (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous — MOUNTAINOUS (3)
- Speed: 1-Design, 2-Posted — 25 MPH (2) NOT POSTED (.289) | 25 MPH (2) | (.485) NOT POSTED
- Intersection Control Devices: Type, Location and Cycle Timing — (.000) (.161) (.380) 2 PHASE
- Traffic Stations (Current Year) — B72 7345 00016 | B72 7345 00038
- HPMS Sections - AADT 2023 — 22,000 | 13,944
- HPMS Sections - AADT 2022 — 15,600 | 13,608
- HPMS Sections - AADT 2021 — 15,444 | 13,900 (.551)
- DOD Sections
- Census Tracts
- Functional Classification — MAJOR COLLECTOR (5)
- National Highway System (NHS) — ON NHS (1)
- Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 0.10 mile

0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Date Released
Sept 1994

Revised	
9/94	P.J.
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

OAHU RTE 7350
BOUGAINVILLE DRIVE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

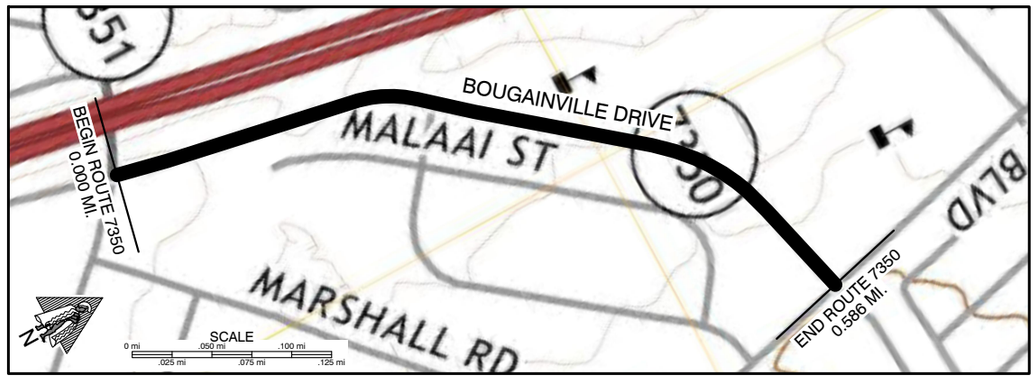
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 0.586 MILES (a+b)
a. Existing Length: 0.586 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 0.586 MILES (a+b, less c)
a. Existing Length: 0.586 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)

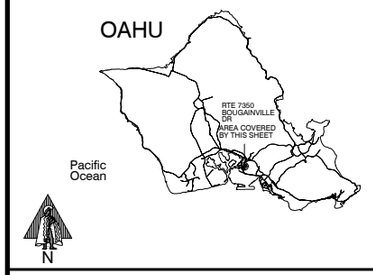
Right of Way Fence: Type - Right and Left

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)

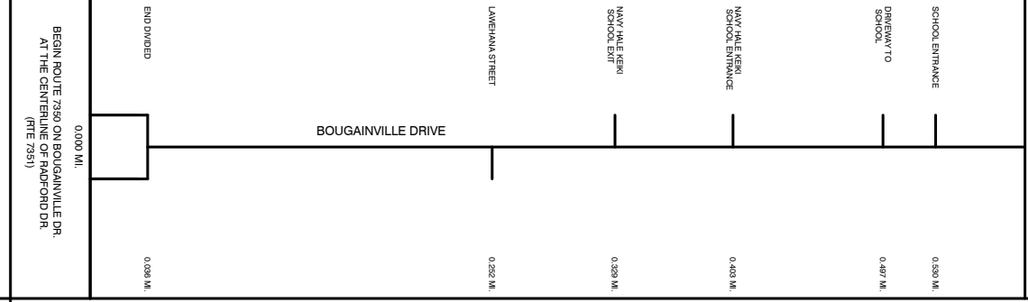
Year Project Constructed: 1995



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker



SCALE: (In Miles) 2" = 0.1 mile

Divided Highway, Undivided
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 20' | 40'
- Shoulder: Width and Type: 0' | 0'
- Median: Width and Type: 0'-5' PAINTED AC | .036
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 20'
- Shoulder: Width and Type: 0'

Number of Traffic Lanes: 4-10'

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

(Right Side): .499 | 10' AC T.L.

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

Sidewalk: Width and Type (Right and Left): 4' CONCRETE SIDEWALK / 4' CONCRETE SIDEWALK

Curb and/or Gutter: Type (Right and Left): 2' CONCRETE GUTTER / 2' CONCRETE GUTTER

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A | .185 | D | .243 | A | .417 | C | .530 | A

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): B | .207 | C | .266 | B | .409 | C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted: 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: .252 | 2 PHASE

Traffic Stations (Current Year): B72 7350 00000

HPMS Sections - AADT 2023: 13,200 | .586

HPMS Sections - AADT 2022: 11,956

HPMS Sections - AADT 2021: 12,300

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 0.1 mile

Date Released	
Aug 95	
Revised	
P.T.	8/95
G.N.	5/06
D.B.	9/10
D.B.	1/11
D.B.	2/12
D.B.	9/12
D.B.	8/14
C.R.	1/16
C.R.	1/17
D.B.	2/18
E.P.J.	2/21

ROAD INVENTORY

OAHU RTE 7351
RADFORD DRIVE

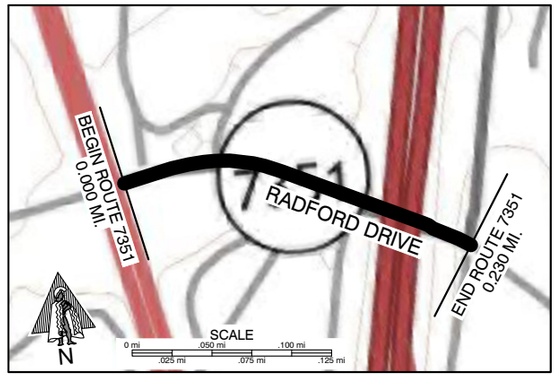
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 0.230 MILES (a+b)
a. Existing Length: 0.230 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 0.230 MILES (a+b, less c)
a. Existing Length: 0.230 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)

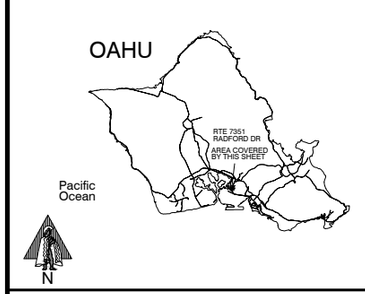
Right of Way Fence: Type - Right and Left

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)

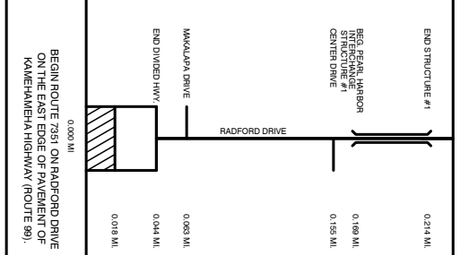
Year Project Constructed: 1995



Indicates Grass & / or Physical Barrier on Median

Road Diagram

* MPM=Milepost Marker



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END ROUTE 7351 ON RADFORD DRIVE AT THE CENTERLINE OF MOUGANIVILLE DRIVE (ROUTE 7350).
0.230 MI

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: 24' AC | 48' AC | 24' AC
- Shoulder: Width and Type: 0'
- Median: Width and Type: (4'-12' RAISED GRASS) | (0'-12' PAINT)
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 24' AC
- Shoulder: Width and Type: 0'

Number of Traffic Lanes: 4-12' | 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' AC T.L.

(Right Side): 12' AC T.L. | 12' AC

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

Sidewalk: Width and Type (Right and Left): 6' CONCRETE SIDEWALK | 8' CONCRETE SIDEWALK

Curb and/or Gutter: Type (Right and Left): 2' CONCRETE GUTTER | 2' CONCRETE GUTTER

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

Illumination: Type, Location and Number

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B72 7351 00000 | B72 7351 00015

HPMS Sections - AADT 2023: 10,200 | 17,265

HPMS Sections - AADT 2022: 8,748 | 17,300

HPMS Sections - AADT 2021: 9,000 | 18,100

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 0.1 mile

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

Date Released
Sept 1994

Revised	
10/95	P.T.
8/04	D.B.
5/06	G.N.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

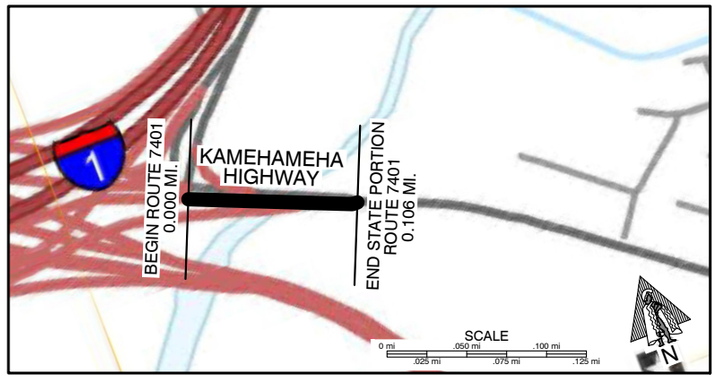
OAHU RTE 7401
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

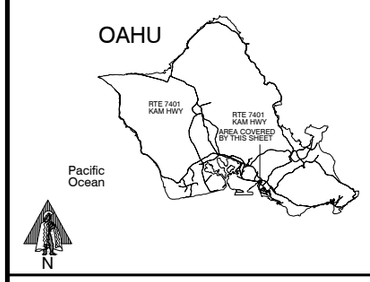
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.106 miles
a. Survey Length: 0.106 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles

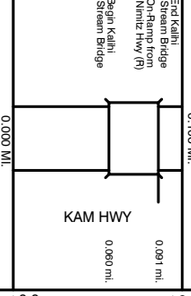


SCALE: (In Miles) 20" = 1 mile			0.0		0.10		0.20		0.30		0.40		0.50		0.60		0.70		0.80		0.90		1.00
Maintenance Control Sections : Length and Description																							
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed																						
	Vertical Clearance																						
	Horizontal Clearance																						
Structure Over Road	Vertical Clearance																						
	Horizontal Clearance																						
Right of Way Width (min.-max.) if varies																							
Available Right of Way Width (Needs Study)																							
Right of Way Fence: Type - Right and Left																							
Control of Access: 1-None, 2-Partial, 3-Full				2-Partial																			
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)				State																			
Project No., Type of Construction, and Year Constructed																							
Project No., Type of Construction, and Year Constructed																							



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

SCALE: (In Miles) 20" = 1 mile			0.0		0.10		0.20		0.30		0.40		0.50		0.60		0.70		0.80		0.90		1.00
Divided Highway, Undivided	Shoulder: Width and Type			2' AC																			
	Pavement: Width and Type			48' AC																			
	Shoulder: Width and Type			1' AC																			
	Median: Width and Type = Guard Rails			4'-15' Raised Conc. .056 .066																			
	Shoulder: Width and Type			1' AC																			
	Pavement: Width and Type			24' AC																			
	Shoulder: Width and Type			2' AC																			
Number of Traffic Lanes				4-12'																			
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)				2-12'																			
(Right Side)				1-12' (R) TL																			
Frontage Road: No. of Lanes, and Width (Right and Left)																							
Sidewalk: Width and Type (Right and Left)				8' Concrete																			
Curb and/or Gutter: Type (Right and Left)				Conc. Curb & Gutter .074 Conc. Curb .060 Conc. Curb & Gutter .054 Conc. Curb .060 Conc. Base/Metal Rail (Conc. Curb and Gutter)																			
Protective Devices: Type, Location and Number																							
Illumination: Type, Location and Number																							
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)				A																			
Superelevation (Range)																							
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)				C .098 A																			
Vertical Curve: Crest or Sag, Curve Limits																							
Area and Development:				Urbanized-Large (39889)																			
Terrain: 1-Flat, 2-Rolling, 3-Mountainous				Flat (1)																			
Speed: 1-Design, 2-Posted				35 MPH (2)																			
Intersection Control Devices: Type, Location and Cycle Timing				3 Phase																			
Traffic Stations (Current Year)				B72 7401 00007																			
HPMS Sections - AADT 2023				37,002																			
HPMS Sections - AADT 2022				34,167																			
HPMS Sections - AADT 2021				0.00 33,122 0.10 0.106																			
DOD Sections																							
Census Tracts																							
Functional Classification				Minor Arterial (4)																			
National Highway System (NHS)				Not On NHS (0)																			
Previous Projects: Project No., Date and Limits																							
SCALE: (In Miles) 20" = 1 mile			0.0		0.10		0.20		0.30		0.40		0.50		0.60		0.70		0.80		0.90		1.00

Date Released	
Dec. 03,	D.B.
Revised	
5/04	D.B.
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

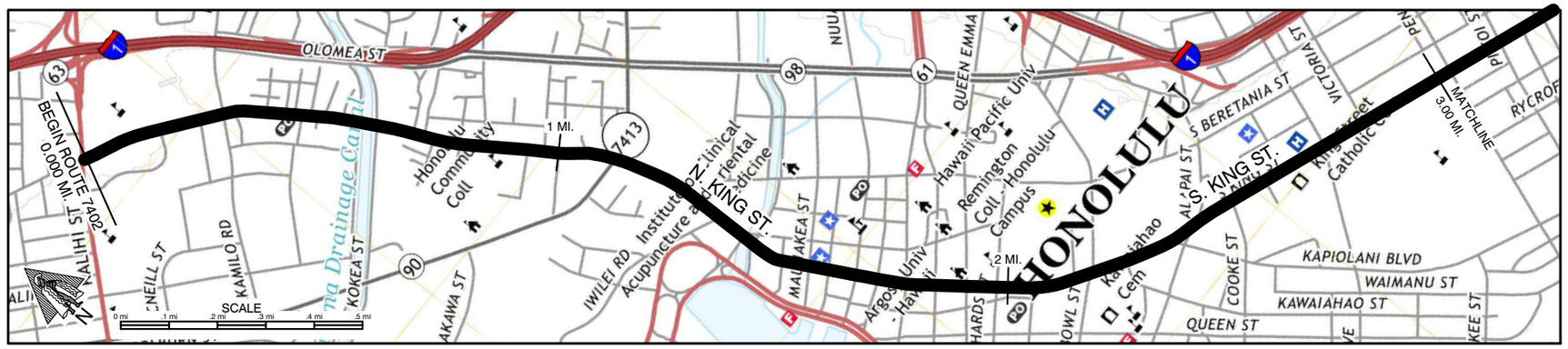
OAHU RTE 7402 (COUNTY) KING STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 5.196 miles
a. Survey Length: 5.196 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 4" = 1 mile

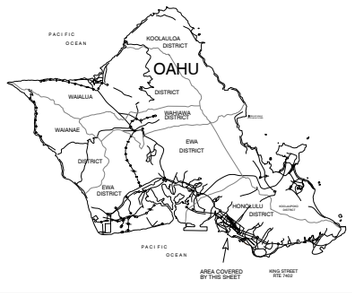
Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.-max.) if varies
- Available Right of Way Width (Needs Study)
- Right of Way Fence: Type - Right and Left
- 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

COUNTY



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

0.000 MI. BEGIN ROUTE 7402 AT (+FAR) EP OF KALIHI STREET

Haka Dr. | Kamehameha St. End Divided | Kapalama Canal Bridge | Wilmart St. Begin Divided | Kohou St. | Hospoli Ln. | Kapalama Canal Bridge | Long Ln. | Wolter In. | Kama Ln. | Mao Ln. | McGregor Ln. | Austin Ln. | Palama St. | Robello Ln. | Pua Ln. | Akepo Ln. | Oilinghham Blvd (R) | Liliha St. (L) | Begin Divided | Oeoha Ln. | N. Beretania St. End Divided | Iwilei Rd. | River St. | Nuuanu Stream Bridge | N. Hotel St. | Kekaulike St. | Maunakea St. | Smith St. | Nuuanu Ave. | Bethel St. | Fort St. Mall | Bishop St. | Alakea St. | Richards St. | Mililani St. | Punchbowl St. | Kawaiahao St. | South St. (R) | Alapai St. (L) | Cooke St. | Keelamoku St. | Ward Ave. | Victoria St.

0.527 mi. | 0.752 mi. | 1.42

NORTH KING ST — SOUTH KING ST

ONE WAY

0.170 mi. | 0.254 mi. | 0.237 mi. | 0.301 mi. | 0.327 mi. | 0.395 mi. | 0.435 mi. | 0.460 mi. | 0.489 mi. | 0.514 mi. | 0.553 mi. | 0.586 mi. | 0.622 mi. | 0.595 mi. | 0.723 mi. | 0.698 mi. | 0.744 mi. | 0.801 mi. | 0.857 mi. | 0.941 mi. | 0.975 mi. | 1.007 mi. | 1.063 mi. | 1.082 mi. | 1.125 mi. | 1.249 mi. | 1.369 mi. | 1.417 mi. | 1.439 mi. | 1.462 mi. | 1.536 mi. | 1.591 mi. | 1.633 mi. | 1.690 mi. | 1.734 mi. | 1.798 mi. | 1.857 mi. | 1.922 mi. | 1.984 mi. | 2.061 mi. | 2.166 mi. | 2.251 mi. | 2.425 mi. | 2.515 mi. | 2.566 mi. | 2.738 mi. | 2.832 mi. | 3.000 MI.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type
- Median: Width and Type
- 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) *Bike Lane added from '16 Videolog
- 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) CC=Concrete Curb CCG=Concrete Curb and Gutter
- Protective Devices: Type, Location and Number
- Illumination: Type, Location and Number
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- Superelevation (Range)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: URBANIZED-LARGE (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous FLAT (1)
- Speed: 1-Design, 2-Posted 25 MPH(2) 30 MPH(2)
- Intersection Control Devices: Type, Location and Cycle Timing PED X-WALK
- Traffic Stations (Current Year)
- HPMS Sections - AADT 2023
- HPMS Sections - AADT 2022
- HPMS Sections - AADT 2021
- DOD Sections
- Census Tracts
- Functional Classification PRINCIPAL ARTERIAL (3)
- National Highway System (NHS) ON NHS (1)
- Previous Projects: Project No., Date and Limits

	Traffic Stations (Current Year)	HPMS Sections - AADT 2023	HPMS Sections - AADT 2022	HPMS Sections - AADT 2021
0.000–0.301	B72 7402 00017	19,900	18,371	18,900
0.301–0.723	B72 7402 00033	17,600	16,427	16,900
0.723–1.125	B72 7402 00101	13,900	14,774	15,200
1.125–1.249	B72 7402 00113	23,657	22,467	22,277
1.249–1.369	B72 7402 00127	16,235	15,844	16,300
1.369–1.857	B72 7402 00127	16,235	15,844	16,300
1.857–1.922	B72 7402 00186	23,752	23,800	16,322
1.922–2.061	B72 7402 00199	15,400	19,328	18,399
2.061–2.425	B72 7402 00226	16,700	26,472	25,201
2.425–3.000	B72 7402 00342	18,200	16,614	16,474

SCALE: (In Miles) 4" = 1 mile

Date Released Dec 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

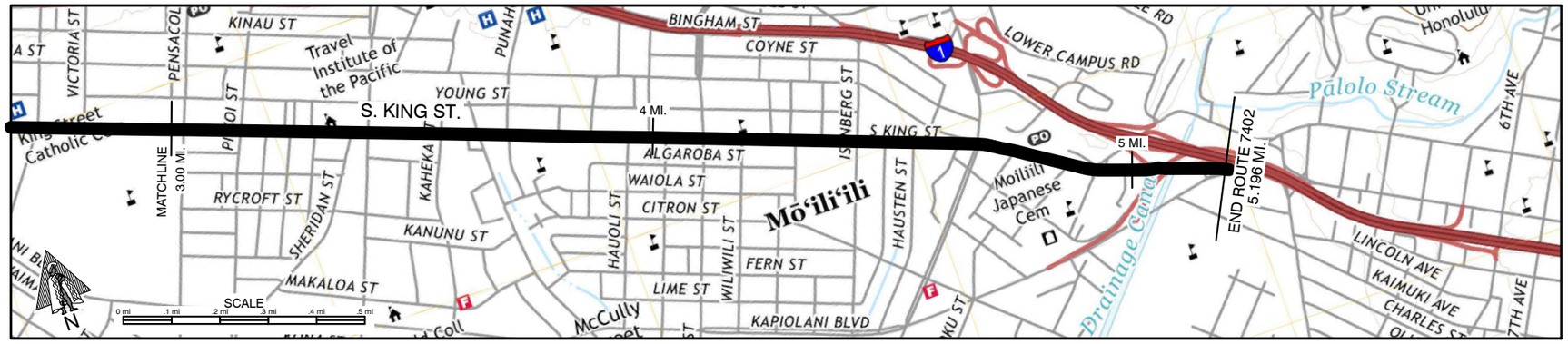
ROAD INVENTORY

OAHU RTE 7402 (COUNTY)
KING STREET

STATE OF HAWAII

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

Total Route Length: 5.196 miles
a. Survey Length: 5.196 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



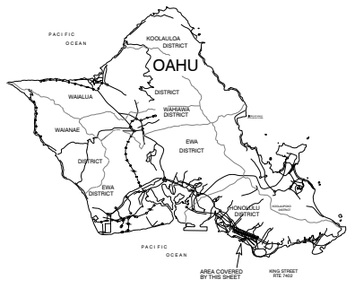
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.-max.) if varies
- Available Right of Way Width (Needs Study)
- Right of Way Fence: Type - Right and Left
- 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

* MPM=Milepost Marker

3.00 Mi. — 5.196 Mi.

COUNTY

Persicola St. 3.041 mi. | Piikoi St. 3.159 mi. | Alder St. 3.212 mi. | Palm Dr. 3.250 mi. | Cedar St. 3.262 mi. | Aohoku St. 3.303 mi. | Akaka Pl. 3.313 mi. | Sheridan St. 3.386 mi. | Keeaumoku St. 3.423 mi. | Kaheka St. 3.575 mi. | Kalakaua Ave. 3.623 mi. | Road 3.653 mi. | Punahou St. 3.714 mi. | Elsie Ln. 3.819 mi. | Pawa'a Ln. 3.886 mi. | Hao'ol St. 3.982 mi. | Artesian St. 4.007 mi. | Punehana St. 4.042 mi. | McCully St. 4.121 mi. | Wiliwi St. 4.200 mi. | Kemole Ln. 4.262 mi. | Makahiki Way 4.300 mi. | Poha Ln. 4.313 mi. | Hoowa Ln. 4.364 mi. | Isenberg St. 4.440 mi. | Coolidge St. 4.497 mi. | Hausten St. (R) 4.557 mi. | Shopping Center (L) 4.633 mi. | University Ave. 4.690 mi. | U-turn to Beretania St. 4.705 mi. | Kapiolani Ln. 4.879 mi. | Kahuna Ln. 4.900 mi. | End Divided 4.928 mi. | Begin Divided 4.962 mi. | Kanoalohi Ln. 4.982 mi. | End Divided 4.939 mi. | Waioka Rd. 5.009 mi. | Begin Divided 5.002 mi. | Church Ln. 5.045 mi. | End Divided 5.070 mi. | Turn to Kapiolani Blvd. 5.164 mi.

SOUTH KING ST

ONE WAY | TWO WAY | TWO WAY | ONE WAY

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END ROUTE 7402 AT (-NEAR) EP OF KAPIOLANI BLVD.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

- Number of Traffic Lanes
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (Right Side) *Bike Lane added from '16 Videolog
- 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) CC=Concrete Curb CCG=Concrete Curb and Gutter
- Protective Devices: Type, Location and Number
- Illumination: Type, Location and Number
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- Superelevation (Range)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: URBANIZED-LARGE (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous FLAT (1)
- Speed: 1-Design, 2-Posted 30 MPH(2) / 25 MPH(2)
- Intersection Control Devices: Type, Location and Cycle Timing PED X-WALK
- Traffic Stations (Current Year) B72 7402 00342 / B72 7402 00500 / B72 7402 00500
- HPMS Sections - AADT 2023 18,200 / 25,150 / 25,150
- HPMS Sections - AADT 2022 16,614 / 25,200 / 25,200
- HPMS Sections - AADT 2021 16,474 / 19,843 / 19,843
- DOD Sections
- Census Tracts
- Functional Classification PRINCIPAL ARTERIAL (3)
- National Highway System (NHS) ON NHS (1)
- Previous Projects: Project No., Date and Limits

Auxiliary Lanes: 2-Way 10' Bike Lane Thru to Isenberg St.* | 2-Way 10' Bike Lane*

Curb and/or Gutter: Concrete Curb and Gutter | Concrete Curb and Gutter | Concrete Curb | Concrete Curb

Curves Class: A | BA | C | BC | A | B | A | DEC | A | B

Grades Class: A | B

Date Released Dec 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

SCALE: (In Miles) 4" = 1 mile

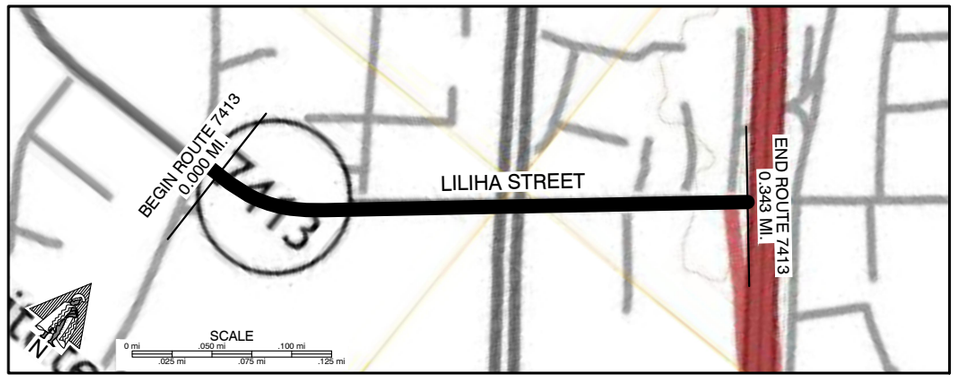
ROAD INVENTORY
OAHU RTE 7413
LILIHA STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.343 miles
a. Survey Length: 0.343 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

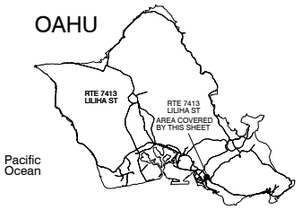
0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description

BEGIN 7413 A SAME AS BEGIN ROUTE | 7413 A (0.35 MI. LENGTH OF PORTION ON FAU 9700) | END 7413 A ON LILIHA STREET AT SOUTH E.P. OF SCHOOL STREET

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
	Vertical Clearance	
	Horizontal Clearance	
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.-max.) if varies		ESTIMATED 70'-120'
Available Right of Way Width (Needs Study)		RESIDENTIAL / COMMERCIAL
Right of Way Fence: Type - Right and Left		0.01 TILE WALL 15' FROM EDGE OF PAVEMENT 0.15
Control of Access: 1-None, 2-Partial, 3-Full		NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		0+00 STATE
Project No., Type of Construction, and Year Constructed		7413A-01-04M, REHAB., 2021
Project No., Type of Construction, and Year Constructed		STP-7413(1), 1995, RESURFACING

OAHU



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 20" = 1 mile

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

Divided Highway Undivided	Shoulder: Width and Type	NONE 0
	Pavement: Width and Type	40'-66' AC .06 | 39'-41' AC .20 | 44'-60' AC 24'-30' AC
	Shoulder: Width and Type	NONE 0
	Median: Width and Type	0'-6'
	Median Barriers:	.306 PAINTED AC
	Shoulder: Width and Type	0
	Pavement: Width and Type	20'-30' AC
	Shoulder: Width and Type	0
Number of Traffic Lanes		CTR 1-9'-10',SIN 1-10'-11' | CTR 1-11'-12',SIN 1-13'-18'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		CTR 1-12'-10',SIN 1-14'-10' .06 | 0.20 CTR 1-12'-10',SIN 1-18'-10'
(Right Side)		.076 .083 .106 .133 .125 .200 .256 .340 .24 8' PARK .27 .322 .335
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) 0.20 | CONCRETE CURB & GUTTER (L) & (R)
Protective Devices: Type, Location and Number		NONE
Illumination: Type, Location and Number		LED
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)		AD .077 A .284 D .317 A
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)		A .128 C
HOV Lanes/Contra-Flow Lanes		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		URBANIZED-LARGE (39889)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		FLAT (1)
Speed: 1-Design, 2-Posted		NOT POSTED .075 | 25 MPH (2) .304 NOT POSTED
Intersection Control Devices: Type, Location and Cycle Timing		.100 3 PHASE TRAFFIC LIGHT | .200 TRAFFIC LIGHT | TRAFFIC LIGHT .340
Traffic Stations (Current Year)		B72 7413 00020
HPMS Sections - AADT 2023		13,600 .343
HPMS Sections - AADT 2022		20,000
HPMS Sections - AADT 2021		17,800
DOD Sections		DOD 485 CT 54 | 0.20 DOD 490 CT 55
Census Tracts		CT 53
Functional Classification		MINOR ARTERIAL (4)
National Highway System (NHS)		NOT ON NHS (0)
Previous Projects: Project No., Date and Limits		
		9700B-01-83M, 1983, (R)
		U-097-1(2), 1967 | 0.20 | F-090-1(2), 1963
HPMS		

SCALE: (In Miles) 20" = 1 mile

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

Date Released	
MAY 05,	D.B.
Revised	
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B
2/21	E.P.J.
1/22	D.B

ROAD INVENTORY
OAHU ROUTE 7414 & 74140 (County)
MIDDLE STREET & NOTLEY STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

	7414	74140	
Total Designated Route Length:	0.413	0.120	MILES (a+b)
a. Existing Length:	0.413	0.120	MILES
b. Proposed Length:	0.00	0.00	MILES
Total Travel Way Length:	0.413	0.120	MILES (a+b, less c)
a. Existing Length:	0.413	0.120	MILES
b. Temporary Length:	0.00	0.00	MILES
c. Length used as T.W. for another Route:	0.00		MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



| | | |

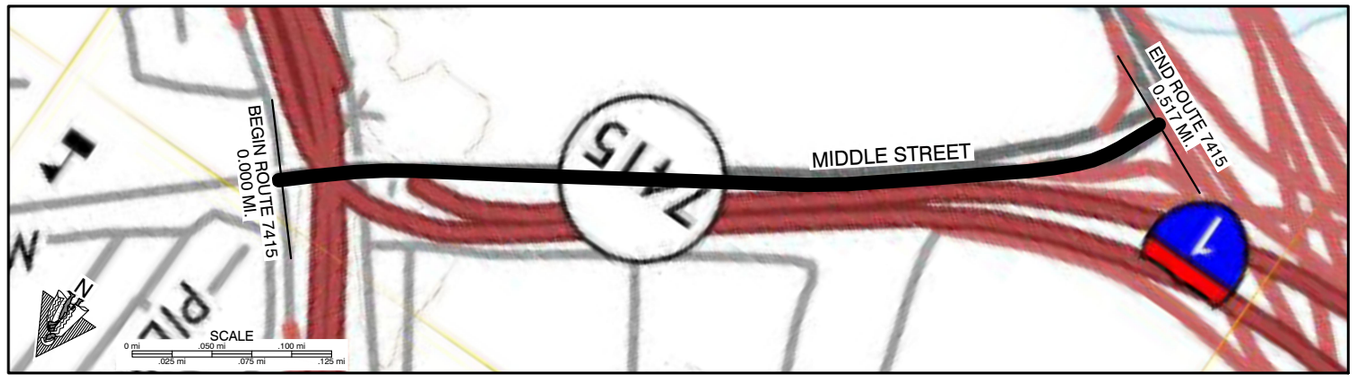
ROAD INVENTORY
OAHU RTE 7415
MIDDLE STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.517 miles
a. Survey Length: 0.517 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

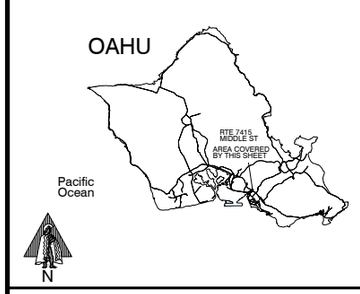
0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC BOX GDR. HS 20, 1964
- Vertical Clearance: 0.02
- Horizontal Clearance: 52'

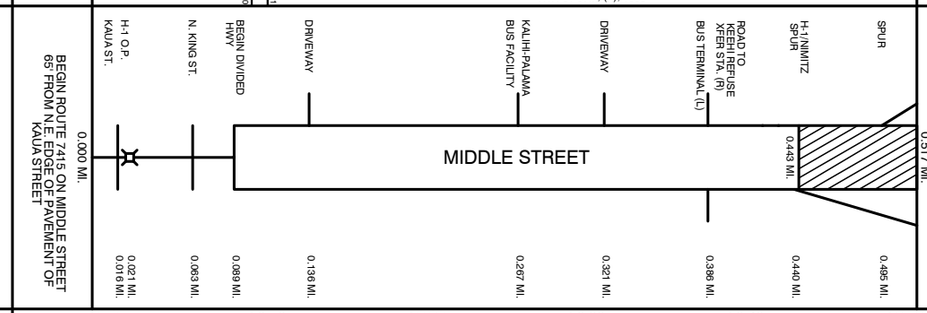
Structure Over Road
- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.-max.) if varies: 240'-420'
- Available Right of Way Width (Needs Study): RESIDENTIAL/COMMERCIAL
- Right of Way Fence: Type - Right and Left: 0.06 CL-6' 0.28
- Control of Access: 1-None, 2-Partial, 3-Full: NONE
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
- Project No., Type of Construction, and Year Constructed: (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
* MPM=Milepost Marker



SCALE: (In Miles) 20" = 1 mile

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

Divided Highway — Undivided
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 48' AC | 24' AC
- Shoulder: Width and Type: 0 | 0
- Median: Width and Type: 0-18' PAINTED AC | 4'-60' RAISED GRASS
- Median Barriers: .089 | .443
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 24' AC
- Shoulder: Width and Type: 0

- Number of Traffic Lanes: 4-12'
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .386 1-12' TL .455 | .267 1-10' ACCEL .301 | .338 1-12' TL .477
- (Right Side): .112 1-12' TL
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left): .016 6.5' CONCRETE | .063 5'-6' CONCRETE | .138 8' CONCRETE | .199 4'-8' CONCRETE | .321 8' CONCRETE | .386 10' CONCRETE | .428 (10'-16' CONC) | .457 10' CONCRETE
- .016 6.5' CONCRETE | 6'-15' AC .113 | 8'-10' AC .228 | 10' AC BIKEWAY/WALKWAY
- Curb and/or Gutter: Type (Right and Left): CC CONC. CURB & GUTTER (2) | .198 CONC. CURB & GUTTER (4) | CONC. CURB & GUTTER (2)
- CC 2' CONC. CURB & GUTTER | .321
- Protective Devices: Type, Location and Number: .435 G.R. BARRIER ON MEDIAN
- Illumination: Type, Location and Number
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A | .483 E
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): C .214 B .405 A .509 B
- HOV Lanes/Contra-Flow Lanes
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: URBANIZED-LARGE (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT (1)
- Speed: 1-Design, 2-Posted: 30 MPH (2) NOT POSTED .128 | 30 MPH (2) | .255 NOT POSTED 30 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing: .016 TRAFFIC SIGNALS .429 | .386 TRAFFIC SIGNAL .517
- Traffic Stations (Current Year): P72 7415 00018
- HPMS Sections - AADT 2023: 11,200
- HPMS Sections - AADT 2022: 11,200
- HPMS Sections - AADT 2021: 11,000
- DOD Sections
- Census Tracts: 66 | 62.01 .06 60
- Functional Classification: MINOR ARTERIAL (4)
- National Highway System (NHS): NOT ON NHS (0)
- Previous Projects: Project No., Date and Limits: 0.10 I-H1-1(131):17, 1982 | 0.41 I-IR-H1-1(169): 17, 1986

SCALE: (In Miles) 20" = 1 mile

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

Date Released
MAY 05, DB

Revised	
6/06	DB
9/10	DB
1/11	DB
2/12	DB
9/12	DB
8/14	DB
1/16	CR
1/17	CR
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

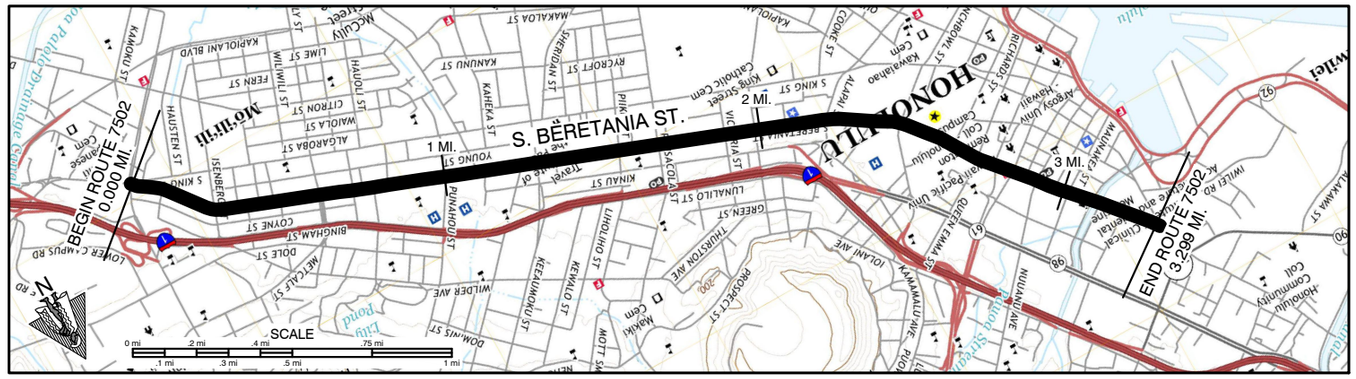
OAHU RTE 7502 (COUNTY)
BERETANIA STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 3.299 miles
a. Survey Length: 3.299 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



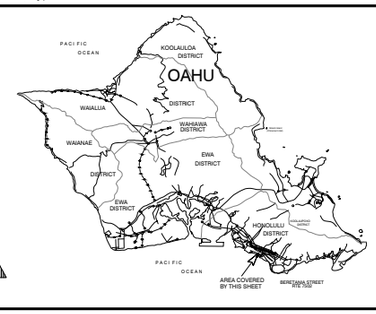
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.-max.) if varies
- Available Right of Way Width (Needs Study)
- Right of Way Fence: Type - Right and Left
- Control of Access: 1-None, 2-Partial, 3-Full
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): COUNTY
- 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
* MPM=Milepost Marker

0.000 mi. BEGIN ROUTE 7502 AT (+FAR) EP OF UNIVERSITY AVENUE

Kalaihi St. Liliuokalani Kong St. Iseneberg St. Houwa Ln. Gulick St. Pohia Ln. Kemole Ln. Farrington St. McCully St. Artesian St. Villa Ln. Alexander St. Reyes Ln. Punahou St. Kalakaua Ave. Wailau Pl. Makiki St. Keeaumoku St. Pikoi St. Ninihua Ln. Pensacola St. Wong Ho Ln. Victoria St. Ward Ave. Hale Makai St. Alapai St. Liliuokalani Ln. Lisbon St. Lauhala St. Punchbowl St. Richards St. Alakea St. Bethel St. Nu'uanu Ave Smith St. Maunakea St. River St. 'Alia St.

ONE WAY

SOUTH BERETANIA STREET — NORTH BERETANIA STREET

0.030 mi. 0.096 mi. 0.270 mi. 0.345 mi. 0.373 mi. 0.409 mi. 0.447 mi. 0.477 mi. 0.599 mi. 0.706 mi. 0.737 mi. 0.771 mi. 0.814 mi. 0.897 mi. 1.095 mi. 1.124 mi. 1.234 mi. 1.285 mi. 1.467 mi. 1.545 mi. 1.592 mi. 1.698 mi. 1.878 mi. 1.973 mi. 2.071 mi. 2.200 mi. 2.270 mi. 2.341 mi. 2.432 mi. 2.613 mi. 2.687 mi. 2.758 mi. 2.816 mi. 2.860 mi. 2.896 mi. 2.957 mi. 3.003 mi. 3.082 mi. 3.183 mi.

3.299 mi. END ROUTE 7502 AT (+NEAR) EP OF NORTH KING STREET

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

SCALE: (In Miles) 4" = 1 mile

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

- Number of Traffic Lanes
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (Right Side)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left) CC=Concrete Curb: Concrete Curb and Gutter
- Protective Devices: Type, Location and Number
- Illumination: Type, Location and Number
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- Superelevation (Range)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: URBANIZED-LARGE (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT (1)
- Speed: 1-Design, 2-Posted: 30 MPH(2) / 25 MPH(2)
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Stations (Current Year): B72 7502 00048 | B72 7502 00208 | B72 7502 00227 | B72 7502 00286 | B72 7502 00286
- HPMS Sections - AADT 2023: 14,300 | 19,979 | 40,319 | 18,488 | 18,488
- HPMS Sections - AADT 2022: 10,856 | 18,974 | 40,400 | 17,558 | 17,558
- HPMS Sections - AADT 2021: 10,764 | 18,814 | 22,745 | 17,410 | 17,410
- DOD Sections
- Census Tracts
- Functional Classification: PRINCIPAL ARTERIAL (3)
- National Highway System (NHS): ON NHS (1)
- Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released Dec 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

ROAD INVENTORY

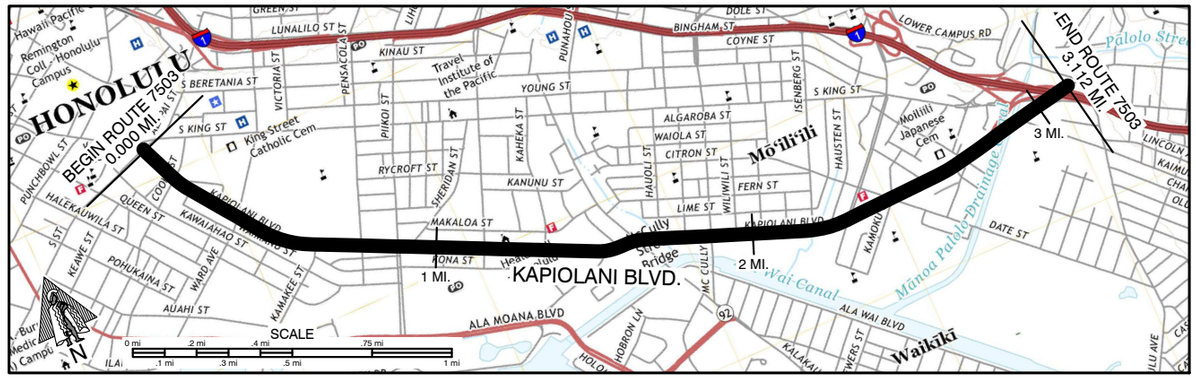
OAHU RTE 7503 (COUNTY)
KAPIOLANI BOULEVARD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 3.112 miles
a. Survey Length: 3.112 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 4" = 1 mile

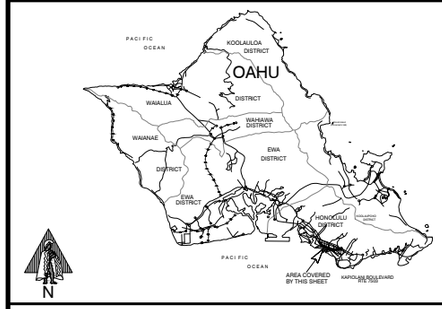
Maintenance Control Sections : Length and Description

COUNTY

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
* MPM=Milepost Marker

0.000 mi. BEGIN ROUTE 7503 AT (+FAR) EP OF SOUTH STREET

Distar St. 0.187 mi
Clayton St. 0.153 mi
Cooke St. 0.123 mi
Curtis St. 0.101 mi
Ward Ave. 0.351 mi
Kamakee St. 0.611 mi
Pensacola St. 0.754 mi
Prikoi St. 0.867 mi
Sheridan St. 0.912 mi
Kona Iki St. 1.009 mi
Keaumoku St. 1.132 mi
Kaheka St. (L) 1.323 mi
Malukona St. (R) 1.323 mi
Atkinson Dr. 1.514 mi
Kalakaua Ave. 1.553 mi
Kalaukaliani Way 1.616 mi
Hauoli St. 1.685 mi
Punehana St. 1.782 mi
McCully St. 1.842 mi
Begin Divided 1.923 mi
Wilowli St. 1.897 mi
Paani St. 2.002 mi
Ho'awa St. 2.079 mi
Isenberg St. 2.160 mi
Hausten St. 2.216 mi
End Divided 2.270 mi
University Ave 2.342 mi
Date St. 2.424 mi
Begin Divided 2.537 mi
Kaliaha St. 2.579 mi
Maunawili Pl. 2.644 mi
Maunawili St. 2.637 mi
Bridge Ramp to H-1 EB 2.686 mi
Waiakoa Rd. 2.700 mi
Kainuki Ave 2.825 mi
Harding Ave (R) 2.902 mi
S. King St. (L) 2.902 mi
Turn from King St. 3.006 mi
1.930 mi
KAPIOLANI BLVD

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

END ROUTE 7503 AT (+NEAR) EP OF KAPAHULU AVENUE AND OLD WAIALAE ROAD 3.112 mi.

SCALE: (In Miles) 4" = 1 mile

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

60' AC | 50' AC | 30' AC | 20' AC
(2' PAINTED MEDIAN) | 2'-10' RAISED GRASS | 0'-10' PAINTED MEDIAN

- Number of Traffic Lanes: 6-10' | 2-(2-10') | 3-(3-10') | 6-10'
- 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) — CC=Concrete Curb, ACC= AC Curb, CCG=Concrete Curb and Gutter
- Protective Devices: Type, Location and Number
- Illumination: Type, Location and Number
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- Superelevation (Range)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: URBANIZED-LARGE (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT (1)
- Speed: 30 MPH(2) | 35 MPH(2)
- Intersection Control Devices: Type, Location and Cycle Timing

Concrete Curb and Gutter | Concrete Curb | CC | CCG | AC Curb and Gutter | Concrete Curb and Gutter/Concrete Curb | (ACC) Concrete Curb and Gutter

Date Released	
Dec 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

Traffic Stations (Current Year)	B72 7503 00019	B72 7503 00091	B72 7503 00152	B72 7503 00200	B72 7503 00269
HPMS Sections - AADT 2023	26,631	27,345	47,605	25,049	22,056
HPMS Sections - AADT 2022	23,887	27,400	47,700	23,789	22,100
HPMS Sections - AADT 2021	21,735	27,555	25,740	23,587	13,853
DOD Sections					
Census Tracts					
Functional Classification	PRINCIPAL ARTERIAL (3)				
National Highway System (NHS)	ON NHS (1)				
Previous Projects: Project No., Date and Limits					

SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY

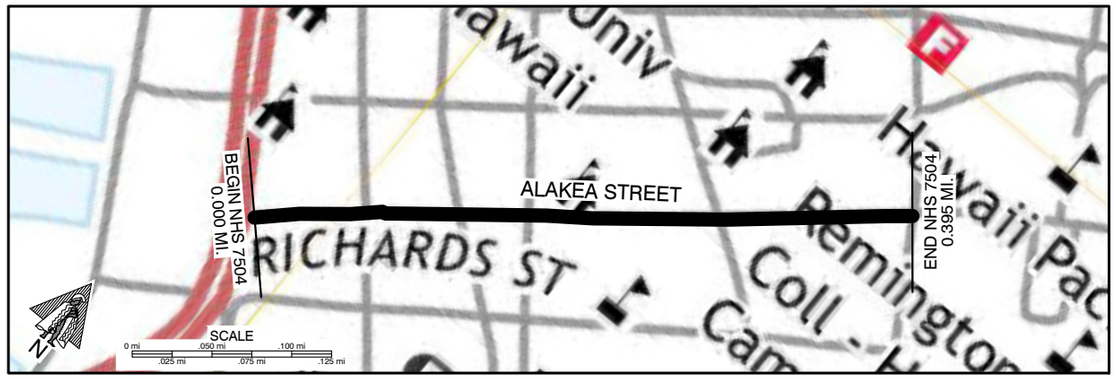
OAHU RTE 7504 (County)
ALAKEA STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.395 miles
a. Survey Length: 0.395 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

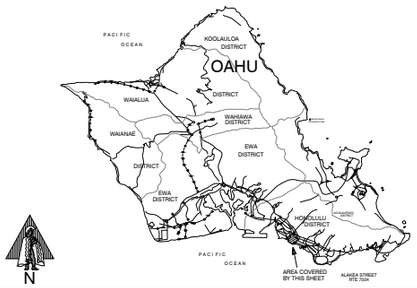
Right of Way Fence: Type - Right and Left

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

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

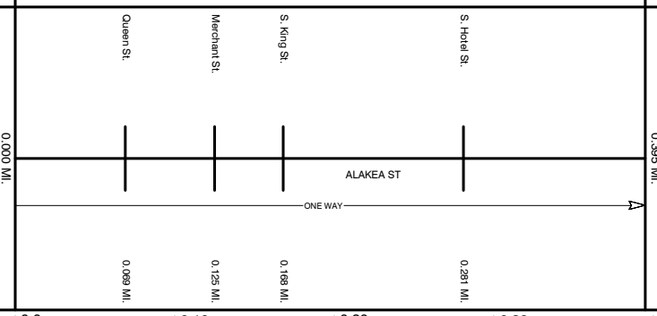
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 20" = 1 mile

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

Divided Highway — Undivided
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 50' AC | 0.07 | 36' AC | 0.28 | 54' AC
- Shoulder: Width and Type: 0'
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 4-10' | 0.07 | 4-9' | 0.28 | 5-9' AC

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

(Right Side): 0.19 PARKING LANE 9' | 0.26 T.L. 9'; T.L. 10' | .069 | .168 T.L. 9' | .281

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): Concrete Curb and Gutter | .316 | Concrete Curb; Concrete Curb and Gutter

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): .043 C | .054 A | .358 B

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): A | .080 B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted: 25 MPH(2)

Intersection Control Devices: Type, Location and Cycle Timing: .069 | .125 | .168 | .2 PED X-WALK | .281

Traffic Stations (Current Year): B72 7504 00028

HPMS Sections - AADT 2023: 10,100

HPMS Sections - AADT 2022: 14,500

HPMS Sections - AADT 2021: 8,705

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

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 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J

ROAD INVENTORY

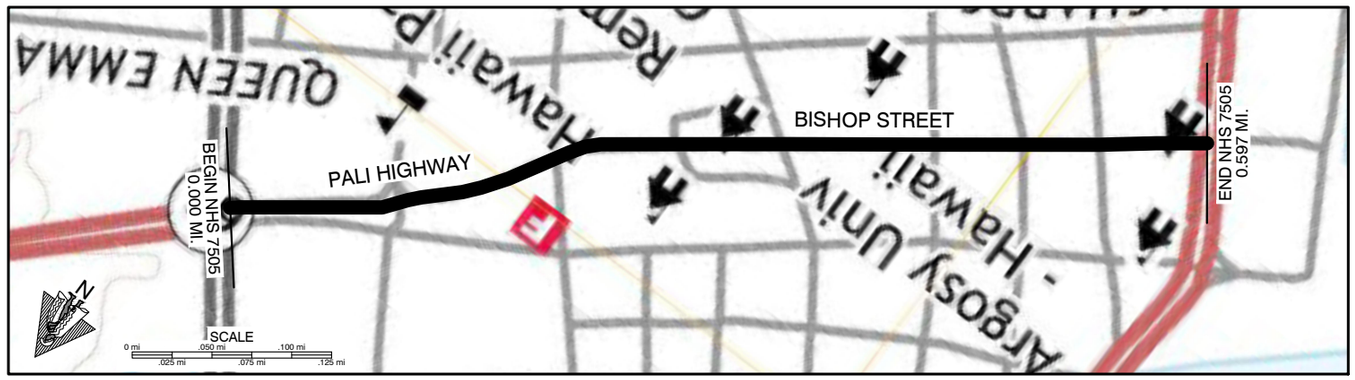
OAHU RTE 7505 (County)
PALI HIGHWAY, BISHOP STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.597 miles
a. Survey Length: 0.597 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

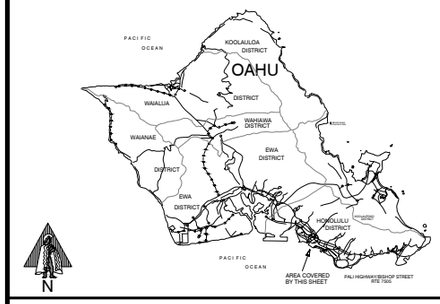
Control of Access: 1-None, 2-Partial, 3-Full

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

COUNTY

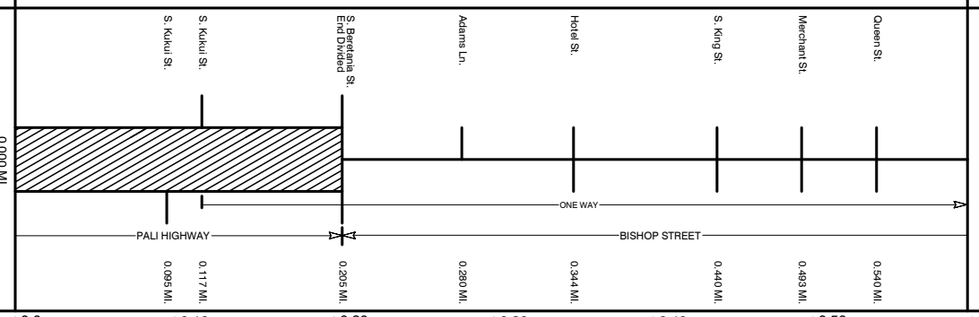
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



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

	0.0	.095	.117	.205	.400	.440	.493	.525	.590
Shoulder: Width and Type	0'								
Pavement: Width and Type	36' AC	24' AC	24' AC	50' AC	40' AC	30' AC	20' AC	10' AC	
Shoulder: Width and Type	0'	0'	0'	0'					
Median: Width and Type	0-9' RAISED GRASS	0'-10' RAISED GRASS	6'-15' RAISED GRASS						
Shoulder: Width and Type	0'	0'	0'						
Pavement: Width and Type	36' AC	36' AC	24' AC						
Shoulder: Width and Type	0'	0'	0'						

Number of Traffic Lanes: 6-12' | 3-12 / 2-12 | 4-12' | 5-10' | 4-10' | 3-10' | 2-10' | 1-10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .083

(Right Side): .191 | .199 | .400 | .440 | .493 | .525 | .530 | .540 | .587 | .590 — PARK LANE | PARKING LANE

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): Concrete Curb and Gutter | .344 | Concrete Curb | .440 | Concrete Curb and Gutter

Protective Devices: Type, Location and Number: Concrete Curb and Gutter | .075 | Concrete Curb | .205 | Concrete Curb and Gutter (.068)

Illumination: Type, Location and Number

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A | .069 | E | .096 | D | .114 | B | .174 | A | .222 | D | .240 | A | .590 | C

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted: 25 MPH(2)

Intersection Control Devices: Type, Location and Cycle Timing: .205 | .280 | .344 | .303 PED X-WALK | .440 | .493 | .540

Traffic Stations (Current Year)	B72 7505 00000		B72 7505 00010		B72 7505 00035		B72 7505 00050	
		0.11		0.231		0.44		.597
HPMS Sections - AADT 2023	13,518		8,400		11,500		8,600	
HPMS Sections - AADT 2022	12,838		9,440		15,100		12,300	
HPMS Sections - AADT 2021	12,730		9,360		9.454		5,897	

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

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 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

ROAD INVENTORY

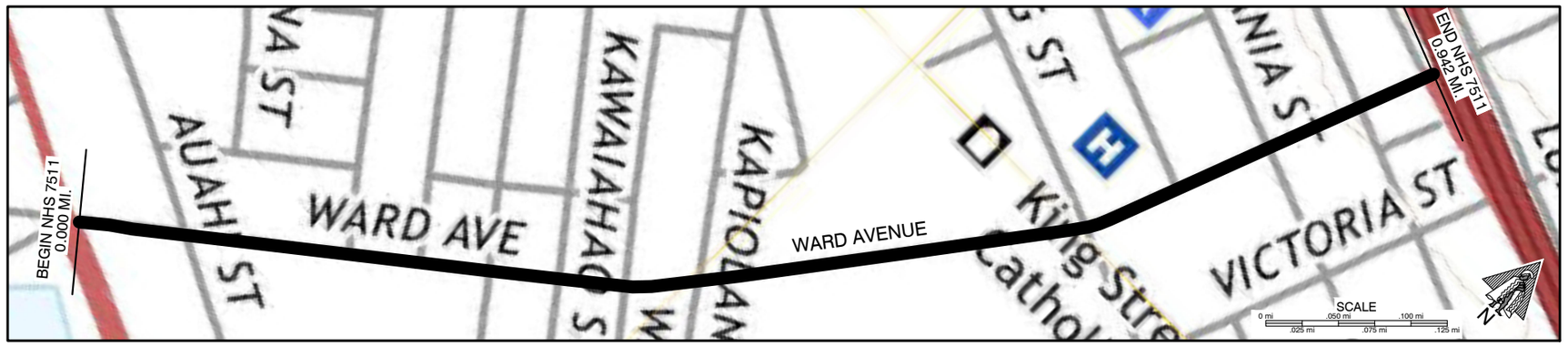
OAHU RTE 7511 (County)
WARD AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.942 miles
a. Survey Length: 0.942 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

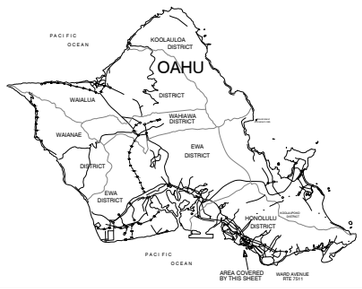
Right of Way Fence: Type - Right and Left

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

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

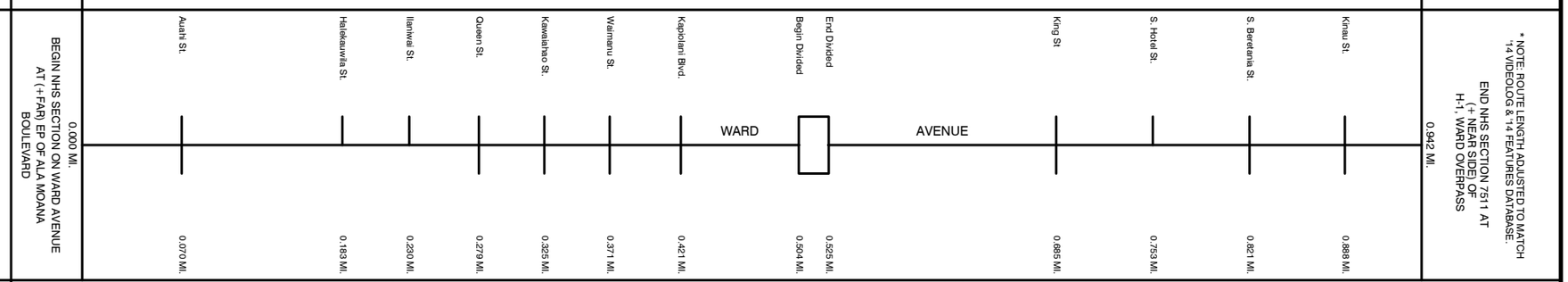
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 20" = 1 mile

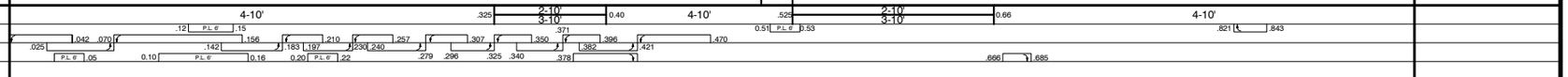
0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Divided Highway — Undivided
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 40' AC | 50' AC | 40' AC | (20' AC) | 50' AC | 40' AC
- Shoulder: Width and Type: 0' | 0'
- Median: Width and Type: (0'-5' PAINTED MEDIAN)
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: (20' AC)
- Shoulder: Width and Type: 0'

Number of Traffic Lanes: 4-10' | 2-10' 3-10' | 4-10' | 2-10' 3-10' | 4-10'

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): Concrete Curb and Gutter | Concrete Curb and Gutter | .685 | Concrete Curb | .821 CCG | .841 Concrete Curb | .874 Concrete Curb and Gutter | Concrete Curb | .888 CCG

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left): A

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): B | .920 E

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted: 25 MPH(2)

Intersection Control Devices: Type, Location and Cycle Timing: .070 | .183 | .279 | .421 | .504 | .821 | .888

Traffic Stations (Current Year)	B72 7511 00000	B72 7511 00082
HPMS Sections - AADT 2023	11,500	22,908
HPMS Sections - AADT 2022	11,956	22,356
HPMS Sections - AADT 2021	12,300	23,000

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

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 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

ROAD INVENTORY

OAHU RTE 7512 (County)

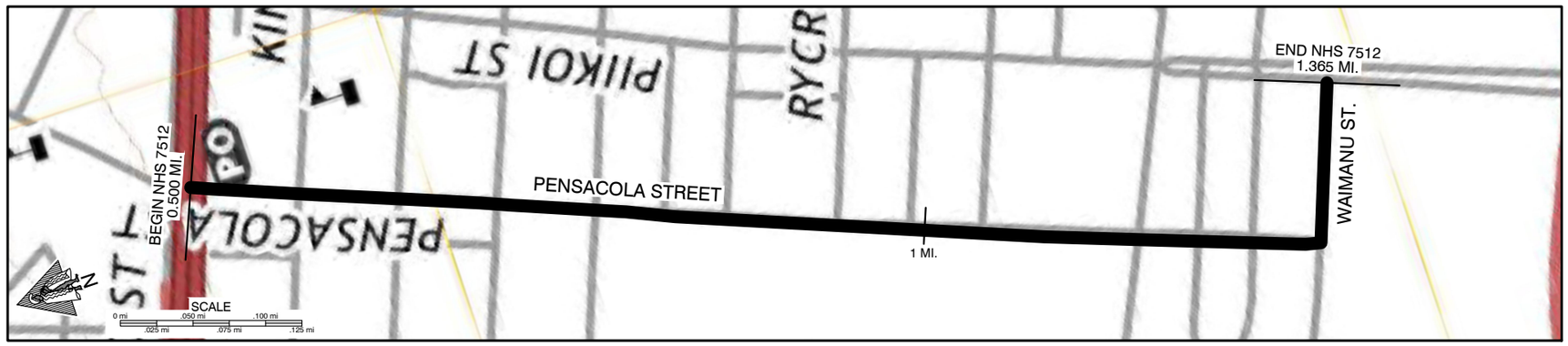
PENSACOLA STREET, WAIMANU STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.865 miles
a. Survey Length: 0.865 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50

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)

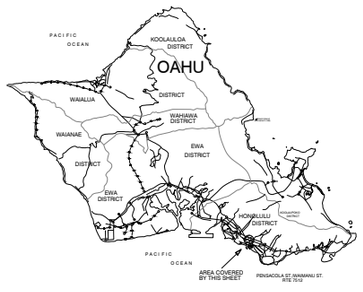
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

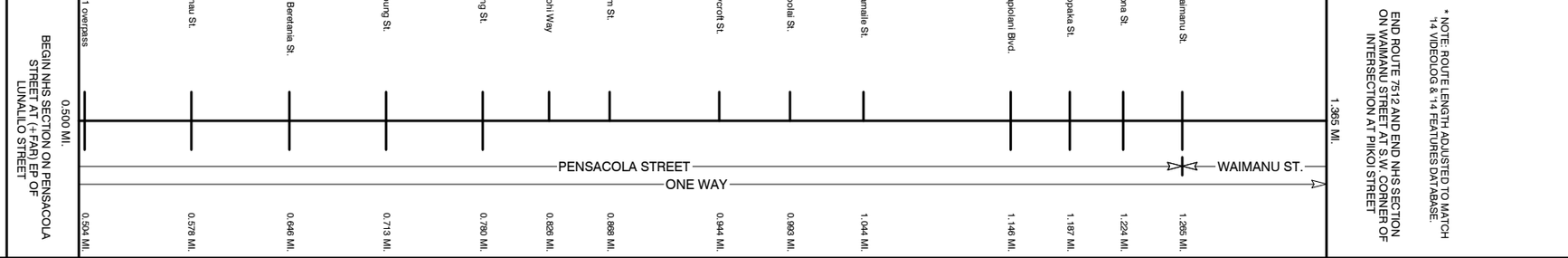
Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker



SCALE: (In Miles) 20" = 1 mile

0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50

Divided Highway, Undivided
- Shoulder: Width and Type
- Pavement: Width and Type: 40' AC | 27' AC | 45' AC | 36' AC | 40' AC | 22' AC
- Shoulder: Width and Type
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 4-10' | 3-9' | 5-9' | 4-9' | 4-10' | 2-11'

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

(Right Side): 2-WAY 4' PROTECTED BIKE LANE | T.L. - 9' | 2-WAY 4' PROTECTED PARKING LANE | PARKING LANE - 6' | T.L. - 11' | 2-WAY 4' PROTECTED BIKE LANE | (PARKING LANE - 6') | T.L. - 11'

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) CCG=Concrete Curb and Gutter: Concrete Curb and Gutter | Concrete Curb | Concrete Curb and Gutter

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted: 25 (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)	B72 7512 00049	B72 7512 00058	B72 7512 00065	B72 7512 00105
HPMS Sections - AADT 2023	8,400	10,000	13,000	9,642
HPMS Sections - AADT 2022	8,307	12,083	12,933	9,157
HPMS Sections - AADT 2021	8,237	11,981	12,832	9,079

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 20" = 1 mile

0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50

Date Released Dec 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

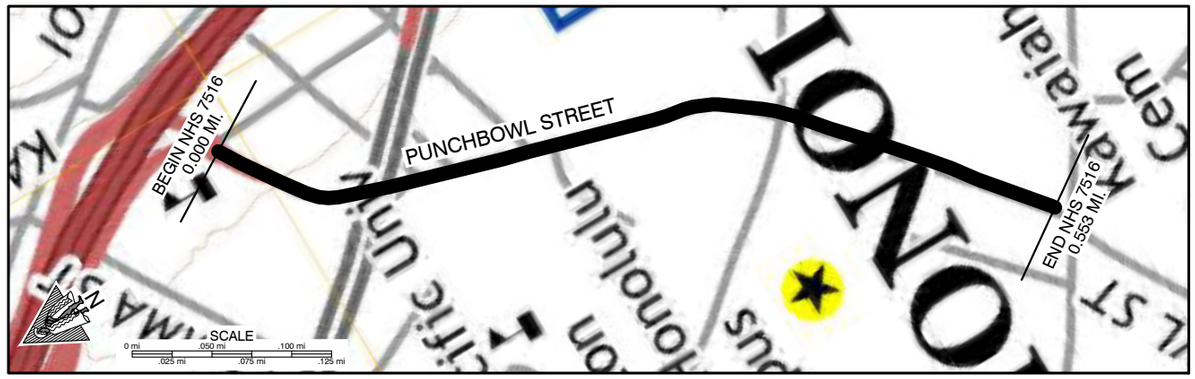
ROAD INVENTORY

OAHU RTE 7516 (County)
PUNCHBOWL STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 0.553 miles
a. Survey Length: 0.553 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

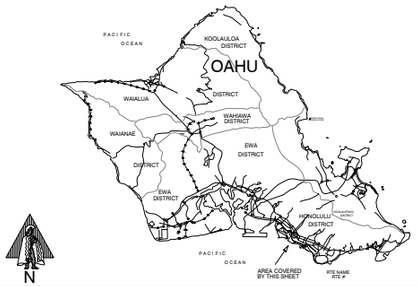
Right of Way Fence: Type - Right and Left

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

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

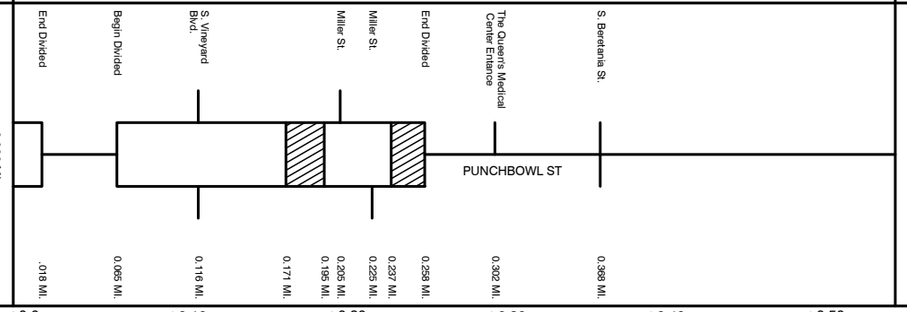
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

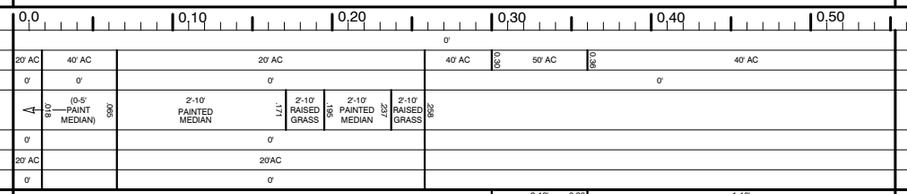
Road Diagram
* MPM=Milepost Marker



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

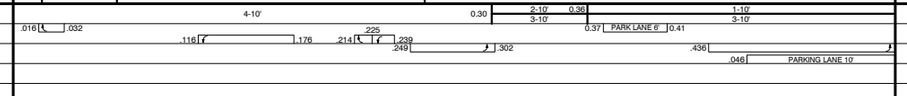
Divided Highway Undivided
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type



Number of Traffic Lanes

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

(Right Side)



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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) CC=Concrete Curb



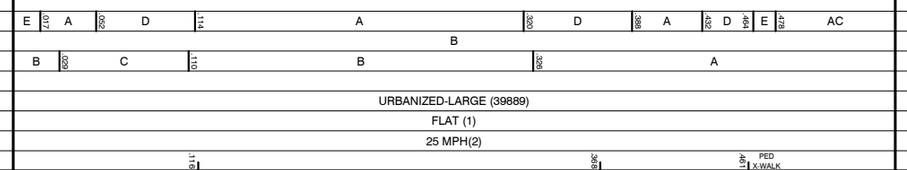
Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

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

Superelevation (Range)

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



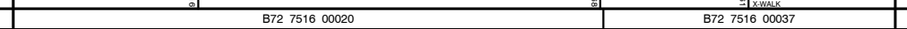
Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted: 25 MPH(2)

Intersection Control Devices: Type, Location and Cycle Timing



Traffic Stations (Current Year)	B72 7516 00020	B72 7516 00037
HPMS Sections - AADT 2023	35,229	18,227
HPMS Sections - AADT 2022	35,300	17,788
HPMS Sections - AADT 2021	34,400	18,300

0.37

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

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 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J

ROAD INVENTORY

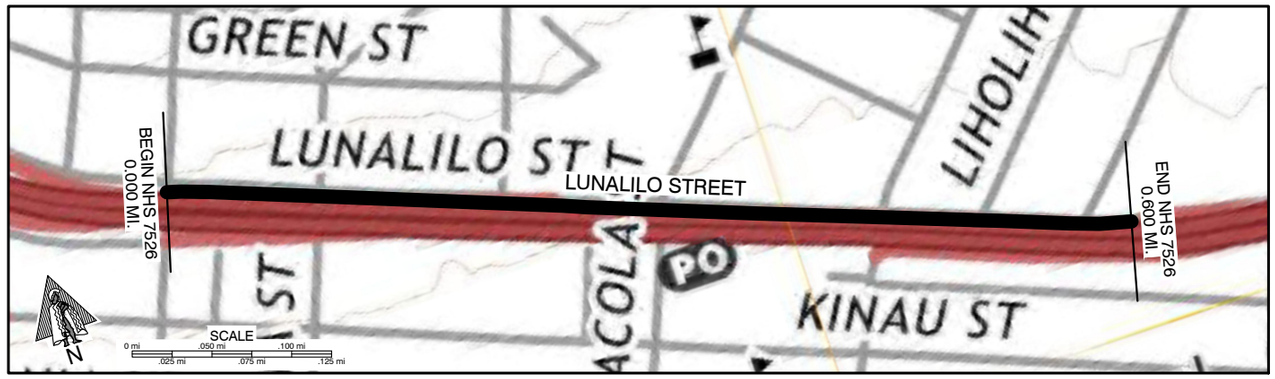
OAHU RTE 7526 (County)
LUNALILO STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.600 miles
a. Survey Length: 0.600 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study)

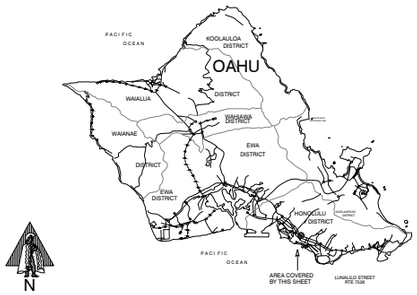
Right of Way Fence: Type - Right and Left

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

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

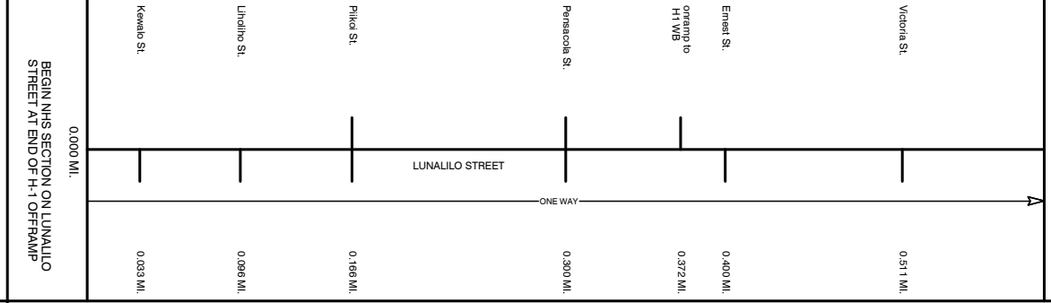
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted: 25 MPH(2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)	B72 7526 00016	B72 7526 00040
HPMS Sections - AADT 2023	33,233	5,200
HPMS Sections - AADT 2022	33,300	5,800
HPMS Sections - AADT 2021	22,838	6,300

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

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 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

79

ROAD INVENTORY

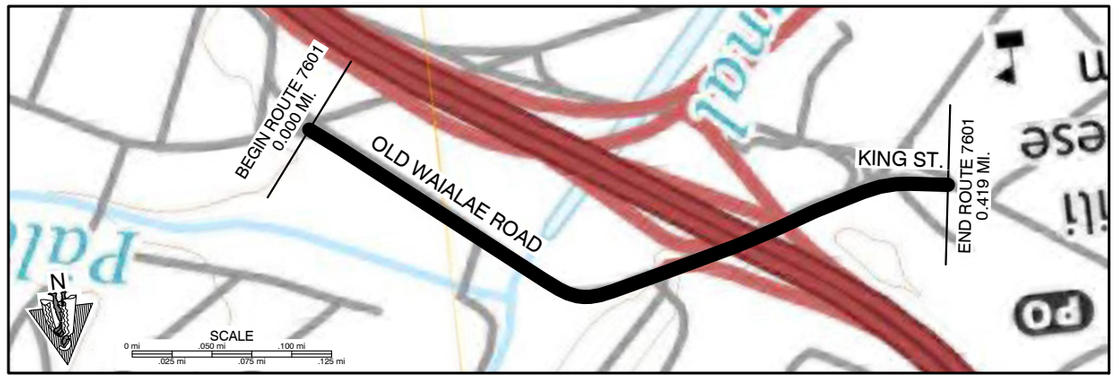
OAHU RTE 7601
OLD WAIALAE ROAD, KING STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.419 miles
a. Survey Length: 0.419 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

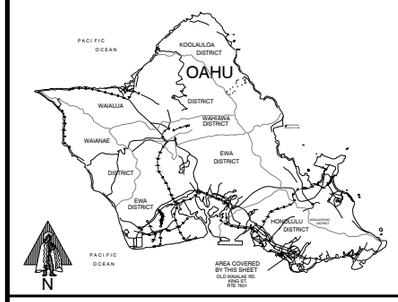
0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

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
* MPM=Milepost Marker

BEGIN ROUTE 7601 ON OLD WAIALAE ROAD AT THE NORTHWEST EDGE OF PAVEMENT OF KAPIOLANI BLVD. 0.000 MI.

KOALI ROAD 0.115 MI.
PALOLO-MANOA STREAM BRIDGE 0.134 MI.
U. OF H. MAKAI (CAMPUS) RD. (KALELE RD.) 0.231 MI.
OFF-RAMP TO H-1 WEST 0.246 MI.
H-1 SEPERATION UNDERPASS 0.276 MI.
OFF-RAMP TO H-1 EASTBOUND 0.307 MI.
OVERPASS (KING ST. OFF-RAMP) 0.314 MI.
BEGIN DIVIDED 0.341 MI.
ACCESS TO KING ST. 0.356 MI.
KEHENA PL. 0.374 MI.
0.387 MI.
0.389 MI.

OLD WAIALAE ROAD
KING ST.
ONE WAY
TWO WAY
0.419 MI.

END ROUTE 7601 ON KING STREET AT END OF DIVIDED SECTION (@CONC. NOSE)

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

SCALE: (In Miles) 20" = 1 mile

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

Divided Highway — Undivided
- Shoulder: Width and Type — 0 | 0.20 6' AC PAINTED 0.28 | 0
- Pavement: Width and Type — 36' AC | 0.25 12' AC | 12' AC 0.38 24' AC
- Shoulder: Width and Type — 0 | 0
- Median: Width and Type — 1'-6" AC (PAINT) 0.341 (3' CONC. (RAISED)) | 0.356 0'-11" AC (PAINT) 0.367 | 2'-10" CONC. (RAISED)
- Median Barriers:
- Shoulder: Width and Type — 0
- Pavement: Width and Type — 24' AC/PCC 0.07 | 24' AC
- Shoulder: Width and Type — 0

Number of Traffic Lanes — 3-12' | 0.25 1-12' | 1-12' 0.38 2-12' / 2-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side) — (20' AC BUS LANE) .030 .064 | .356 .374 (1-12' T.L.)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left) — 6' CONC. S.W. (L)(R) 0.05 | 6' AC S.W. (L)(R) 0.26 | 6' CONC. S.W. (L)(R) | 0.31 6' AC 6' AC 0.35 6' CONC. .379 6' AC
Curb and/or Gutter: Type (Right and Left) — Concrete Curb .133 CCG .174 Concrete Curb .262 Concrete Curb .307 Concrete Curb / Concrete Curb CCG .154 Concrete Curb .246 .259 Concrete Curb and Gutter .369 CC .403 CCG — 1' AC CURB & GUTTER
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. — .032 .062 | .134 .155 .156 .189 .196 .201 .240 .246 .265 .276 CONC. BARRICADES .324
Illumination: Type, Location and Number — (CONC. HEADWALLS) LED
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — A .193 E .216 A .298 B .339 A .371 D
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45) — A .209 B .410 C
HOV Lanes/Contra-Flow Lanes
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: — URBANIZED-LARGE (39889)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous — FLAT (1)
Speed: 1-Design, 2-Posted — 25 MPH (2) | .377 SCHOOL ZONE 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing — 0.0 TRAFFIC LIGHT
Traffic Stations (Current Year) — B72 7601 00011 | B72 7601 00039
HPMS Sections - AADT 2023 — 19,800 | .291 31,537
HPMS Sections - AADT 2022 — 19,800 | 31,600 .419
HPMS Sections - AADT 2021 — 17,600 | 28,000
DOD Sections
Census Tracts
Functional Classification — PRINCIPAL ARTERIAL (3)
National Highway System (NHS) — ON NHS (1)
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 20" = 1 mile

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

Date Released	
MAY 05,	D.B.
Revised	
6/06	D.B.
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B.
2/21	E.P.J.

ROAD INVENTORY

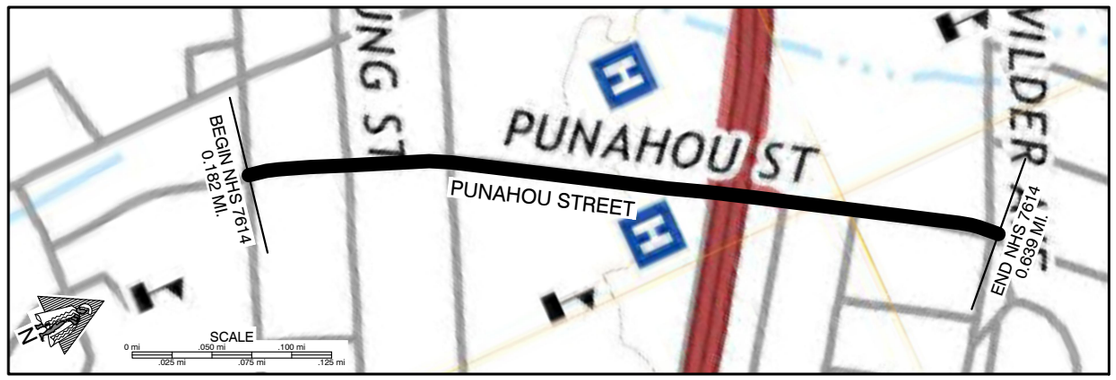
OAHU RTE 7614 (County)
PUNAHOU STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

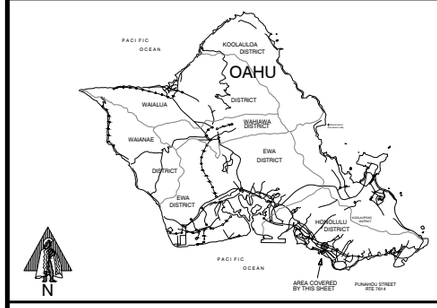
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.457 miles
a. Survey Length: 0.457 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles

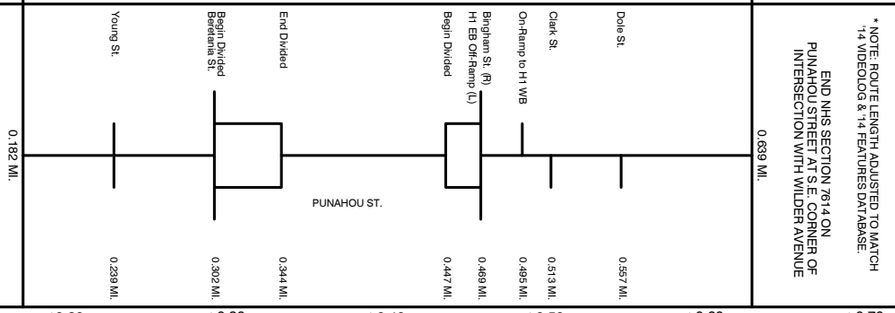


	SCALE: (In Miles) 20" = 1 mile	0.10 … 0.20 … 0.30 … 0.40 … 0.50 … 0.60 … 0.70 … 0.80 … 0.90 … 1.00 … 1.10	
	Maintenance Control Sections : Length and Description		
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed		
	Vertical Clearance		
	Horizontal Clearance		
Structure Over Road	Vertical Clearance		
	Horizontal Clearance		
	Right of Way Width (min.-max.) if varies		
	Available Right of Way Width (Needs Study)		
	Right of Way Fence: Type - Right and Left		
	Control of Access: 1-None, 2-Partial, 3-Full		
	Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	COUNTY	
	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
* MPM=Milepost Marker



	SCALE: (In Miles) 20" = 1 mile	0.10 … 0.20 … 0.30 … 0.40 … 0.50 … 0.60 … 0.70 … 0.80 … 0.90 … 1.00 … 1.10	
Divided Highway Undivided	Shoulder: Width and Type	0'	
	Pavement: Width and Type	33' AC | 0.24 | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC	
	Shoulder: Width and Type	0' | 0' | 0' | 0' | 0'	
	Median: Width and Type	.302 | 0-7" PAINT AC | .344 | .447 | 0-10' PAINT AC | .469	
	Shoulder: Width and Type	0' | 0'	
	Pavement: Width and Type	22' AC | 22' AC	
	Shoulder: Width and Type	0' | 0'	
	Number of Traffic Lanes	1-11' 2-11' | 0.24 | 4-11'	
	Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.239 | .302 | .338 T.L. 2-11' | .495 | .512	
	(Right Side)	.212 | .256 | .270 | .469 | .528 | .540 | .557 | .584 | .597	
	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) CC=Concrete Curb CC=Concrete Curb and Gutter	Concrete Curb and Gutter; Concrete Curb and Gutter 427 CC 456 Concrete Curb and Gutter 573 CC 584 CCG	
	Protective Devices: Type, Location and Number		
	Illumination: Type, Location and Number		
	Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	C | 204 | A | 294 | C | 511 | A | 627 | D	
	Superelevation (Range)		
	Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	B	
	Vertical Curve: Crest or Sag, Curve Limits		
	Area and Development:	URBANIZED-LARGE (39889)	
	Terrain: 1-Flat, 2-Rolling, 3-Mountainous	FLAT (1)	
	Speed: 1-Design, 2-Posted	25 (2)	
	Intersection Control Devices: Type, Location and Cycle Timing	.239 | .302 | .469 | .557	
	Traffic Stations (Current Year)	B72 7614 00049	
	HPMS Sections - AADT 2023	16,500	
	HPMS Sections - AADT 2022	15,670	
	HPMS Sections - AADT 2021	15,538	
	DOD Sections		
	Census Tracts		
	Functional Classification	PRINCIPAL ARTERIAL (3)	
	National Highway System (NHS)	ON NHS (1)	
	Previous Projects: Project No., Date and Limits		
	SCALE: (In Miles) 20" = 1 mile	0.10 … 0.20 … 0.30 … 0.40 … 0.50 … 0.60 … 0.70 … 0.80 … 0.90 … 1.00 … 1.10	

Date Released Dec 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J

ROAD INVENTORY

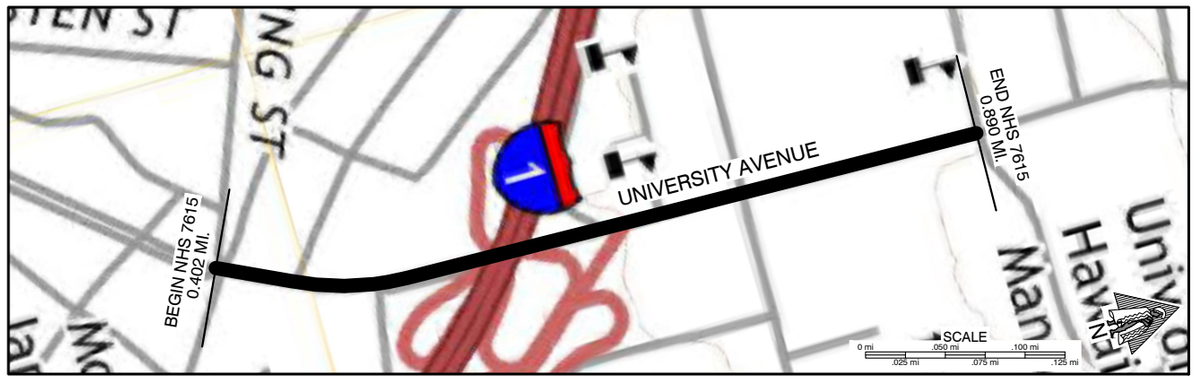
OAHU RTE 7615 (County)
UNIVERSITY AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 0.488 miles
a. Survey Length: 0.488 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40

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)

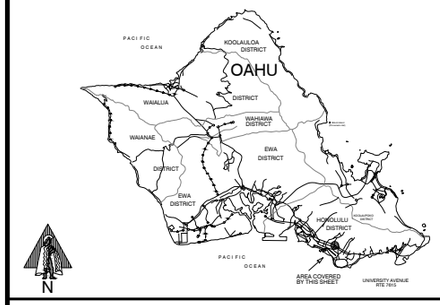
Right of Way Fence: Type - Right and Left

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

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

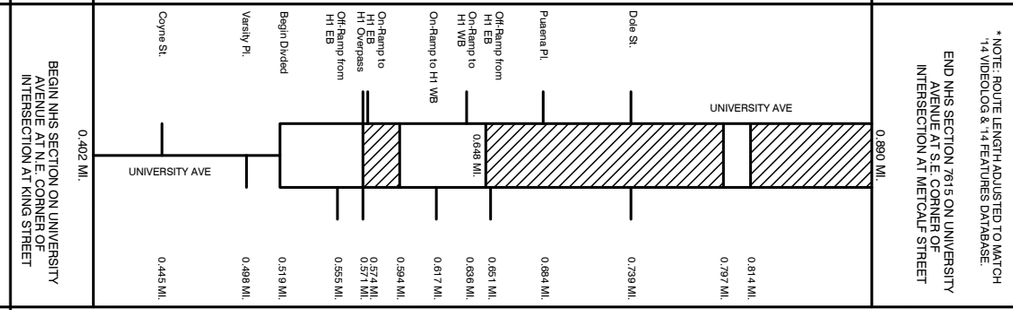
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

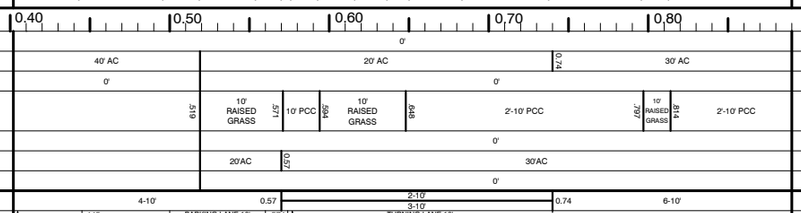
Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 20" = 1 mile

0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40

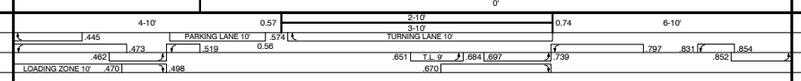
Divided Highway — Undivided
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type



Number of Traffic Lanes

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

(Right Side)



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

Sidewalk: Width and Type (Right and Left)

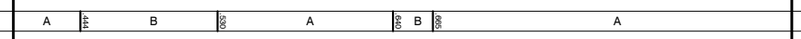
Curb and/or Gutter: Type (Right and Left)



Protective Devices: Type, Location and Number

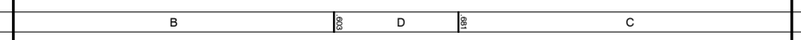
Illumination: Type, Location and Number

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



Superelevation (Range)

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



Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted: 25 MPH(2)

Intersection Control Devices: Type, Location and Cycle Timing



Traffic Stations (Current Year)	B72 7615 00068	B72 7615 00074
HPMS Sections - AADT 2023	27,445	21,756
HPMS Sections - AADT 2022	27,500	21,800
HPMS Sections - AADT 2021	21,100	16,300

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 20" = 1 mile

0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40

Date Released Dec 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

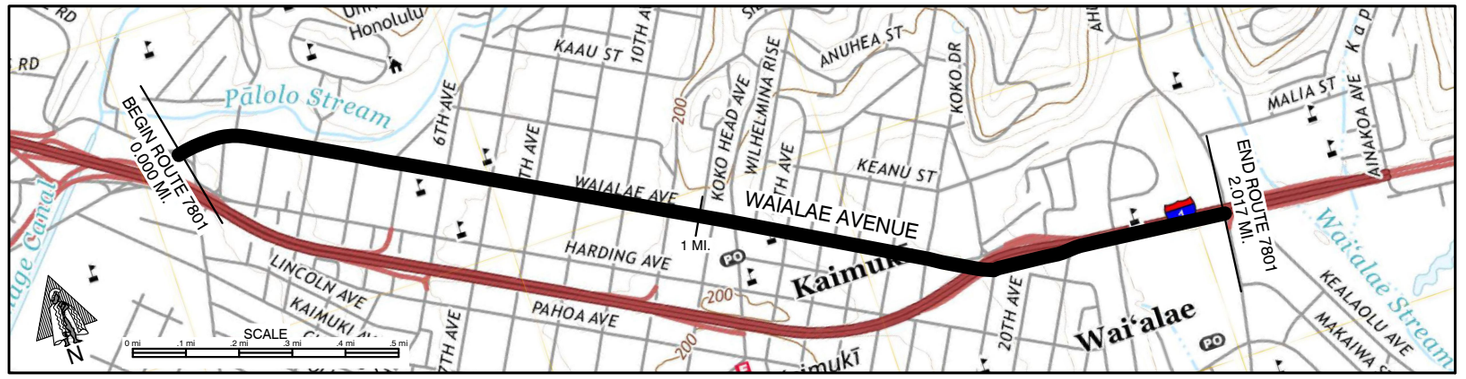
ROAD INVENTORY

OAHU RTE 7801 (COUNTY)
WAIALAE AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 2.017 miles
a. Survey Length: 2.017 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



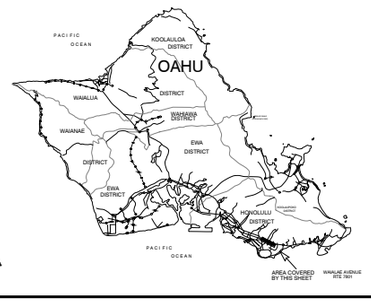
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

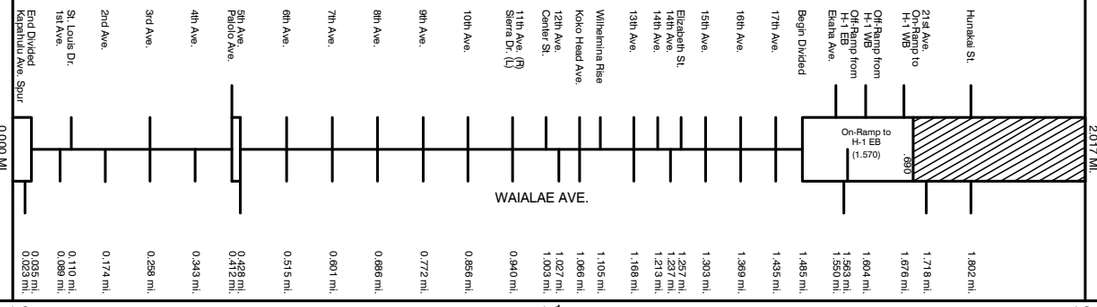
- Right of Way Width (min.-max.) if varies
- Available Right of Way Width (Needs Study)
- Right of Way Fence: Type - Right and Left
- Control of Access: 1-None, 2-Partial, 3-Full
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- Project No., Type of Construction, and Year Constructed
-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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

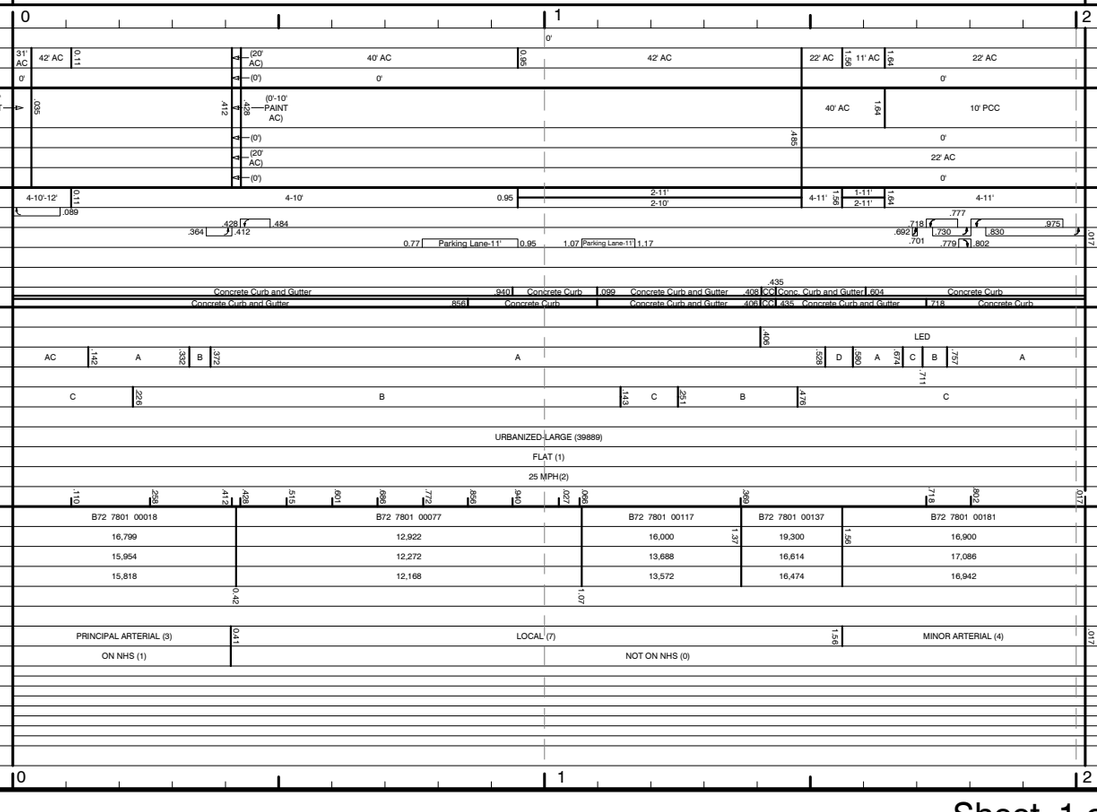


* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END ROUTE 7801 AT SOUTHEAST OF PAVEMENT AT KILAUEA AVENUE

SCALE: (In Miles) 4" = 1 mile

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

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



- Number of Traffic Lanes
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
  (Right Side)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left)
  CC=Concrete Curb, ACC= AC Curb
  CCG=Concrete Curb and Gutter
- Protective Devices: Type, Location and Number
- Illumination: Type, Location and Number
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- Superelevation (Range)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development:
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous
- Speed: 1-Design, 2-Posted
- Intersection Control Devices: Type, Location and Cycle Timing

Date Released Dec 2013, EPJ	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

- Traffic Stations (Current Year)
- HPMS Sections - AADT 2023
- HPMS Sections - AADT 2022
- HPMS Sections - AADT 2021
- DOD Sections
- Census Tracts
- Functional Classification
- National Highway System (NHS)
- Previous Projects: Project No., Date and Limits

Traffic Stations (Current Year)	HPMS Sections - AADT 2023	HPMS Sections - AADT 2022	HPMS Sections - AADT 2021	Functional Classification	National Highway System (NHS)
B72 7801 00018	16,799	15,954	15,818	PRINCIPAL ARTERIAL (3)	ON NHS (1)
B72 7801 00077	12,922	12,272	12,168	LOCAL (7)	NOT ON NHS (0)
B72 7801 00117	16,000	13,688	13,572	LOCAL (7)	NOT ON NHS (0)
B72 7801 00137	19,300	16,614	16,474	LOCAL (7)	NOT ON NHS (0)
B72 7801 00181	16,900	17,086	16,942	MINOR ARTERIAL (4)	NOT ON NHS (0)

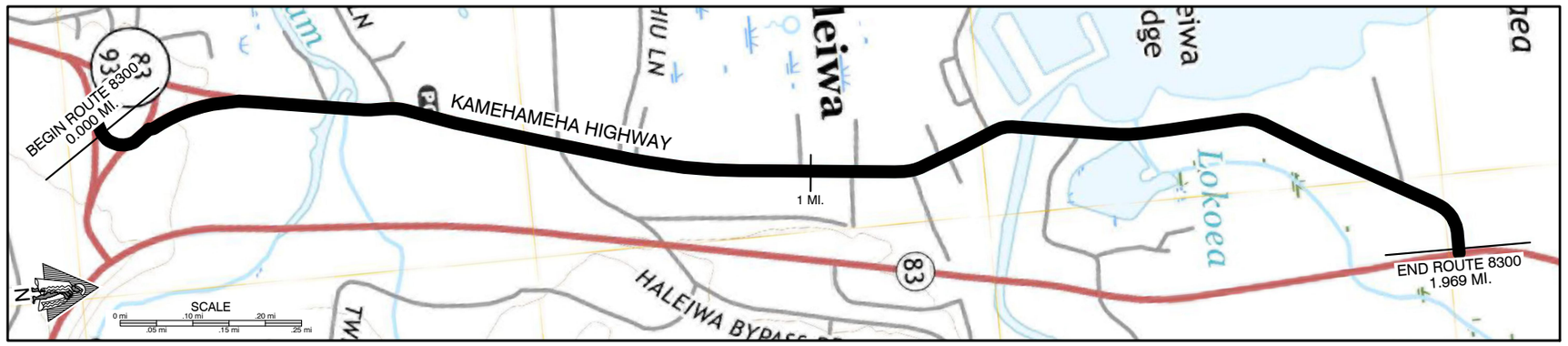
ROAD INVENTORY

OAHU RTE 8300
KAMEHAMEHA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 1.969 miles
a. Survey Length: 1.969 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

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TBM H15 1928 65' | CONC MASONRY ARCH H15 1921 161' | TBM H10 1923 29'
- 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)

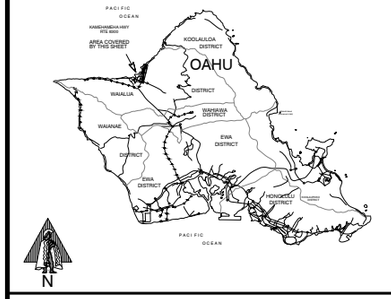
Right of Way Fence: Type - Right and Left

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE | .375 | COUNTY

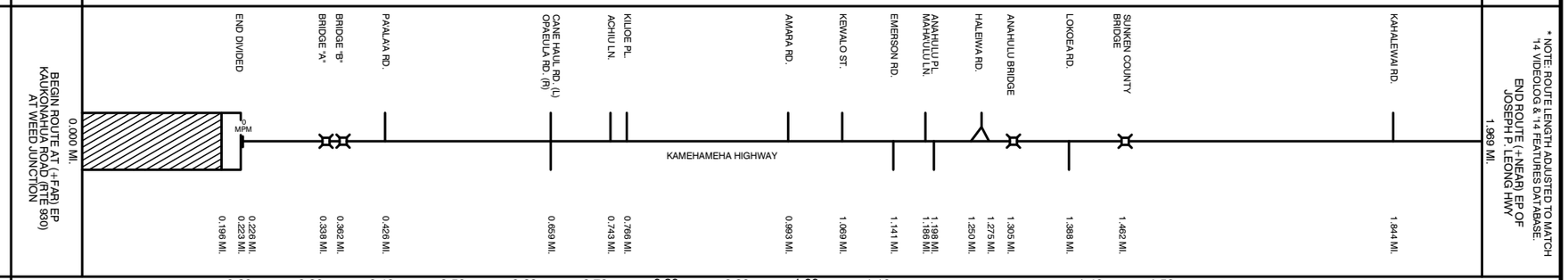
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



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 | 4' AC | 0' | 4' AC | 4' AC | 4' AC | 0'
- Pavement: Width and Type: 12' AC | 20' AC | 20' PCC | 20' AC | (20' PCC) | 20' AC | 16' PCC | 20' AC
- Shoulder: Width and Type: 0' | 4' AC | 0' | 4' AC | (4' PCC) | 4' AC | 0' | 4' AC
- Median: Width and Type: 260'-30' GRASS | 10'-0' PAINTED
- Shoulder: Width and Type: 0'
- Pavement: Width and Type: 12' AC
- Shoulder: Width and Type: 4' AC

Number of Traffic Lanes: 2-12' | 2-10' | 2-8' | 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): 4' Concrete

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

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

Illumination: Type, Location and Number: LED

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

Speed: 1-Design, 2-Posted: 25 MPH(2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)	B72 8300 00033	B72 8300 00138
HPMS Sections - AADT 2023	11,000	7,500
HPMS Sections - AADT 2022	10,595	7,600
HPMS Sections - AADT 2021	10,900	6,400
DOD Sections		
Census Tracts		
Functional Classification	MINOR ARTERIAL (4)	
National Highway System (NHS)	NOT ON NHS (0)	
Previous Projects: Project No., Date and Limits		

SCALE: (In Miles) 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 JAN 2014	
Revised	
Aug. 14	D.B.
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

ROAD INVENTORY

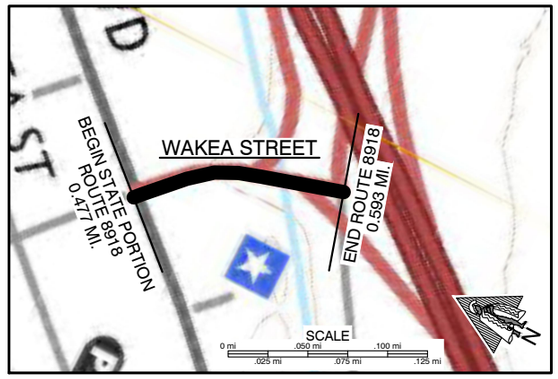
OAHU RTE 8918
WAKEA STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE

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

Total Route Length: 0.116 miles
a. Survey Length: 0.116 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

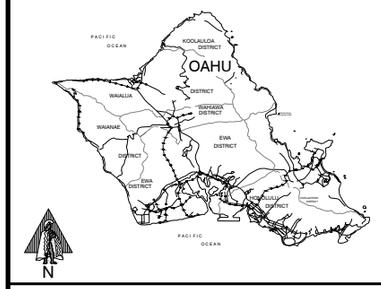
0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40

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
- Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

BEGIN ROUTE AT NORTHWEST EDGE OF PAVEMENT (+ FAR) OF KAMOKILA BLVD. (RTE 8915)
0.477 MI.

Off-Ramp
Begin Divided
On-Ramp

WAKEA STREET

0.587 MI.
0.565 MI.
0.553 MI.

END ROUTE AT SOUTHWEST EDGE OF PAVEMENT (+NEAR) OF FARRINGTON HWY
0.593 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

SCALE: (In Miles) 20" = 1 mile

0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40

Divided Highway — Undivided
- Shoulder: Width and Type: AC
- Pavement: Width and Type: AC 0.49 | PCC | PCC
- Shoulder: Width and Type: AC | PCC | 0
- Median: Width and Type: 0'-13'
- Median Barriers: .565 | Painted PCC
- Shoulder: Width and Type: 0
- Pavement: Width and Type: PCC
- Shoulder: Width and Type: PCC

- Number of Traffic Lanes: 2- | 0.55 | 1-
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 2- | 0.57 | 1-
- (Right Side): .564
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left): 6' CONCRETE
- Curb and/or Gutter: Type (Right and Left): CONCRETE CURB & GUTTER (L) & (R)
- Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts Unless Otherwise Noted.: .527 | .553 | .563
- Illumination: Type, Location and Number: LED
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): AC | .548 | A | .574 | C
- Superelevation (Range)
- Grade Class: +/_ % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): BC | .537 | E
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: Small Urban (99998)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous
- Speed: 1-Design, 2-Posted
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Station (Current Year): B72 8918 00038
- HPMS Sections - AADT Year 2023: 11,900
- HPMS Sections - AADT Year 2022: 13,900
- HPMS Sections - AADT Year 2021: 9,100
- DOD Sections
- Census Tracts
- Functional Classification
- National Highway System (NHS)
- Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 20" = 1 mile

0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40

Date Released
Jan 2015 DB

Revised	
Jan. 16	C.R.
Jan. 17	C.R.
Feb. 18	D.B.
Feb. 21	E.P.J.

ROAD INVENTORY

OAHU RTE 8930
KUALAKA'I PARKWAY

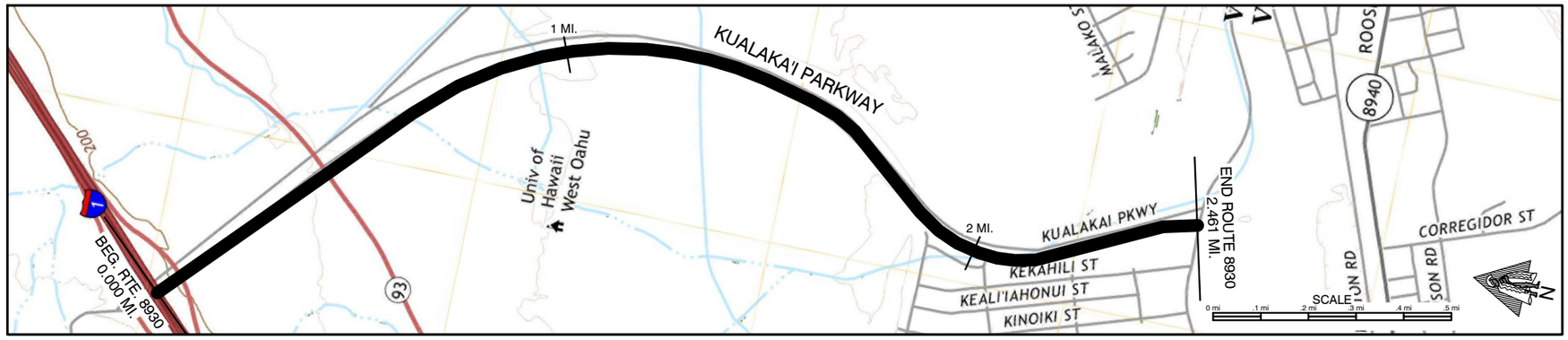
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 2.461 miles
a. Survey Length: 2.461 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

* New Construction



SCALE: (In Miles) 4" = 1 mile

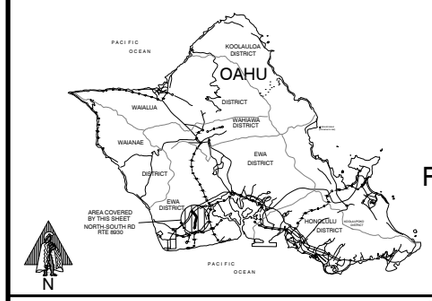
Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

(56' PRE-STRESSED CONCRETE I-BEAM GIRDER, HL-95, 2008)
4 CELL CONC. BOX CULVERT
96'
1.87
98'
165'

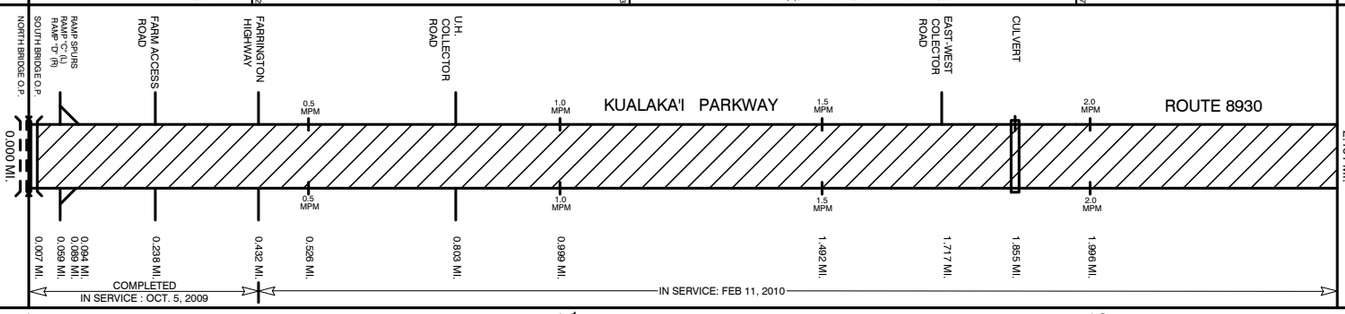
Right of Way Width (min.-max.) if varies: 300' | 300'-230' | 230' | 210' | 210'-355'
Available Right of Way Width (Needs Study)
Right of Way Fence: Type - Right and Left: (FENCE 145' F.P.) — 0.43 — 0.53 — 0.58 — (FENCE 145'-80' F.P.) — FENCE 80' F.P. — (FENCE 55' F.P.) 2.19 — 2.25
Control of Access: 1-None, 2-Partial, 3-Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 107+80 | STATE | 0+00
Project No., Type of Construction, and Year Constructed: STP-8930(4) PHASE 1-C | 71+00 | STP-8930(2) PHASE 1-B, 2010 | 26+50
Project No., Type of Construction, and Year Constructed: ROADWAY CONSTRUCTION, 2009 | 0.43 | 1.13 | STP-8930(1), PHASE 1A, NEW ROADWAY, 2007 | 1.97



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway

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

Median: Width and Type
Median Barriers:

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

14' PCC | 10' PCC | 0 | 8' PCC
24' PCC | 36' PCC | 24' PCC
SHOULDER: 0 | 2'-10' PCC | 2' PCC SHLDR. | 0' | 2' CONC. C & G | 2' PCC SHLDR. | 0'
0 | 2.5' PCC | (6'-8' AC/ 12'-14' PCC) | 14' PCC | 6'-8' AC / 14'-12' PCC | 6' AC/14' PCC | 14' PCC | 6' AC/ 14' PCC | 2.5' PCC | 12-14' PCC (2' CONC. C & G.)
6' PCC Raised | 6'-24' RAISED GRASS | 6' RAISED PCC | 6'-24' RAISED GRASS | 6' RAISED PCC | 18'-43' RAISED GRASS | 51' GRASS | 33.5' GRASS | 39.5' GRASS | 33.5' GRASS | 6'-12' RAISED PCC | 33.5' GRASS | 39.5' GRASS | 33.5' GRASS | 51' GRASS | 51'-6' GRASS | 6' RAISED PCC
CURB & GUTTER: 2' CONC. C & G (6'-2' PCC) (4'-19.42' PCC)
SHOULDER: 0' | 2' PCC SHLDR. | 12' PCC | 0' | 4' PCC | 19.42'-22' PCC
2.5' PCC | (12'-33.5' RAISED GRASS) | 2.5' PCC | 0 (2' CONC. C & G.)
24' PCC | 36' PCC | 24' PCC | 0'-12' GORE
14' PCC | 10' PCC | 8' PCC

Number of Traffic Lanes: 4-12' | 6-12' | 4-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 2-12' TLS | 1-12' T.L. | 1-12' T.L.
(Right Side): 11' TL | 1-12' TL | 1-14' TL | 1-12' MERGE LANE | 1-12' T.L. | 2-11' T.L. | 2-12' T.L.
Frontage Road: No. of Lanes, and Width (Right and Left): 15' ROAD / MULTI-USE PATH | 15' ROAD / MULTI-USE PATH
Sidewalk: Width and Type (Right and Left): 8' CONC. S.W. | 8' CONC. S.W.
Curb and/or Gutter: Type (Right and Left): 2' CONC. C. & G. | 2' CONC. C. & G.
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number: LED | LED
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A | BA | BE
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): CB | A | B | A | B
HOV Lanes/Contra-Flow Lanes
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: URBANIZED-LARGE (39889)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT (1)
Speed: 1-Design, 2-Posted: 35 MPH
Intersection Control Devices: Type, Location and Cycle Timing: 3 PHASE | 2 PHASE | 4 PHASE | 4 PHASE | 3 PHASE
Traffic Station: B72 8930 00000 | B72 8930 00173
HPMS Section AADT 2023: 24,402 | 21,457
HPMS Section AADT 2022: 23,814 | 21,500
HPMS Section AADT 2021: 23,200 | 18,400
DOD Sections
Census Tracts
Functional Classification: PRINCIPAL ARTERIAL (3)
National Highway System (NHS): ON NHS (1)
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released	
Mar. 2007, D.B.	
Revised	
D. B.	12/07
D. B.	2/09
D. B.	1/10
D. B.	1/11
D. B.	2/12
D. B.	9/12
D. B.	8/14
C.R.	1/16
C.R.	1/17
D.B.	2/18
E.P.J.	2/21

ROAD INVENTORY

OAHU RTE 8940

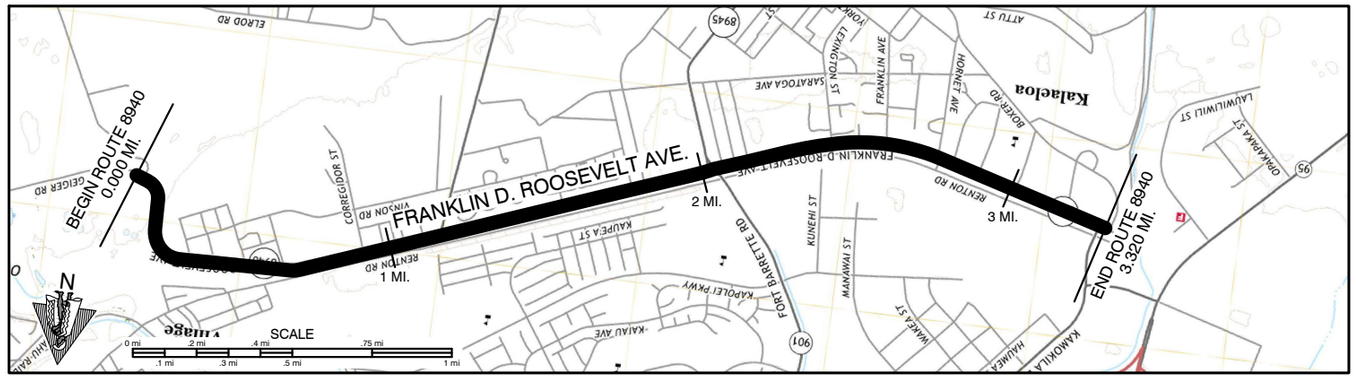
FRANKLIN D. ROOSEVELT AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 3.320 miles
a. Survey Length: 3.320 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

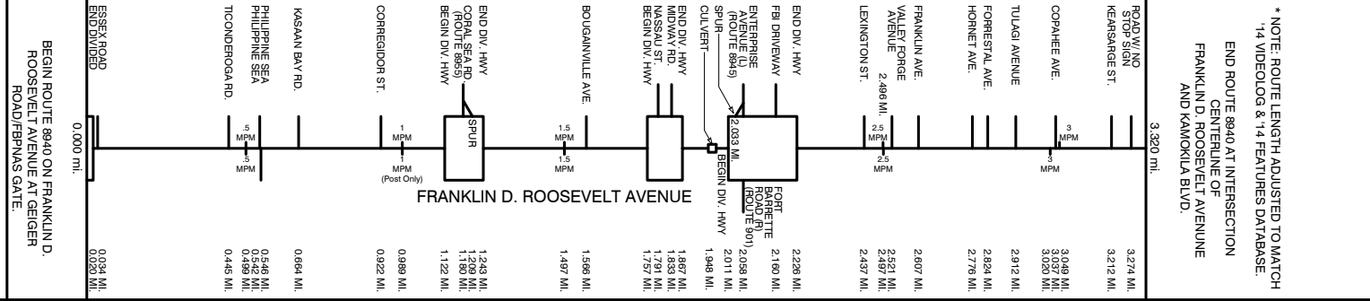
Structure Other Than Road
- Vertical Clearance
- Horizontal Clearance

- 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
* MPM=Milepost Marker



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END ROUTE 8940 AT INTERSECTION CENTERLINE OF FRANKLIN D. ROOSEVELT AVENUE AND KAMOKILA BLVD.

SCALE: (In Miles) 4" = 1 mile

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

- Number of Traffic Lanes
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (Right Side)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left)
- Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts Unless Otherwise Noted.
- Illumination: Type, Location and Number
- Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
- Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
- HOV Lanes/Contra-Flow Lanes
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: URBANIZED-LARGE (39889)
- Terrain: 1-Flat, 2-Rolling, 3-Mountainous
- Speed: 1-Design, 2-Posted
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Stations (Current Year): B72 8940 00120
- HPMS Sections - AADT 2023: 14,442
- HPMS Sections - AADT 2022: 14,094
- HPMS Sections - AADT 2021: 14,500
- DOD Sections
- Census Tracts
- Functional Classification: MINOR COLLECTOR (6)
- National Highway System (NHS): NOT ON NHS (0)
- Previous Projects: Project No., Date and Limits

Date Released
Nov. 2006, D.B.

Revised	
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B
2/21	E.P.J.

SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY

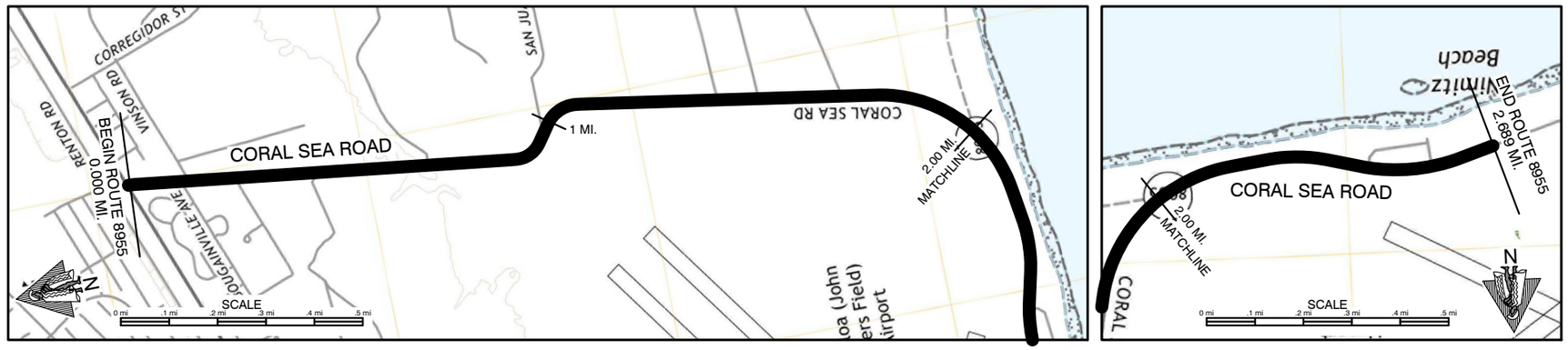
OAHU RTE 8955
CORAL SEA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 2.689 miles
a. Survey Length: 2.689 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 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)

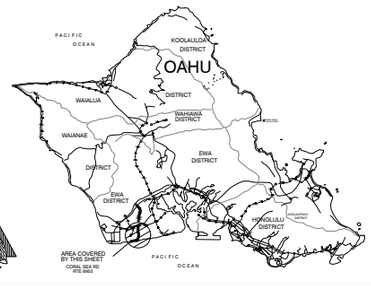
Right of Way Fence: Type - Right and Left
(CHAIN LINK FENCE 6' FROM E.P.) 0.24 | 0.59 0.61 0.70 CHAIN LINK FENCE 20' FROM E.P. 1.15 | CHAIN LINK FENCE 30' FROM E.P. 1.33 1.50 | 2.04 CHAIN LINK FENCE 10'-30' FROM E.P. 2.45 | CHAIN ON POSTS 6' FEP 2.45 2.51 | 2.61 (CHAIN ON POSTS 3' FROM E.P.) | 2.64 (CHAIN LINK FENCE 3' FROM E.P.)

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

BEGIN ROUTE 8955 ON CORAL SEA ROAD AT SOUTH EDGE OF PAVEMENT OF FRANKLIN D. ROOSEVELT AVENUE. 0.000 MI.

SPUR | BOUGAINVILLE AVE. | INDEPENDENCE ST. | SAN JUACINTO RD. | TAKANIS BAY RD. | TRIPOLI ST. | EISENHOWER RD. | PARK ENTRANCE ROAD

CORAL SEA ROAD

.5 MPM | 1 MPM | 1.5 MPM | 2.5 MPM

0.022 MI. | 0.119 MI. | 0.244 MI. | 0.499 MI. | 0.997 MI. | 0.967 MI. | 1.164 MI. | 1.494 MI. | 1.676 MI. | 1.980 MI. | 2.446 MI. | 2.500 MI. | 2.624 MI.

END ROUTE 8955 ON CORAL SEA ROAD AT CENTERLINE OF BARBERS POINT AIR STATION GATE (U.S. COAST GUARD ENTRANCE) 2.689 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

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 2.45 6' GRASS 2.61 3' GRASS
- Pavement: Width and Type — 28' AC 0.46 | 20' AC
- Shoulder: Width and Type — 6' GRASS 0.27 6' CORAL 0.70 10' CORAL 1.15 6' CORAL 1.49 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) — N/A

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

Protective Devices: Type, Location and Number — .867 A .025 (TEMP. CONC. BARRICADE)

Illumination: Type, Location and Number

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — AFEA .869 D .950 A .986 D .088 A .550 CB .620 A

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45) — A .438 B .000 A .770 B .002

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: URBANIZED-LARGE (39889)

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

Speed: 1-Design, 2-Posted — 35 MPH (2) | .640 .641 | 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — B72 8955 00024

HPMS Sections - AADT 2023 — 2,500

HPMS Sections - AADT 2022 — 3,400

HPMS Sections - AADT 2021 — 2,600

DOD Sections

Census Tracts

Functional Classification — MINOR COLLECTOR (6)

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

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

0 1 2 3

Date Released	
Dec. 2006,	D.B.

Revised	
9/10	D.B.
1/11	D.B.
2/12	D.B.
9/12	D.B.
8/14	D.B.
1/16	C.R.
1/17	C.R.
2/18	D.B
2/21	E.P.J