



STATE ROUTE SYSTEM

COUNTY OF HAWAII

ISLAND OF HAWAII

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

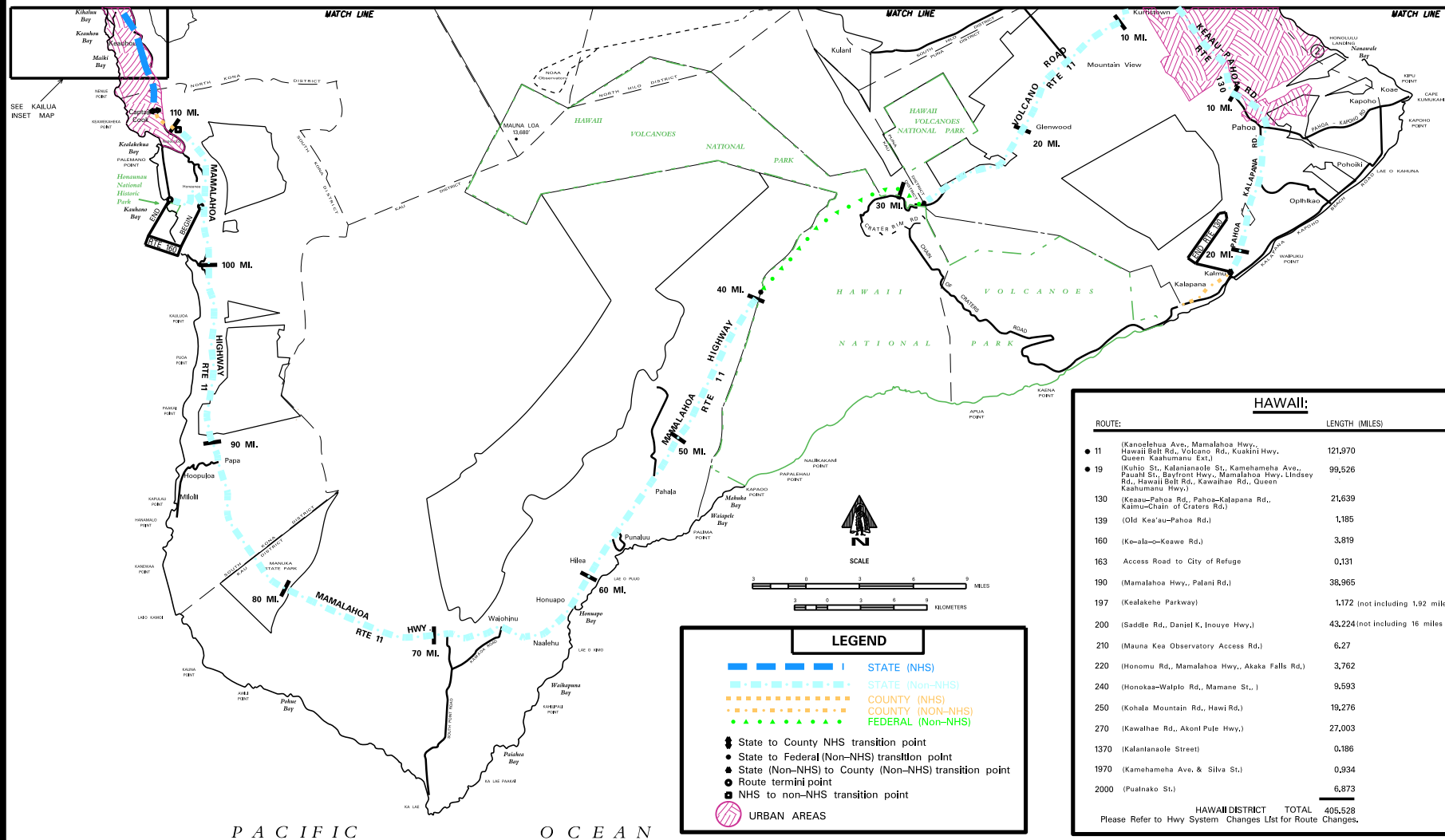
PREPARED BY THE HIGHWAYS DIVISION, PLANNING BRANCH

IN COOPERATION WITH THE

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

DECEMBER 2020



HAWAII:

ROUTE:	LENGTH (MILES)
● 11 (Kanoelohua Ave., Mamalahoe Hwy., Hawaii Belt Rd., Volcano Rd., Kuakini Hwy., Queen Kaahumanu Exd.)	121,970
● 19 (Kuliho St., Kalanianaʻole St., Kamehameha Ave., Pauahi St., Bayfront Hwy., Mamalahoe Hwy., Lindsey Rd., Hawaii Belt Rd., Kawaiahae Rd., Queen Kaahumanu Hwy.)	99,526
130 (Kesaau-Pahoa Rd., Pahoa-Kalapana Rd., Kaimu-Chain of Craters Rd.)	21,639
139 (Old Kea'au-Pahoa Rd.)	1,185
160 (Ke-ela-o-Keawe Rd.)	3,819
163 Access Road to City of Refuge	0,131
190 (Mamalahoe Hwy., Palani Rd.)	38,965
197 (Kealahake Parkway)	1,172 (not including 1.92 miles Proposed)
200 (Saddle Rd., Daniel K. Inouye Hwy.)	43,224 (not including 16 miles Proposed)
210 (Mauna Kea Observatory Access Rd.)	6,27
220 (Honoum Rd., Mamalahoe Hwy., Akaka Falls Rd.)	3,762
240 (Honokaa-Waipio Rd., Mamane St.,)	9,593
250 (Kohala Mountain Rd., Hawi Rd.)	19,276
270 (Kawaiahae Rd., Akoni Pule Hwy.)	27,003
1370 (Kalanianaʻole Street)	0,186
1970 (Kamehameha Ave. & Silva St.)	0,934
2000 (Pualaka St.)	6,873
HAWAII DISTRICT TOTAL	405,528
Please Refer to Hwy System Changes List for Route Changes.	

Date Released	Revised
1/1/01	2/1/01
1/1/02	2/1/02
1/1/03	2/1/03
1/1/04	2/1/04
1/1/05	2/1/05
1/1/06	2/1/06
1/1/07	2/1/07
1/1/08	2/1/08
1/1/09	2/1/09
1/1/10	2/1/10
1/1/11	2/1/11
1/1/12	2/1/12
1/1/13	2/1/13
1/1/14	2/1/14
1/1/15	2/1/15
1/1/16	2/1/16
1/1/17	2/1/17
1/1/18	2/1/18
1/1/19	2/1/19
1/1/20	2/1/20

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STATE ROUTE SYSTEM

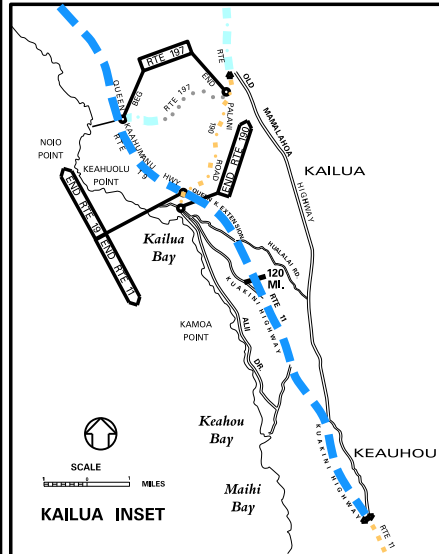
COUNTY OF HAWAII

ISLAND OF HAWAII

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 2020

LEGEND

- STATE (NHS)
- STATE (Non-NHS)
- COUNTY (NHS)
- COUNTY (Non-NHS)
- PROPOSED
- State to County NHS transition point
- Route terminus point
- NHS to non-NHS transition point
- State (Non-NHS) to County (Non-NHS) transition point
- URBAN AREA





STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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FEDERAL HIGHWAY ADMINISTRATION
DECEMBER 2020

DECEMBER 2020

P A C I F I C

O C E A N



SCA

Year	Number of people (millions)
2000	2000
2005	2500
2010	3000

 FE

LEGEND

-
- STATE (NHS)
 - STATE (Non-NHS)
 - COUNTY (NHS)
 - COUNTY (NON-NHS)
 - PROPOSED
 - Route terminus point
 - STATE to COUNTY transition point

Date Released	
Dec. 2002, AK	
Revised	
Feb. 03	DB
May 05	DB
Feb. 08	DB
Feb. 11	DB
Feb. 12	DB
Dec. 13	CPJ
Dec. 14	CPJ
Jan. 16	CPJ
Jan. 17	CPJ
Feb. 18	DB
Nov. 18	DB
Dec. 20	CPJ

ROAD INVENTORY HAWAII RTE 11 VOLCANO ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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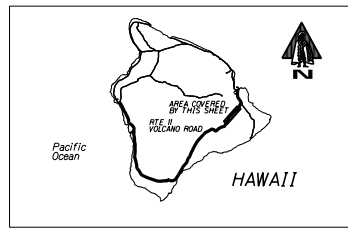
Total Route Length: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

Right of Way Width (min.-max.) $\bar{P}$ 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



Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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)

Skewwalk: Width and Type (Right and Left)

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

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

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(13.85-26.62) F(>26.62)

Superelevation (Range)

Grades Class: +/- % (A(0-4.5) B(4.5-2.45) 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

Traffic Stations (Current Year)

HPMS Sections - AADT 2019

HPMS Sections - AADT 2017

HPMS Sections - AADT 2017

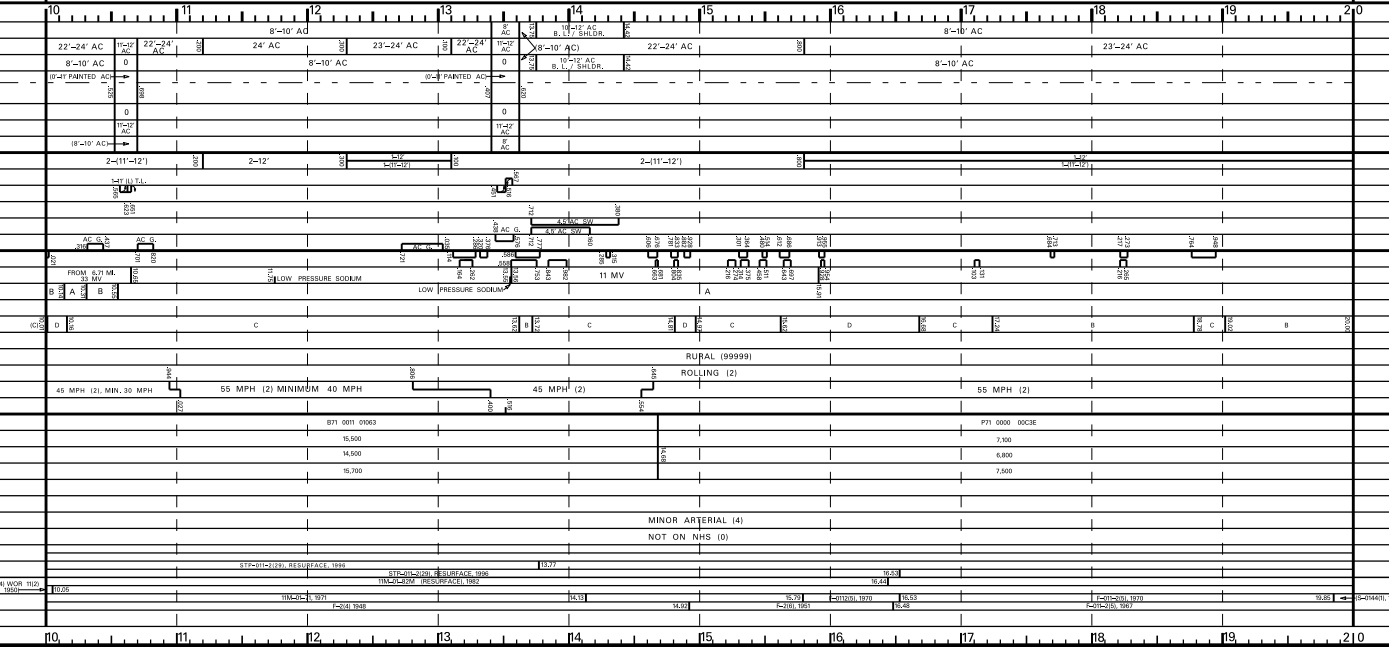
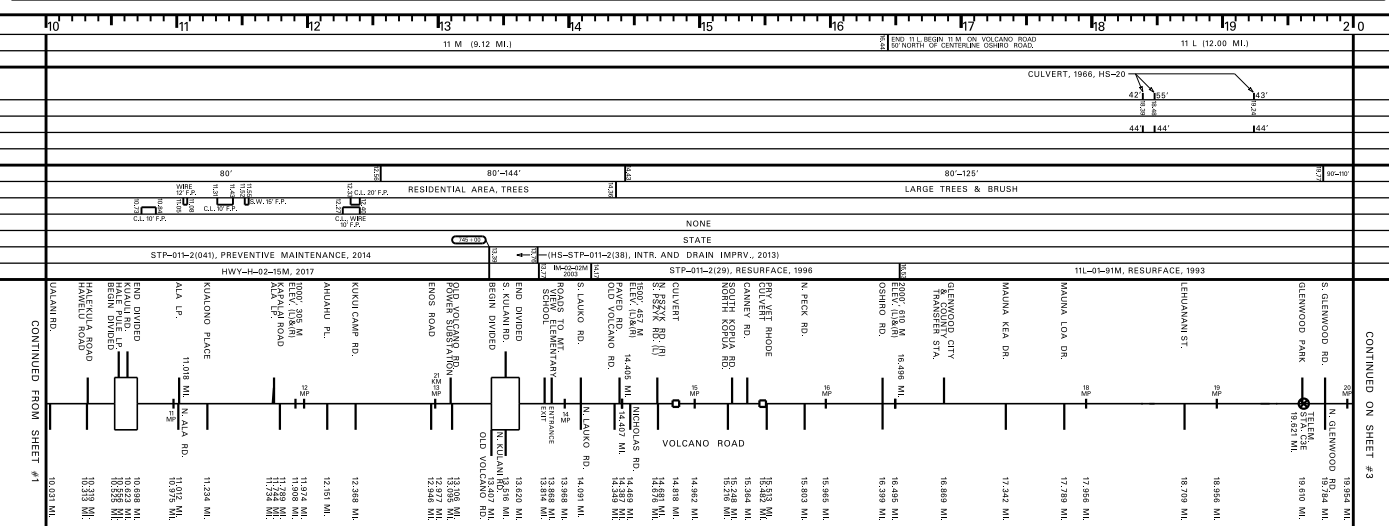
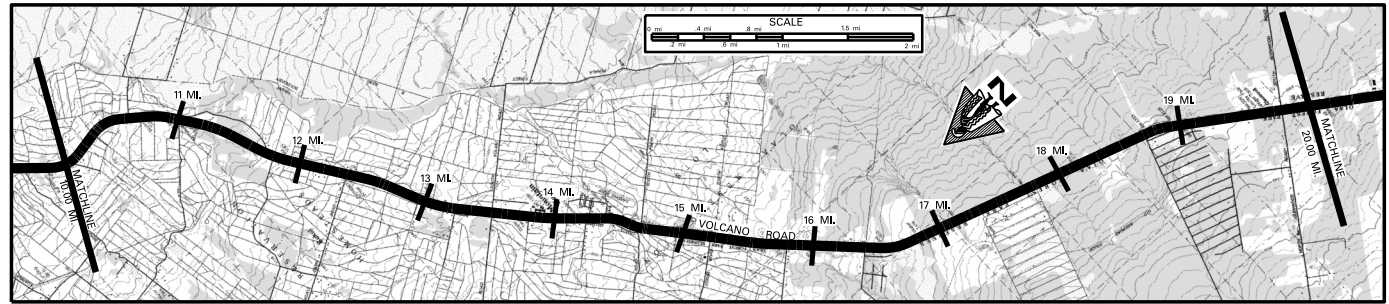
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

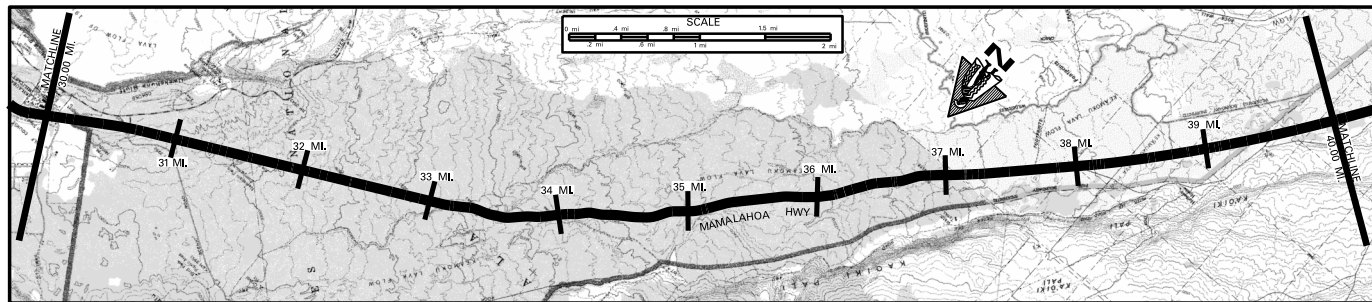


SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 11 MAMALAHOA HIGHWAY

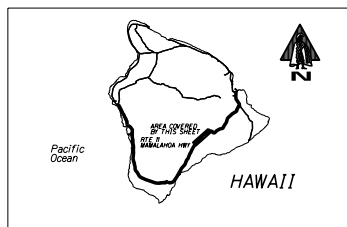
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HIGHWAYS DIVISION
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Total Route Length: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.00 miles
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SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description		30	31	32	33	34	35	36	37	38	39	40
Structure Carrying Road	11 K (12.52 MI.)	END: 11 K BEGN. 11 K ON MAMALAHOA HWY 1/2 MI. SOUTH OF CENTERLINE CL CRATER RIM RD. 800' PARK RD. AT THE CONTROL SECTION MARKER										11 H (11.26 MI.)
	BRIDGES (Over 20'): Length, Type, Capacity and Year Constructed											
	Vertical Clearance											
	Horizontal Clearance											
Right of Way	Right of Way Width (min.-max.) P varies											
	Available Right of Way Width (Needs Study)	LARGE TREES AND BRUSH										BUSHES & TREES IN LAVA ROCK
	Right of Way Fence: Type - Right and Left	NONE										IMBE ON WOOD 10' FROM PAVEMENT L&R
	Control of Access: 1-None, 2-Partial, 3-Full	NONE										
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		FEDERAL (STATE MAINTAINED)										STATE
Project No., Type of Construction, and Year Constructed		11K-01-23M (R), 2009										11H-01-21M (R), 2015
Project No., Type of Construction, and Year Constructed		11K-01-23M (R), 1991										11H-01-21M (R), 2015



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #3

CONTINUED ON SHEET #5

SCALE: (In Miles) 2" = 1 mile		30	31	32	33	34	35	36	37	38	39	40
Shoulder: Width and Type	Shoulder: Width and Type	2'-4" AC										2'-4" AC
	Pavement: Width and Type	2'-4" AC										2'-4" AC
	Shoulder: Width and Type	2'-4" AC										2'-4" AC
	Median: Width and Type	2'-4" AC										2'-4" AC
Median Barriers	Median Barriers	2'-4" AC										2'-4" AC
	Shoulder: Width and Type	2'-4" AC										2'-4" AC
	Pavement: Width and Type	2'-4" AC										2'-4" AC
	Shoulder: Width and Type	2'-4" AC										2'-4" AC
Number of Traffic Lanes		2-(11'-12')										2-(11'-12')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)												
Frontage Road: No. of Lanes, and Width (Right and Left)												
Skiway: Width and Type (Right and Left)												
Curb and/or Gutter: Type (Right and Left)												
Protective Devices: Type, Location and Number		ALL GUARDRAILS METAL ON METAL UNLESS OTHERWISE NOTED										
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(0-4.5) B(4.5-2.45) 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												
Traffic Stations (Current Year)												
HPMS Sections AADT 2019												
HPMS Sections AADT 2018												
HPMS Sections AADT 2017												
DOD Sections												
Census Tracts												
Functional Classification												
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits												

SCALE: (In Miles) 2" = 1 mile

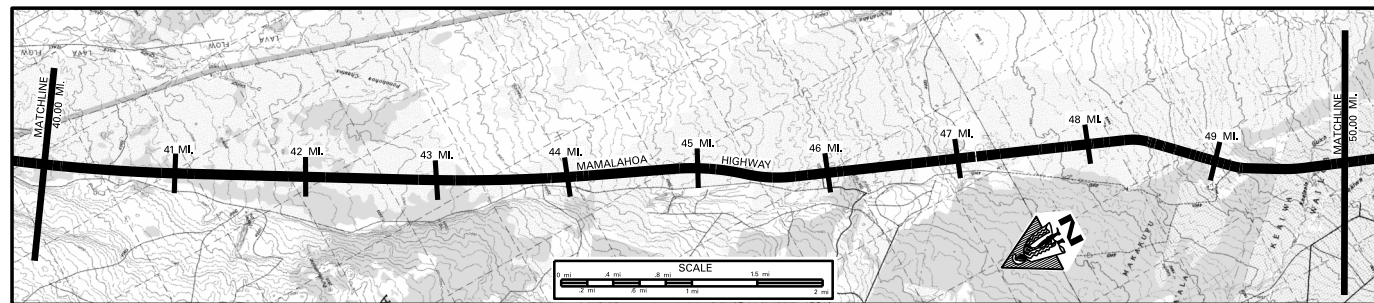
Date Released	Revised
JUNE 05 D.R.	6/06 D.B.
	9/09 D.B.
	2/11 D.B.
	2/12 D.B.
	9/12 E.P.J.
	6/13 E.P.J.
	12/13 E.P.J.
	7/14 D.B.
	1/16 E.P.J.
	2/18 D.B.
	1/18 D.B.
	12/19 D.B.
	12/20 E.P.J.

ROAD INVENTORY OAHU RTE 11 MAMALAHOA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

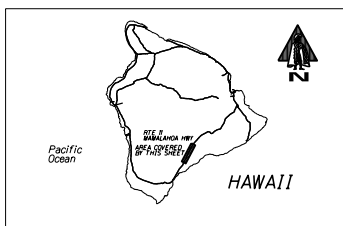
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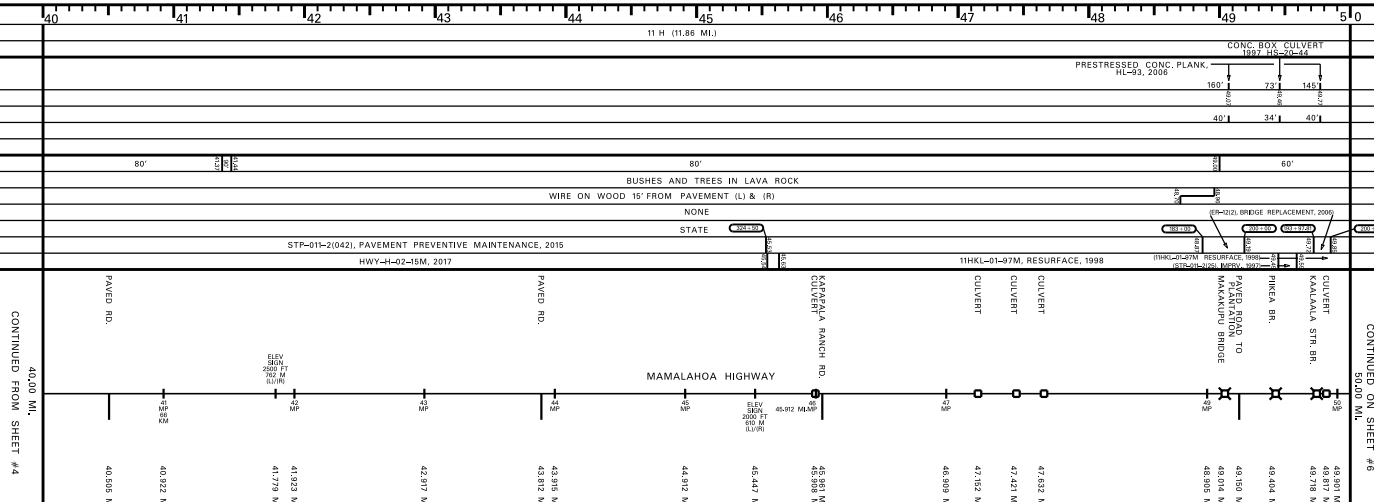


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description	
Structures Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Vertical Clearance	
Horizontal Clearance	
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	

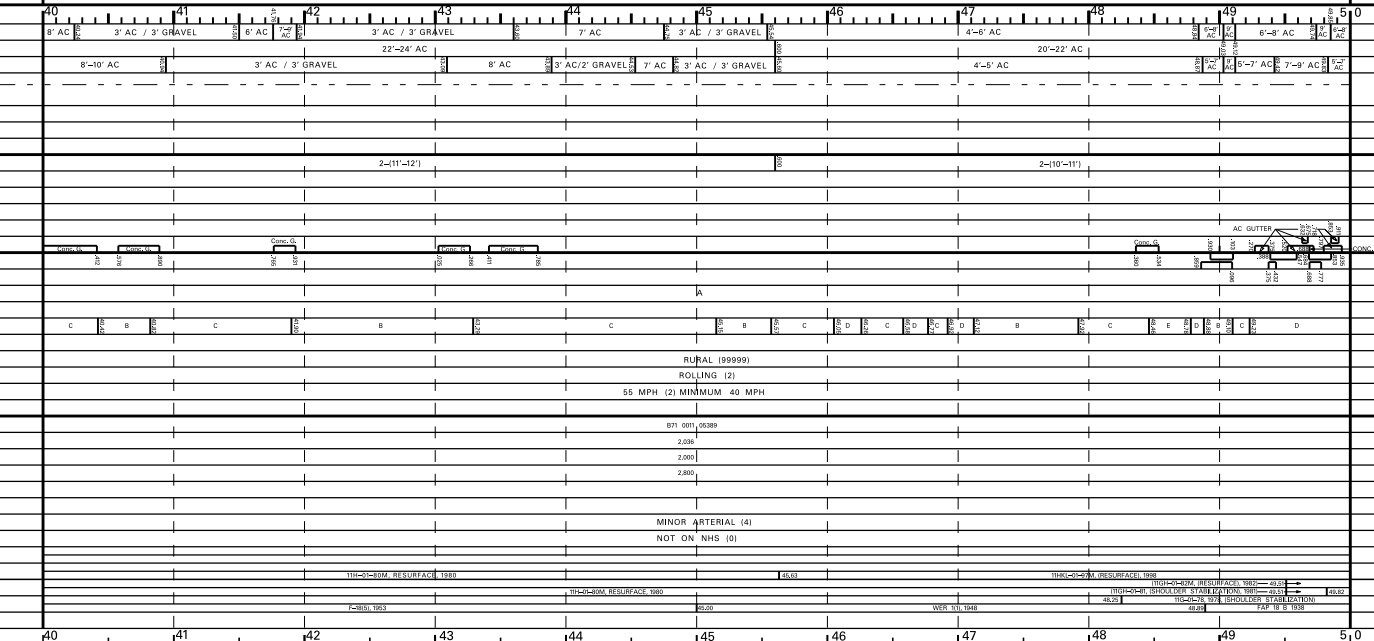


Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

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)	
Skewwalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	ALL GUARDRAILS METAL ON METAL UNLESS OTHERWISE NOTED
Illumination: Type, Location and Number	
Curves Class: +/- Degree (A)(0-3.45) B(3.45-6.44) C(6.44-8.48) D(8.48-13.85) E(13.85-28.62) F(>28.62)	
Superelevation (Range)	
Grades Class: +/- % (A)(0-4.5) B(4.5-2.45) 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	
Traffic Stations (Current Year)	
HPMS Sections - AADT 2019	
HPMS Sections - AADT 2018	
HPMS Sections - AADT 2017	
DOD Sections	
Census Tracts	
Functional Classification	
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	



SCALE: (In Miles) 2" = 1 mile

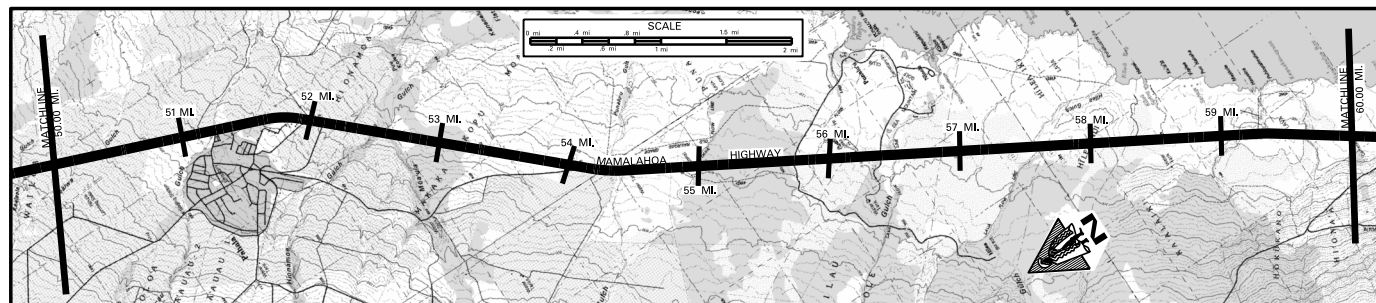
Date Released	Revised
June 2005, D.R.	6/06 D.B.
	1/07 D.B.
	9/09 D.B.
	2/11 D.B.
	2/12 D.B.
	9/12 E.P.J.
	1/13 E.P.J.
	12/13 E.P.J.
	7/14 D.B.
	1/16 E.P.J.
	2/18 D.B.
	10/18 D.B.
	12/19 D.B.
	12/20 E.P.J.

ROAD INVENTORY HAWAII RTE 11 MAMALAHOA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

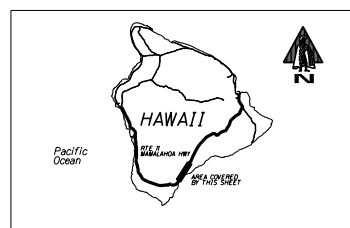
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Total Route Length: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description		11 H (11.86 MI.)	11G (9.20 MI.)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	PRECAST PLANK 2007, H-15	PRESTRESSED CONC. PLANKS 2003, H-15
	Vertical Clearance	123'4"	126'
	Horizontal Clearance	140'	140'
	Vertical Clearance	140'	140'
Right of Way	Right of Way Width (min.-max.)	60'	60'
	Available Right of Way Width (Needs Study)	BUSHES AND TREES ON LAVA ROCK	BUSHES AND LARGE TREES ON LAVA ROCK CUT SLOPES
	Right of Way Fence: Type - Right and Left	WIRE ON WOOD 15' FROM PAVEMENT (L) & (R)	WIRE ON WOOD 15' FROM PAVEMENT (L) & (R)
	Control of Access: 1-None, 2-Partial, 3-Full	NONE	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STATE	STATE
Project No., Type of Construction, and Year Constructed		11G-01-01M, 1992	11G-01-01M, 1992
Project No., Type of Construction, and Year Constructed		11G-01-01M, 1992	11G-01-01M, 1992



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #5

CONTINUED ON SHEET #7

SCALE: (In Miles) 2" = 1 mile		50	51	52	53	54	55	56	57	58	59	60
Shoulder Highway	Shoulder: Width and Type	4'-8" AC	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS
	Pavement: Width and Type	19'-20" AC	19'-20" AC	19'-20" AC	19'-20" AC	19'-20" AC	19'-20" AC	19'-20" AC	19'-20" AC	19'-20" AC	19'-20" AC	19'-20" AC
	Shoulder: Width and Type	4'-8" AC	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS
	Median: Width and Type	4'-8" AC	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS	4'-8" GRASS
Number of Traffic Lanes		2-(9'-10')	2-(9'-10')	2-(9'-10')	2-(9'-10')	2-(9'-10')	2-(9'-10')	2-(9'-10')	2-(9'-10')	2-(9'-10')	2-(9'-10')	2-(9'-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)												
Skewwalk: Width and Type (Right and Left)												
Curb and/or Gutter: Type (Right and Left)												
Protective Devices: Type, Location and Number												
ALL GUARDRAILS METAL ON METAL UNLESS OTHERWISE NOTED												
Illumination: Type, Location and Number												
Curves (Class: +/- Degree (A10-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-26.82) F(<26.82))												
Superelevation (Range)												
Grades (Class: +/- % (A10-4.5) B(4.5-2.45) 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												
Traffic Stations (Current Year)												
HPMS Sections - AADT 2019												
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DOD Sections												
Census Tracts												
Functional Classification												
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits												

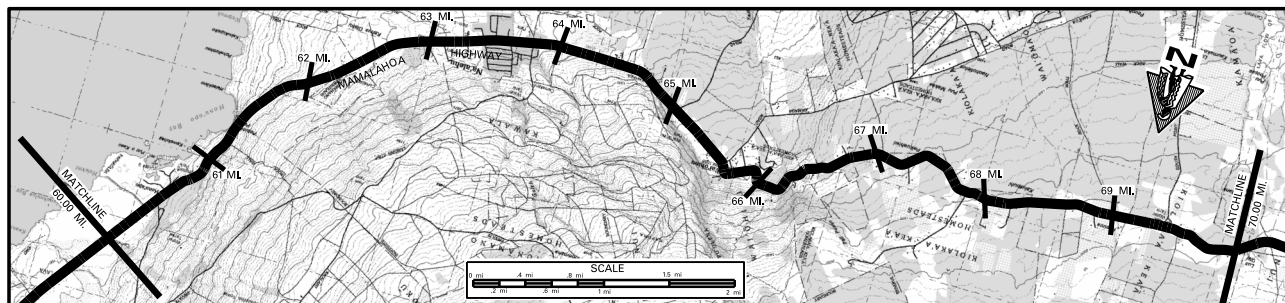
SCALE: (In Miles) 2" = 1 mile

Date Released	Revised
Jan. 2006, D.B.	6/06 D.B.
	4/09 D.B.
	9/30 D.B.
	2/11 D.B.
	2/12 D.B.
	9/12 E.P.J.
	1/13 E.P.J.
	12/13 E.P.J.
	7/14 D.B.
	1/16 E.P.J.
	6/17 E.P.J.
	2/18 D.B.
	11/18 D.B.
	12/19 D.B.
	12/20 E.P.J.

ROAD INVENTORY HAWAII RTE 11 MAMALAHOA HIGHWAY

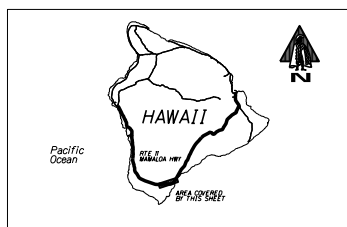
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Total Route Length: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description		60	61	62	63	64	65	66	67	68	69	70			
Structure Carrying Road		11G (9.20 MI.) END 11F - BEGIN 11G ON MAMALAHOA HWY AT CENTER-LINE INTERSECTION WITH HONOLULU WHARF RD.											11F (8.98 MI.)	END 11E - BEGIN 11F ON MAMALAHOA HWY 72 WEST OF CENTER-LINE INTERSECTION WITH SOUTH POINT ACCESS ROAD.	11E (9.31 MI.)
	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	SLAB 1940, H-15													
	Vertical Clearance	144'													
	Horizontal Clearance	124'													
	Vertical Clearance	124'													
Right of Way	Right of Way Width (min., max.) & varies	60'													
	Available Right of Way Width (Needs Study)	BUSHES, LARGE TREES ON LAVA ROCK CUT SLOPES													
	Right of Way Fence: Type - Right and Left	ROCK WALL, FENCE, ROCK WALL, FENCE,													



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #6

CONTINUED ON SHEET #8

UNCLASSIFIED Highway	Shoulder: Width and Type	SCALE: (In Miles) 2" = 1 mile												60	61	62	63	64	65	66	67	68	69	70																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Pavement: Width and Type	4'-6" AC												4'-6" AC	4'-6" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" GRASS	10'-10" 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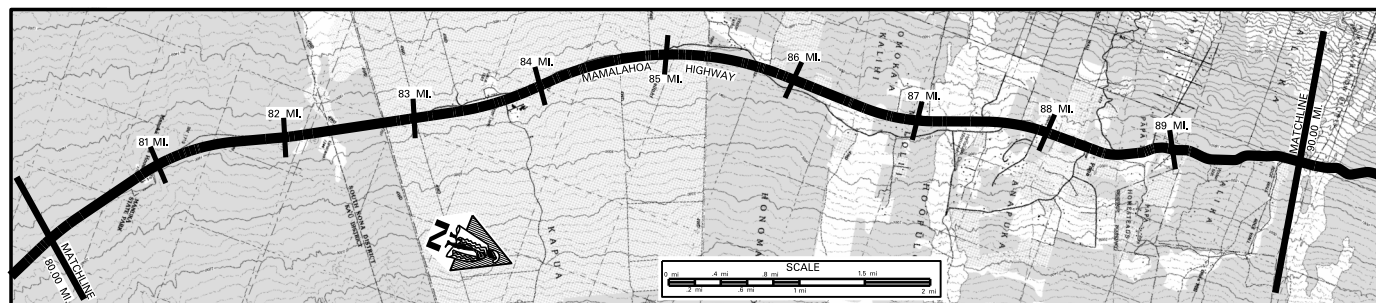
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 11 MAMALAHOA HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

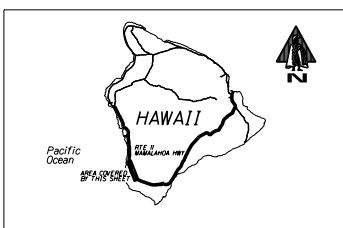
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 121.970 miles
a. Survey Length: 121.970 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		80	81	82	83	84	85	86	87	88	89	90
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed											
	Vertical Clearance											
	Horizontal Clearance											
	Vertical Clearance											
Right of Way	Right of Way Width (min., max.)											
	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												



Road Diagram
* MP = Milepost Signage

Underside Highway	Shoulder: Width and Type	SCALE: (In Miles) 2" = 1 mile												80	81	82	83	84	85	86	87	88	89	90	
	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 GUARDRAILS METAL ON METAL UNLESS OTHERWISE NOTED																								
Illumination: Type, Location and Number																									
Curves Class: +/- Degree (A(0-3.45) B(3.45-6.44) 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(4.45-2.45) 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																									
Traffic Stations (Current Year)																									
HPMS Sections - AADT 2019																									
HPMS Sections - AADT 2018																									
HPMS Sections - AADT 2017																									
DOD Sections																									
Census Tracts																									
Functional Classification																									
National Highway System (NHS)																									
Previous Projects: Project No., Date and Limits																									

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 11 MAMALAHOA 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

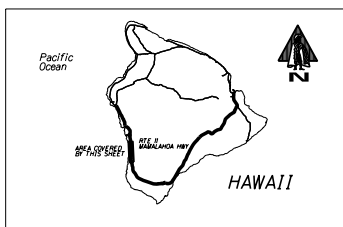
Total Route Length: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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



Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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)

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

Skewwall: 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(3.45-6.44) C(6.44-8.48) D(8.48-13.85) E(13.85-28.62) F(>28.62)

Superelevation (Range)

Grades Class: +/- % (A(0-4.5) B(4.5-2.45) 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

Traffic Stations (Current Year)

HPMS Sections AADT 2019

HPMS Sections AADT 2018

HPMS Sections AADT 2017

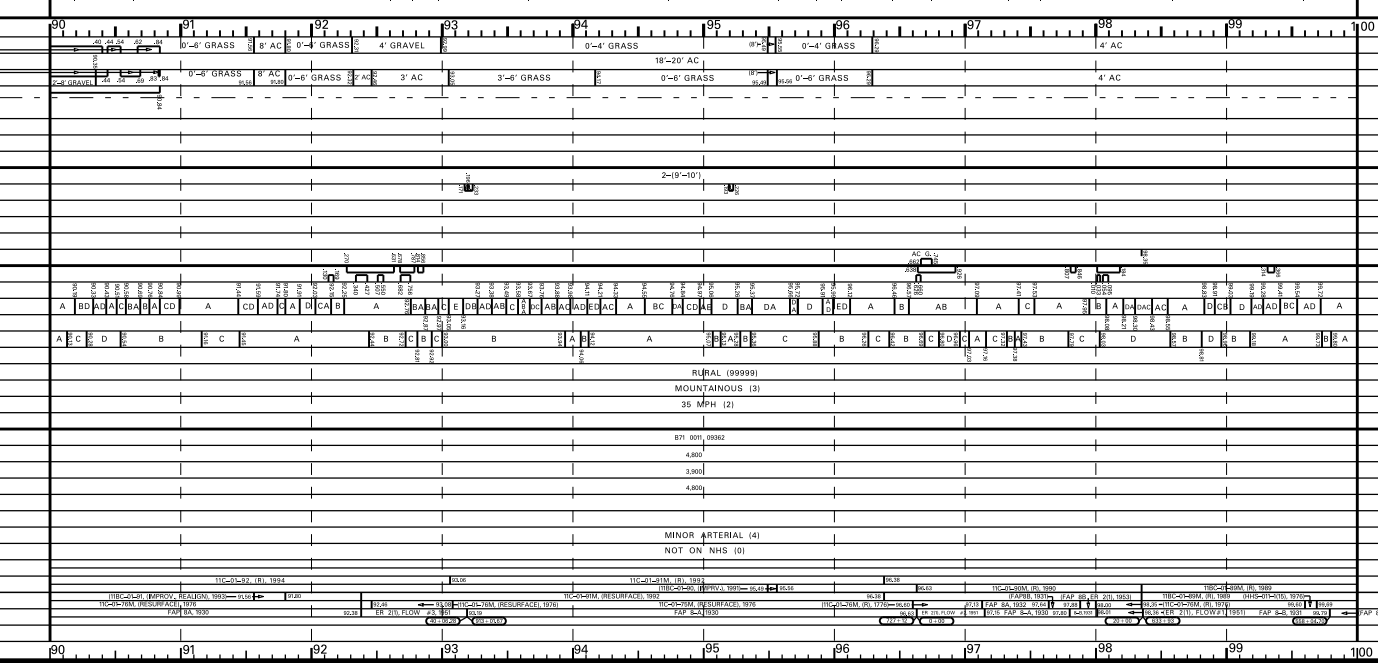
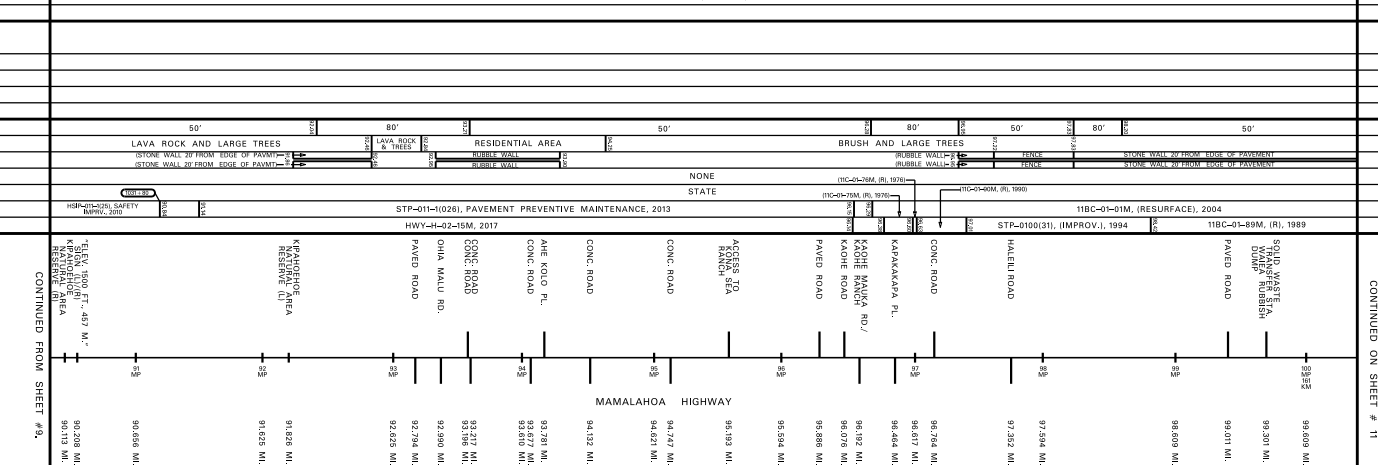
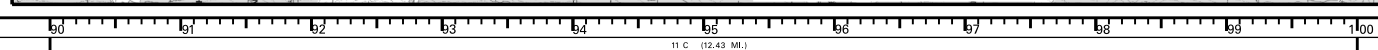
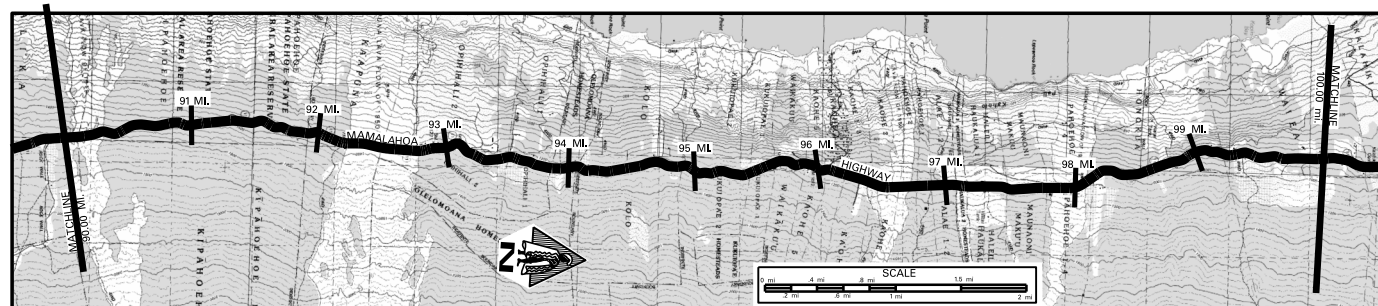
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 11 MAMALAOHA HWY KUAKINI HWY, QUEEN KAAHUMANU EXT.

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

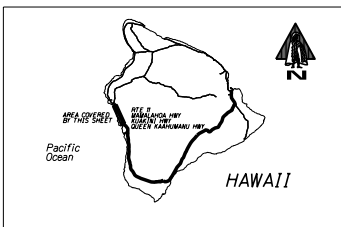
Total Route Length: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

Right of Way Width (min.-max.) 8' 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



Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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)

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

Skewwalk: 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(0-4.5) B(4.5-2.45) 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

Traffic Stations (Current Year)

HPMS Sections - AADT 2019

HPMS Sections - AADT 2018

HPMS Sections - AADT 2017

DOD Sections

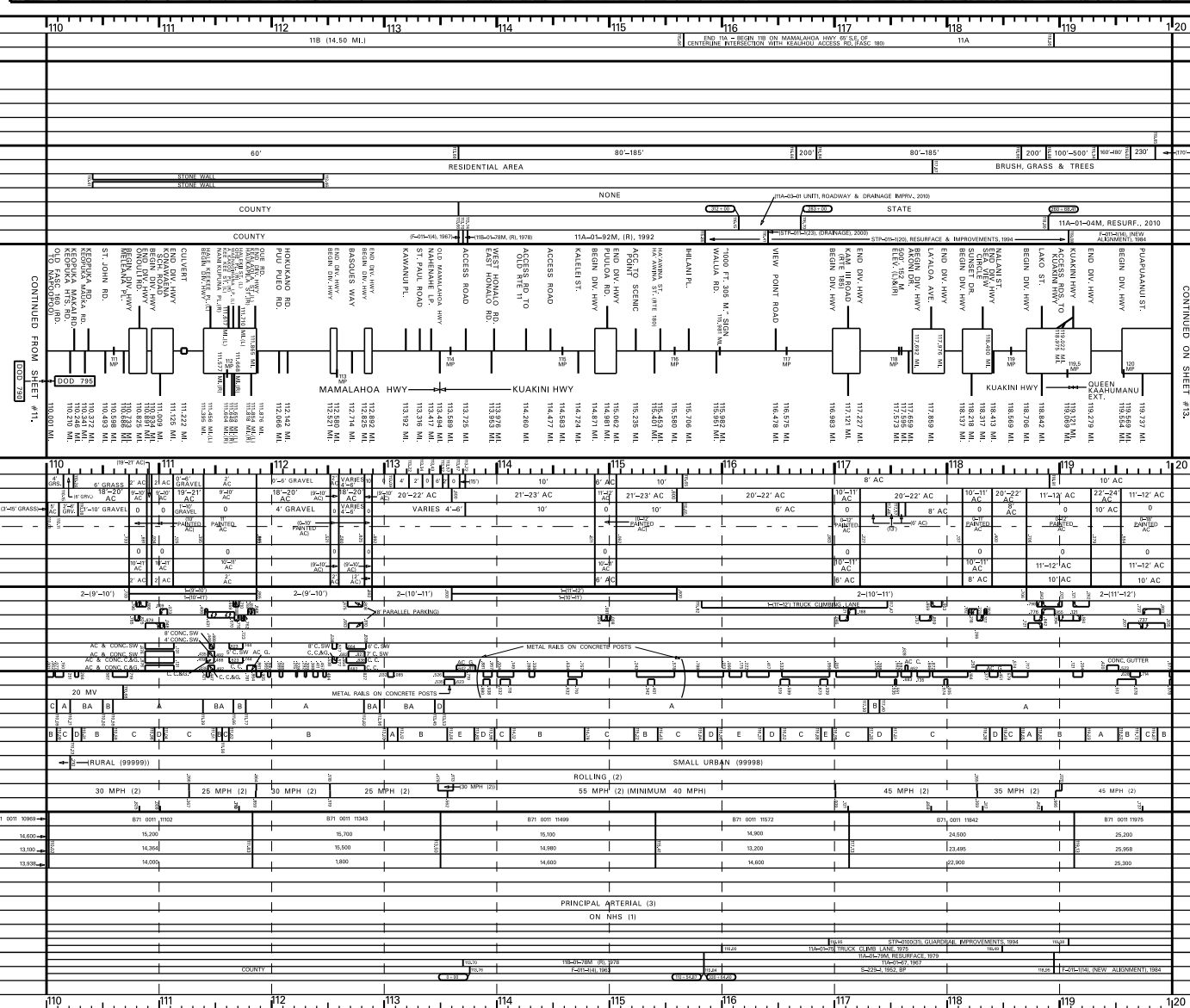
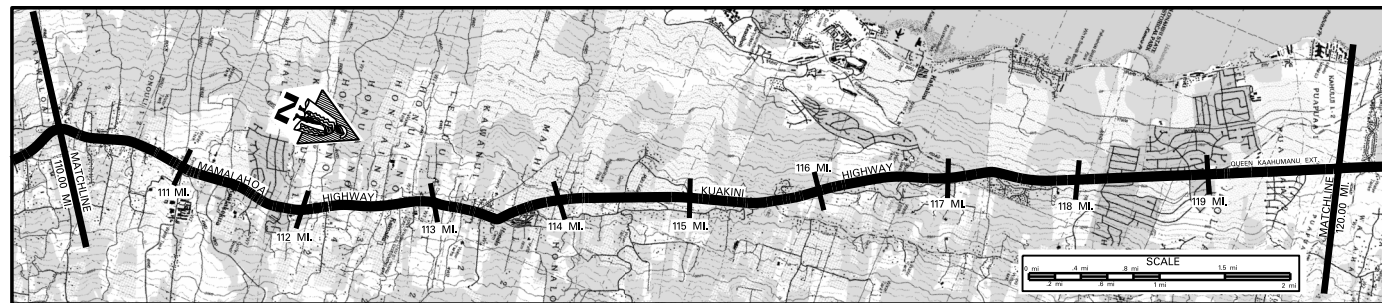
Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

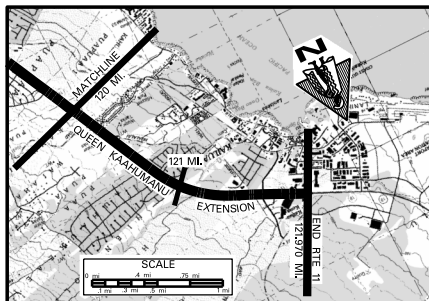


ROAD INVENTORY HAWAII RTE 11 QUEEN KAAHUMANU EXT.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

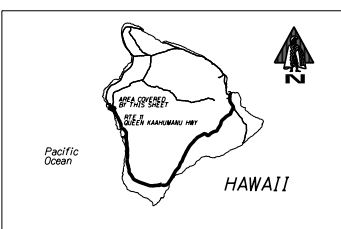
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Total Route Length: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles

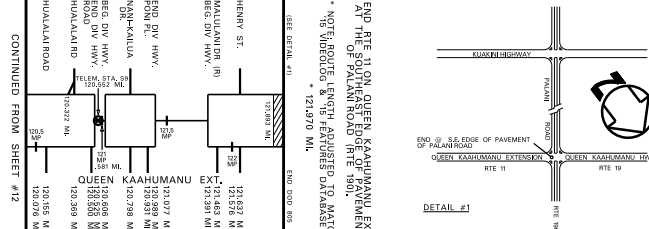


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description		120	121	122	123	124	125	126	127	128	129	130
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	S CELL BOX CULVERT 1884, HS-15-14										
	Vertical Clearance	178'										
	Horizontal Clearance											
	Vertical Clearance											
Right of Way	Right of Way Width (min., max.) & varies	178'-450'										
	Available Right of Way Width (Needs Study)	BRUSH, GRASS & TREES										
	Right of Way Fence: Type - Right and Left	(11A-01-04M, RESURF, 2010)										
	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		(6-01-HAL, NEW ALIGNMENT, 1984)										
Project No., Type of Construction, and Year Constructed		(6-01-HAL, NEW ALIGNMENT, 1984)										



Road Diagram
* MP = Milepost Signage

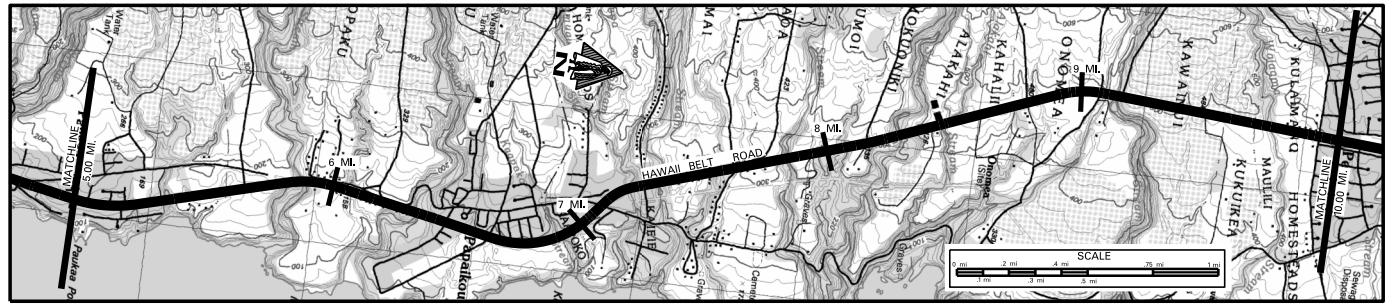


SCALE: (In Miles) 2" = 1 mile		120	121	122	123	124	125	126	127	128	129	130
Unimproved Highway	Shoulder: Width and Type	11'-12" AC										
	Pavement: Width and Type	12' AC										
	Shoulder: Width and Type	12' AC										
	Median: Width and Type	0-12' AC										
	Median Barriers	PAINTED										
Shoulder Highway	Shoulder: Width and Type	0										
	Pavement: Width and Type	11'-12" AC										
	Shoulder: Width and Type	10' AC										
	Pavement: Width and Type	12' AC										
	Shoulder: Width and Type	10' AC										
Number of Traffic Lanes		2 (11'-12")										
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		12' AC										
(Right Side)		12' AC										
Frontage Road: No. of Lanes, and Width (Right and Left)		12' AC										
Sidewalk: Width and Type (Right and Left)		12' AC										
Curb and/or Gutters: Type (Right and Left)		12' AC										
Protective Devices: Type, Location and Number		ALL GUARDRAILS METAL ON METAL UNLESS OTHERWISE NOTED										
Illumination: Type, Location and Number		SMALL URBAN (99998)										
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)		ROLLING (2)										
Superelevation (Range)		45 MPH (2)										
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)		35 MPH (2)										
Vertical Curve: Crest or Sag, Curve Limits		SMALL URBAN (99998)										
Area and Development		ROLLING (2)										
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		45 MPH (2)										
Speed: 1-Design, 2-Posted		35 MPH (2)										
Intersection Control Devices: Type, Location and Cycle Timing		45 MPH (2)										
Traffic Stations (Current Year)		45 MPH (2)										
HPMS Sections - AADT 2019		45 MPH (2)										
HPMS Sections - AADT 2018		45 MPH (2)										
HPMS Sections - AADT 2017		45 MPH (2)										
DOD Sections		45 MPH (2)										
Census Tracts		45 MPH (2)										
Functional Classification		45 MPH (2)										
National Highway System (NHS)		45 MPH (2)										
Previous Projects: Project No., Date and Limits		45 MPH (2)										
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ROAD INVENTORY HAWAII RTE 19 HAWAII BELT 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

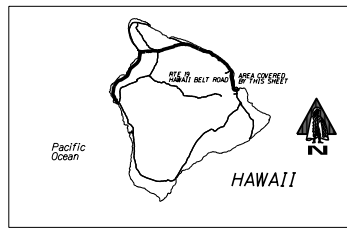
Total Route Length: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure	Spanning Road	Length	Description
Bridges (Over 20')	Length, Type, Capacity and Year Constructed		
Vertical Clearance			
Horizontal Clearance			
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			



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1

CONTINUED ON SHEET #3

SCALE: (In Miles) 4" = 1 mile

Shoulder	Width and Type	Pavement	Width and Type	Median	Width and Type	Median Barrier	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 NOTED OTHERWISE)												
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(0-4.5) B(4.5-2.45) 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												
Traffic Stations (Current Year)												
HPMS Sections - AADT 2019												
HPMS Sections - AADT 2018												
HPMS Sections - AADT 2017												
DOD Sections												
Census Tracts												
Functional Classification												
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits												

SCALE: (In Miles) 4" = 1 mile

Date Released	Revision
Feb. 2006, D.B.	
3/06, G.N.	
12/09, D.B.	
2/11, D.B.	
2/12, D.B.	
9/12, E.P.J.	
9/13, E.P.J.	
12/13, E.P.J.	
7/14, D.B.	
9/16, E.P.J.	
1/17, E.P.J.	
2/18, D.B.	
10/18, D.B.	
12/20, E.P.J.	

ROAD INVENTORY HAWAII RTE 19 HAWAII BELT ROAD

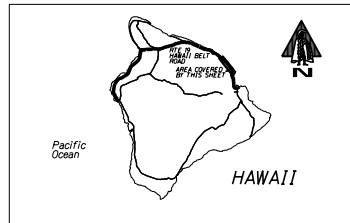
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

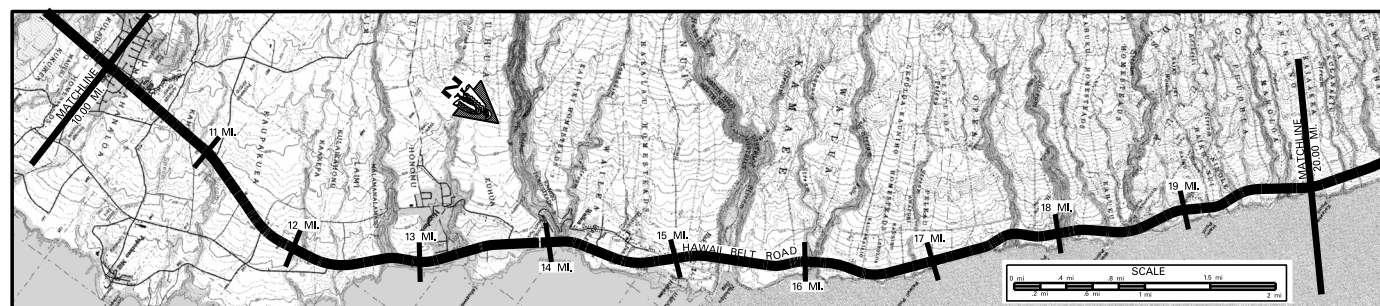
Total Route Length: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

SCALE: (In Miles) 2" = 1 mile

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



Indicates Grass & / or Physical Barrier on Median.
Road Diagram
* MP = Milepost Signage



Maintenance Control Sections : Length and Description	
Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min., max., & 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	

Maintenance Control Sections : Length and Description	
Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min., max., & 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	

Maintenance Control Sections : Length and Description	
Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min., max., & 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	

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

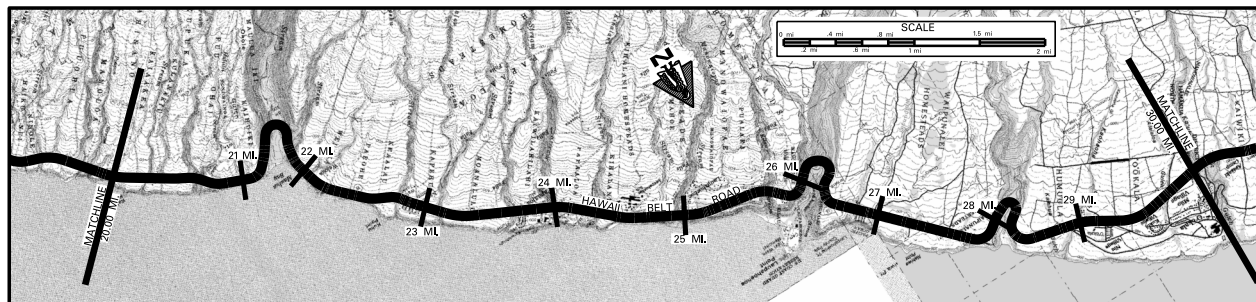
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 19 HAWAII BELT ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

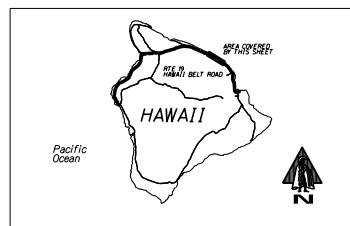
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 99.526 miles
a. Survey Length: 99.526 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		20	21	22	23	24	25	26	27	28	29	30
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	124' ROAD 1977	100' ROAD 1977	100' ROAD 1977	100' ROAD 1977	100' ROAD 1977	100' ROAD 1977	100' ROAD 1977	100' ROAD 1977	100' ROAD 1977	100' ROAD 1977	100' ROAD 1977
	Vertical Clearance	12'	12'	12'	12'	12'	12'	12'	12'	12'	12'	12'
	Horizontal Clearance	12'	12'	12'	12'	12'	12'	12'	12'	12'	12'	12'
	Vertical Clearance	12'	12'	12'	12'	12'	12'	12'	12'	12'	12'	12'
Right of Way	Right of Way Width (min.-max.) P varies	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'
	Available Right of Way (Needs Study)	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'
	Right of Way Fence: Type - Right and Left	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'
	Control of Access: 1-None, 2-Partial, 3-Full	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'
Project No., Type of Construction, and Year Constructed		100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'
Project No., Type of Construction, and Year Constructed		100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'	100' - 100'



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #3

CONTINUED ON SHEET #5

SCALE: (In Miles) 2" = 1 mile		20	21	22	23	24	25	26	27	28	29	30
Shoulder	Width and Type	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Pavement Width and Type	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Median Width and Type	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Median Barriers	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
Number of Traffic Lanes	Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	(Right Side)	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Frontage Road: No. of Lanes, and Width (Right and Left)	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Skewback: Width and Type (Right and Left)	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
Protective Devices: Type, Location and Number	Curb and/or Gutter: Type (Right and Left)	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	ALL METAL ON METAL (UNLESS NOTED OTHERWISE)	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	ILLUMINATION: Type, Location and Number	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Curves Class: +/- Degree (A(0-345) B(345-644) C(644-848) D(848-1385) E(1385-2862) F(>2862)	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
Superelevation (Range)	Grades Class: +/- % (A(0-45) B(45-245) C(245-445) D(445-645) E(645-845) F(>845)	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Vertical Curve: Crest or Sag, Curve Limits	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Area and Development	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Terrain: 1-Flat, 2-Rolling, 3-Mountainous	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
Speed: 1-Design, 2-Posted	Intersection Control Devices: Type, Location and Cycle Timing	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Traffic Stations (Current Year)	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	HPMS Sections AADT 2019	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	HPMS Sections AADT 2018	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
Functional Classification	HPMS Sections AADT 2017	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	DOD Sections	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	Census Tracts	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
	National Highway System (NHS)	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC
Previous Projects: Project No., Date and Limits		6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC	6' AC

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 19 HAWAII BELT 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: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

SCALE: (In Miles) 2" = 1 mile

Structure
Carrying
Road

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

Vertical Clearance
Horizontal Clearance
Vertical Clearance
Horizontal Clearance

Right of Way Width (min.-max.) # 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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

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Project No., Type of Construction, and Year Constructed

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Indicates Grass & / or
Physical Barrier on Median.
Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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)

Skewwalk: 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 NOTED OTHERWISE)

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(0-4.5) B(4.5-2.45) 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

Traffic Stations (Current Year)

HPMS Sections - AADT 2019

HPMS Sections - AADT 2018

HPMS Sections - AADT 2017

DOD Sections

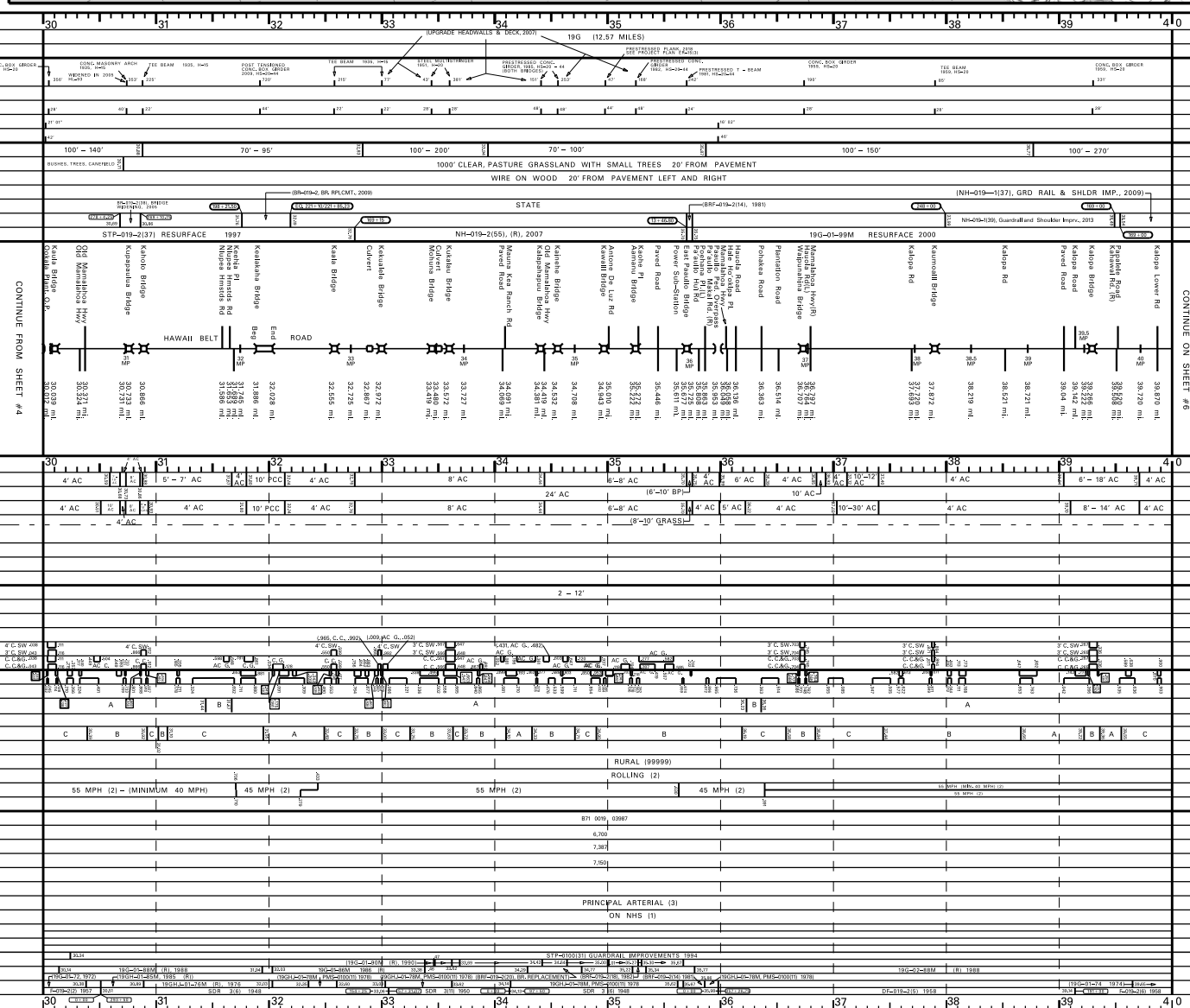
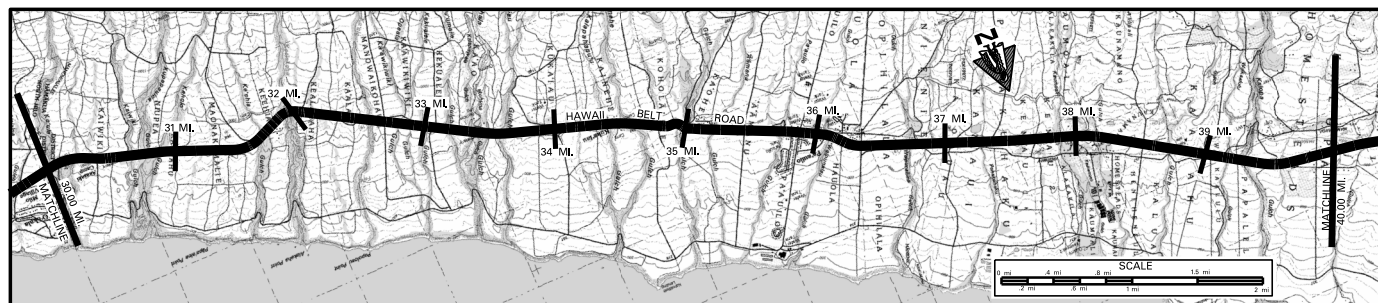
Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile



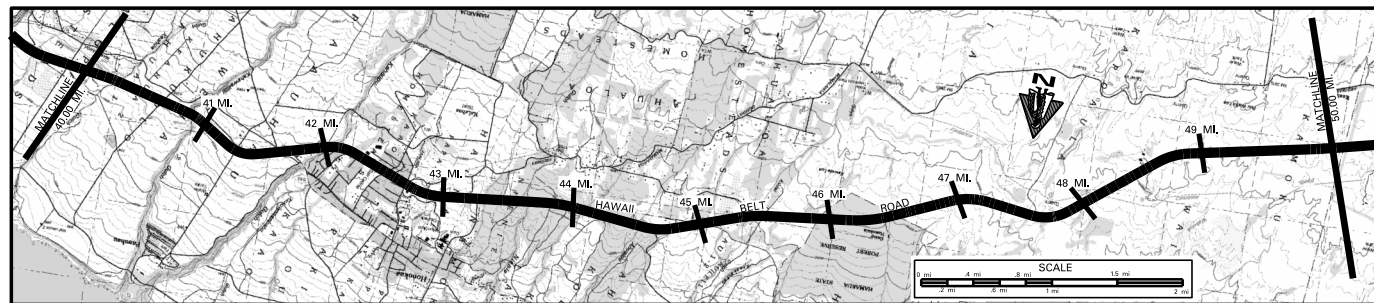
Date Released	Revised
Feb. 2006, D.R.	3/06 G.N.
	10/08 D.B.
	12/09 D.B.
	2/11 D.B.
	2/12 D.B.
	9/12 E.P.J.
	1/13 E.P.J.
	12/13 E.P.J.
	7/14 D.B.
	1/16 E.P.J.
	1/17 E.P.J.
	2/18 D.B.
	11/18 D.B.
	12/20 E.P.J.

ROAD INVENTORY HAWAII RTE 19 HAWAII BELT ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

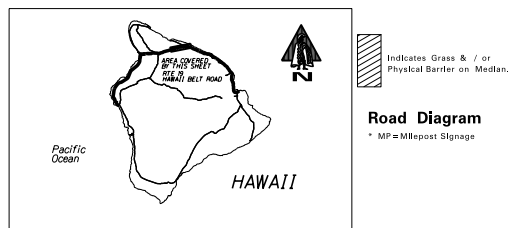
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

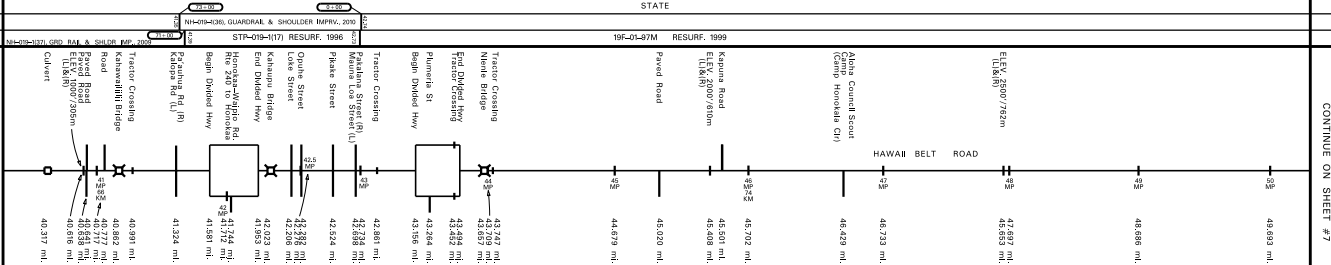


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description		19G (12.57 MILES)		19F (10.05 MILES)	
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CONC. BOX GIRDER 1959 HS-20 217'	TWIN BOX CULVERT 1953 HS-20 27'	CONC. BOX GIRDER 1963 HS-20 166'	
	Vertical Clearance				
	Horizontal Clearance	28'	36'	28'	
	Vertical Clearance				
	Horizontal Clearance				
Right of Way Width (min.-max.) 2 varies		VARIES 100' - 270'		VARIES 80' - 185'	
Available Right of Way Width (Needs Study)		CLEAR 1000' PASTURE GRASSLAND WITH SMALL TREES 20' FROM EDGE OF PAVEMENT			
Right of Way Fence: Type - Right and Left		WIRE ON WOOD 20' FROM EDGE OF PAVEMENT LEFT AND RIGHT			
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		19F-01-87M RESURF. 1999			
Project No., Type of Construction, and Year Constructed		19F-01-87M RESURF. 1999			



CONTINUE FROM SHEET #5



CONTINUE ON SHEET #7

SCALE: (In Miles) 2" = 1 mile

Unimproved Highway	Shoulder: Width and Type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</
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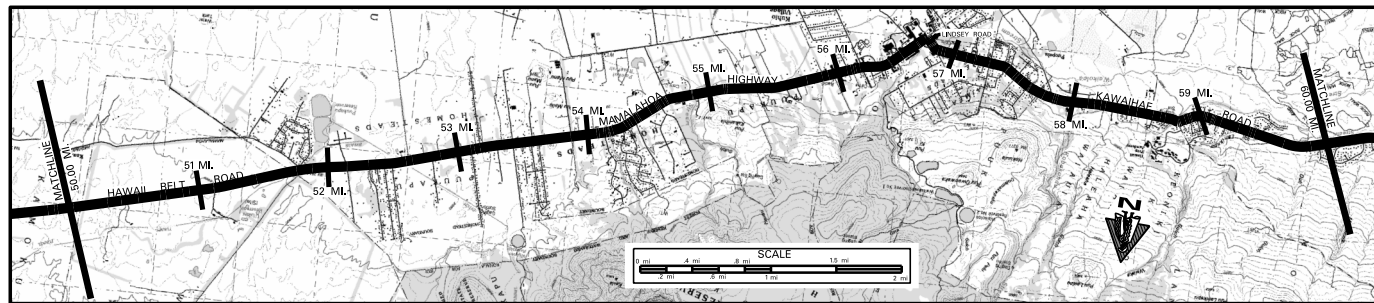
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 19 KAWAIHAE RD., MAMALAHOA HWY, HAWAII BELT ROAD, LINDSEY RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

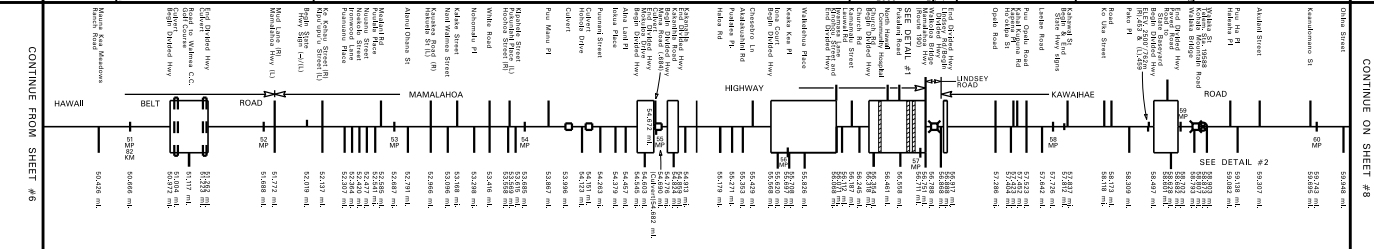
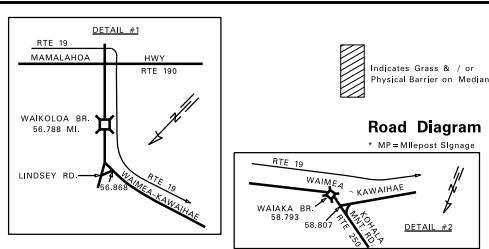
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 99.526 miles
a. Survey Length: 99.526 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		19 F (10.05 MI.)	END OF BELT RD AT THE CENTERLINE OF MUD LANE	52	53	54	55	56	57	58	59	60 (8.52 MILES)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed											
	Vertical Clearance											
	Horizontal Clearance											
	Vertical Clearance											
Right of Way	Horizontal Clearance											
	Right of Way Width (min.-max.) P varies											
	Available Right of Way Width (Needs Study)											
	Right of Way Fence: Type - Right and Left											
Control of Access: 1-None, 2-Partial, 3-Full												
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)												
Project No., Type of Construction, and Year Constructed												
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SCALE: (In Miles) 2" = 1 mile

Unimproved Highway	Shoulder: Width and Type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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SCALE: (In Miles) 2" = 1 mile

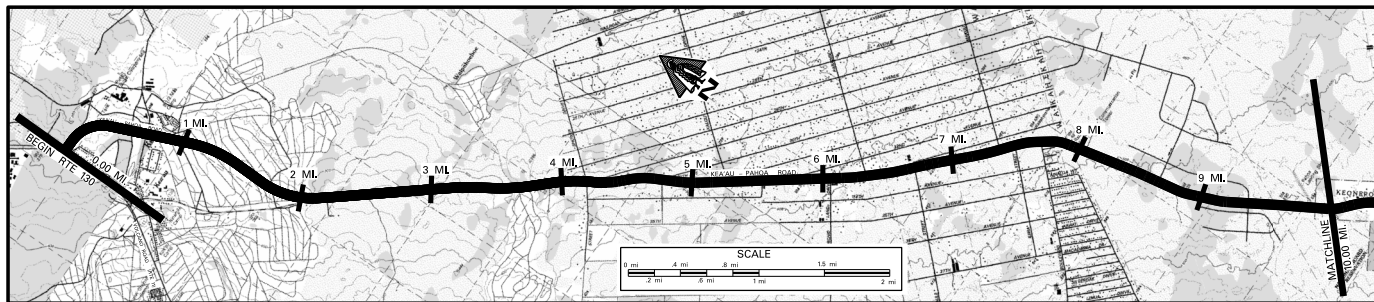
Date Released	Revised
Feb. 2006, D.R.	
	4.7.19
	108
	409
	930
	201
	212
	932
	033
	1213
	774
	036
	077
	218
	1118
	1220

ROAD INVENTORY HAWAII RTE. 130 KEA'AU-PAHOA 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: 21.639 MILES (a + b)
a. Existing Length: 21.639 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 21.639 MILES (a + b, less c)
a. Existing Length: 21.639 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		130 B (12.12 mi)									
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed										
	Vertical Clearance										
	Horizontal Clearance										
	Vertical Clearance										
Right of Way Width (min., max., & varies)		150' - 220'									
Available Right of Way Width (Needs Study)		Clear 1000' - Small Trees & Bushes - 8' From Pavement.									
Right of Way Fence: Type - Right and Left		80' - 130'									
Control of Access: 1-None, 2-Partial, 3-Full		50'									
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											
HAWAII Pacific Ocean Indicates Grass & / or Physical Barrier on Median. Road Diagram MP - Milepost Signage		ROUTE CONTINUED ON SHEET #2									
SCALE: (In Miles) 2" = 1 mile		0 1 2 3 4 5 6 7 8 9 10									
Unimproved Highway	Shoulder: Width and Type										
	Pavement: Width and Type										
	Shoulder: Width and Type										
	Median: Width and Type										
Number of Traffic Lanes											
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left 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(3.45-6.44) C(6.44-8.48) D(8.48-13.85) E(13.85-28.62) F(>28.62))											
Superelevation (Range)											
Grades Class: +/- % (A(0-4.5) B(4.5-2.45) C(2.45-4.45) D(4.45-8.45) E(8.45-13.85) F(>13.85))											
Vertical Curve: Crest or Sag, Curve Limits											
Area and Development											
Terrain: 1-Flat, 2-Rolling, 3-Mountainous											
Speed: 1-Design, 2-Posted											
Intersection Control Devices: Type, Location and Cycle Timing											
Traffic Stations (Current Year)											
HPMS Sections - AADT 2019											
HPMS Sections - AADT 2018											
HPMS Sections - AADT 2017											
Rush Hour Shoulder Lane											
DOD Sections											
Census Tracts											
Functional Classification											
National Highway System (NHS)											
Previous Projects: Project No., Date and Limits											
SCALE: (In Miles) 2" = 1 mile		0 1 2 3 4 5 6 7 8 9 10									

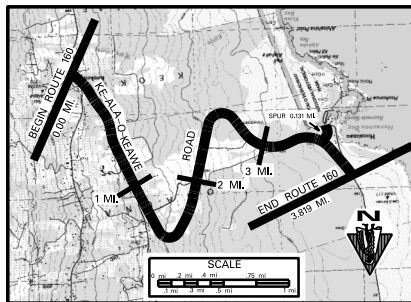
Total Route Length: 3.95 miles

a. Survey Length: 3.819 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.131 miles

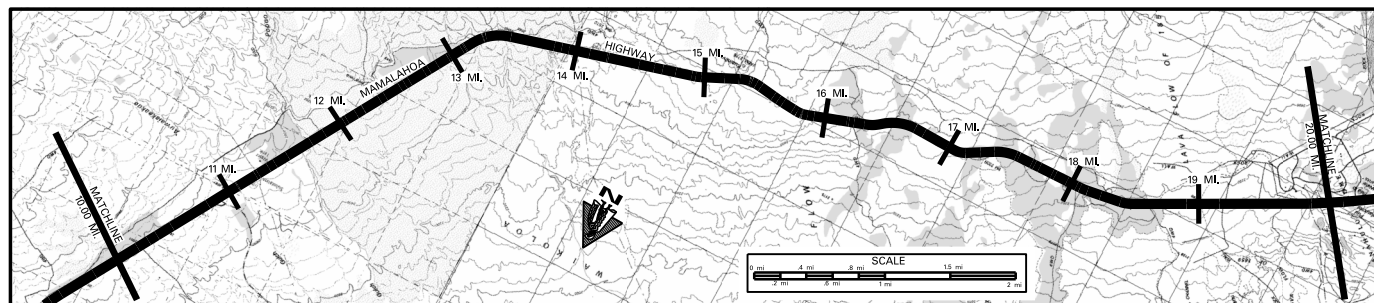
* SPUR LENGTH

[illegible]

ROAD INVENTORY HAWAII RTE 190 MAMALAHOA HIGHWAY

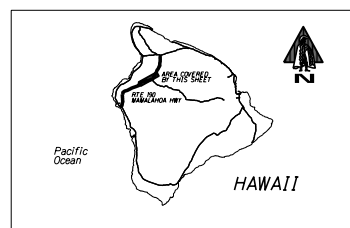
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 38.965 miles
a. Survey Length: 38.965 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		10	11	12	13	14	15	16	17	18	19	20
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	PRESTRESSED CONCRETE GIRDER, HL-25, 2001										
	Vertical Clearance	133' - 119'										
	Horizontal Clearance	140' - 140'										
	Vertical Clearance	132'										
Right of Way	Right of Way Width (min., max.) & varies	100' - 145'										
	Available Right of Way Width (Needs Study)	CLEAR 1000' - PASTURELAND W/ LAVA ROCK AND SOME TREES										
	Right of Way Fence: Type - Right and Left	NONE										
	Control of Access: 1-None, 2-Partial, 3-Full	NONE										
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STATE										
Project No., Type of Construction, and Year Constructed		1950C-01-25M, 1958 (R)										
Project No., Type of Construction, and Year Constructed		1950C-02-06M, PVMT. PREVENT. MAINT., 2009										



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1

CONTINUED ON SHEET #3

SCALE: (In Miles) 2" = 1 mile		10	11	12	13	14	15	16	17	18	19	20
Shoulder	Width and Type	4' AC										
	Pavement Width and Type	22' AC										
	Shoulder Width and Type	4' AC										
	Median Width and Type	10-20' PAINTED MEDIAN										
Median Barriers	Width and Type	0										
	Pavement Width and Type	0										
	Shoulder Width and Type	0										
	Shoulder Width and Type	0										
Number of Traffic Lanes		2-11'										
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		2-10.5'										
Frontage Road: No. of Lanes and Width (Right and Left)		2-9'										
Skewwalk: Width and Type (Right and Left)		0										
Curb and/or Gutter: Type (Right and Left)		0										
Protective Devices: Type, Location and Number		2-11'										
Illumination: Type, Location and Number		2-11'										
Curves Class: +/- Degree (A(0-345) B(345-544) C(544-848) D(848-1385) E(1385-2662) F(<2662))		A										
Superelevation (Range)		A										
Grades Class: +/- % (A(0-45) B(45-245) C(245-445) D(445-645) E(645-845) F(<845))		A										
Vertical Curve: Crest or Sag, Curve Limits		A										
Area and Development		A										
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		A										
Speeds: 1-Design, 2-Posted		A										
Intersection Control Devices: Type, Location and Cycle Timing		A										
Traffic Stations (Current Year)		A										
HPMS Sections - AADT 2019		A										
HPMS Sections - AADT 2018		A										
HPMS Sections - AADT 2017		A										
DOD Sections		A										
Census Tracts		A										
Functional Classification		A										
National Highway System (NHS)		A										
Previous Projects: Project No. Date and Limits		A										

SCALE: (In Miles) 2" = 1 mile

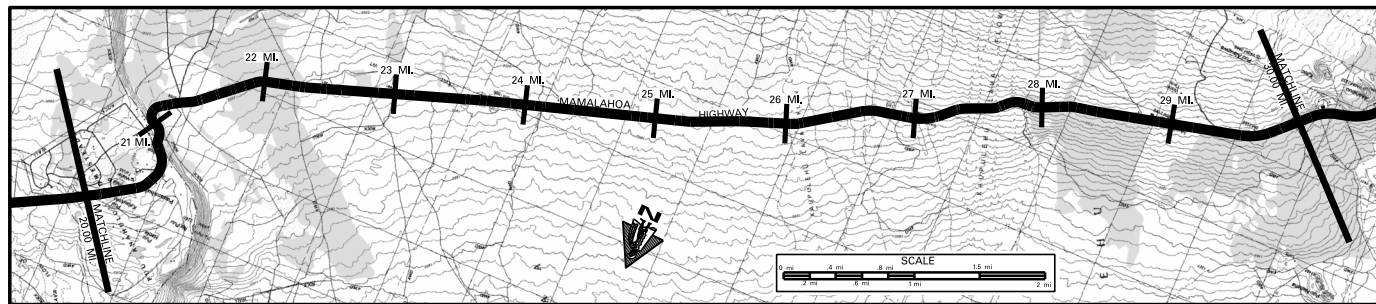
Date Released	Revised
OCT. 05, D.R.	7/06 D.B.
	9/09 D.B.
	2/11 D.B.
	2/12 D.B.
	9/12 E.P.J.
	12/13 E.P.J.
	7/14 D.B.
	1/16 E.P.J.
	1/17 E.P.J.
	1/18 D.B.
	12/20 E.P.J.

ROAD INVENTORY HAWAII RTE 190 MAMALAHOA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

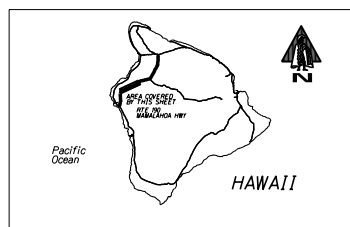
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 38.965 miles
a. Survey Length: 38.965 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		20	21	22	23	24	25	26	27	28	29	30	
Structure Carrying Road	190 C (7.87 MI.)	190 B (13.91 MI.)											
	190 C (7.87 MI.)												
	190 B (13.91 MI.)												
Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Vertical Clearance												
	Horizontal Clearance												
	Vertical Clearance												
	Horizontal Clearance												
Right of Way Width (min., max.) # varies		80'-150'											
Available Right of Way (Needs Study)		80'-217'											
Right of Way Fence: Type - Right and Left		1000' CLEAR, LAVA ROCK, W/ BRUSH, GRASS - 10' 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		190B-02-04M, RESURFACE, 2008											
Project No., Type of Construction, and Year Constructed		190B-01-50M (RESURFACE)1991											



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #2

CONTINUED ON SHEET #4

SCALE: (In Miles) 2" = 1 mile		20	21	22	23	24	25	26	27	28	29	30
Underside Highway	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)												
Skewwalk: 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 noted otherwise.										
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												
Traffic Stations (Current Year)												
HPMS Sections - AADT 2019												
HPMS Sections - AADT 2018												
HPMS Sections - AADT 2017												
DOD Sections												
Census Tracts												
Functional Classification												
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits												
SCALE: (In Miles) 2" = 1 mile		20	21	22	23	24	25	26	27	28	29	30

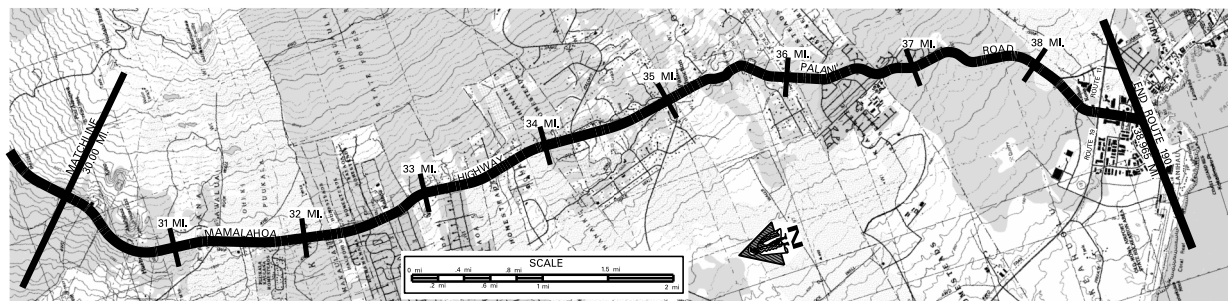
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 190 MAMALAHOA HWY., PALANI RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

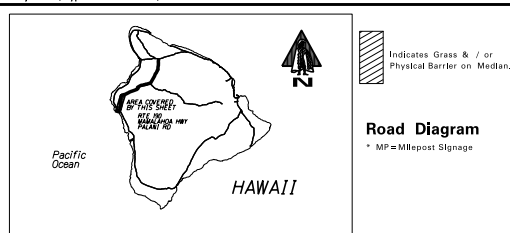
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 38.965 miles
a. Survey Length: 38.965 miles
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c. Other Length: * 0.00 miles

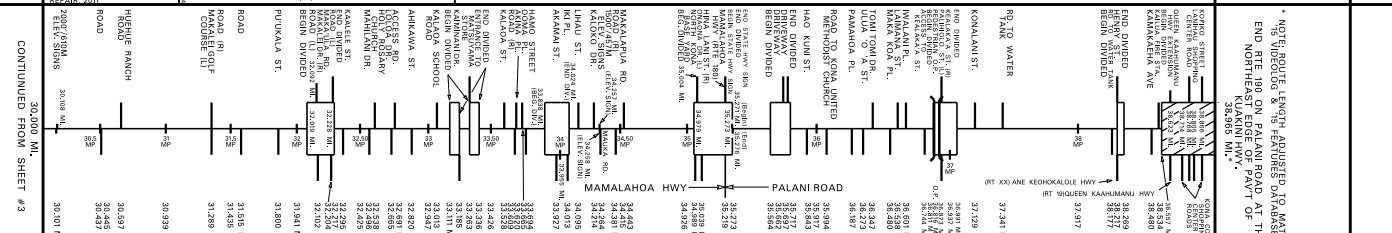


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description		30	31	32	33	34	35	36	37	38	39	40
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed											
	Vertical Clearance											
	Horizontal Clearance											
	Vertical Clearance											
Right of Way	Right of Way Width (min.-max.) # 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												



Road Diagram
* MP = Milepost Signage



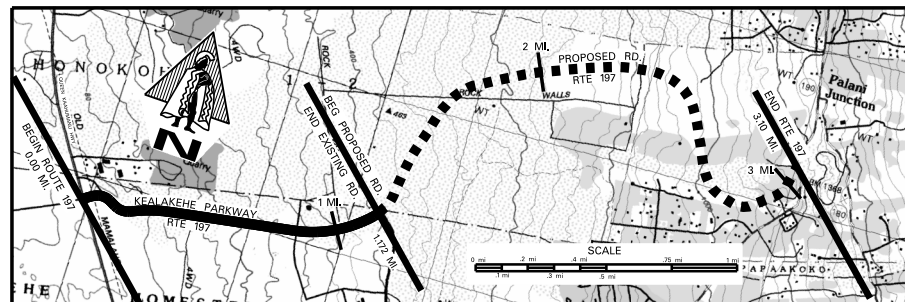
SCALE: (In Miles) 2" = 1 mile		30	31	32	33	34	35	36	37	38	39	40
Shoulder: Width and Type	Shoulder: Width and Type											
	Pavement: Width and Type											
	Shoulder: Width and Type											
	Median: Width and Type											
Median Barriers:	Median Barriers:											
	Shoulder: Width and Type											
	Pavement: Width and Type											
	Shoulder: Width and Type											
Number of Traffic Lanes												
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)												
Frontage Road: No. of Lanes, and Width (Right and Left)												
Skewback: 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(0-4.5) B(4.5-2.45) 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												
Traffic Stations (Current Year)												
HPMS Sections - AADT 2019												
HPMS Sections - AADT 2018												
HPMS Sections - AADT 2017												
DOD Sections												
Census Tracts												
Functional Classification												
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits												

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 197 KEALAKEHE 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: 3.10 miles
a. Survey Length: 1.172 miles
b. Proposed Length: 1.928 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

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

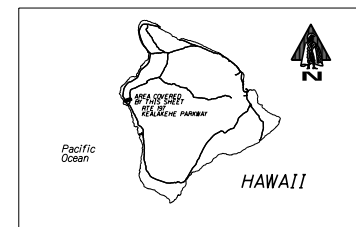
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or
Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN RTE 197 ON KEALAKEHE PARKWAY
AT THE POINT WHERE THE ROAD
OF OTHER KAHAMANU HWY RTE 197.

BEGIN DIVIDED

0.000 MI.

0.048 MI.

0.288 MI.

0.577 MI.

0.717 MI.

0.839 MI.

1.007 MI.

1.172 MI.

END EXISTING ROAD (BEGIN PROPOSED
ROAD) @ CENTRELINE OF KAHAMANU
DRIVE RIGHT.

1.172 MI.

PROPOSED ROAD

END ROUTE DESCRIPTION
0.00 MI.

SCALE: (In Miles) 4" = 1 mile

Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type
Median: Width and Type
Median Barrier:
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 noted otherwise.

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)

Grade Class: +/- % (A(0-4.5) B(4.5-2.45) 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

Traffic Station (Current Year)

HPMS Sections - AADT 2019

HPMS Sections - AADT 2018

HPMS Sections - AADT 2017

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date

Released

MAY 2014

Redbook

1/16 EPI

1/17 EPI

2/18 DB

1/18 DB

12/20 EPI

ROAD INVENTORY HAWAII RTE 200 SADDLE ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

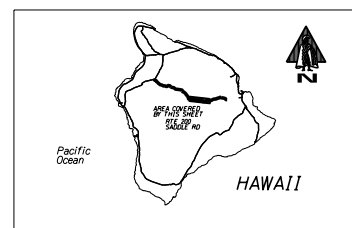
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 43.224 miles
a. Survey Length: 43.224 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

SCALE: (In Miles) 2" = 1 mile

Structure Carrying Road
Vertical Clearance
Horizontal Clearance
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



Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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)
Skiway: 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 noted otherwise.

Illumination: Type, Location and Number
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.95) E(13.95-26.62) F(>26.62)

Superelevation (Range)
Grades Class: +/- % (A(0-4.5) B(4.5-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(>8.45)

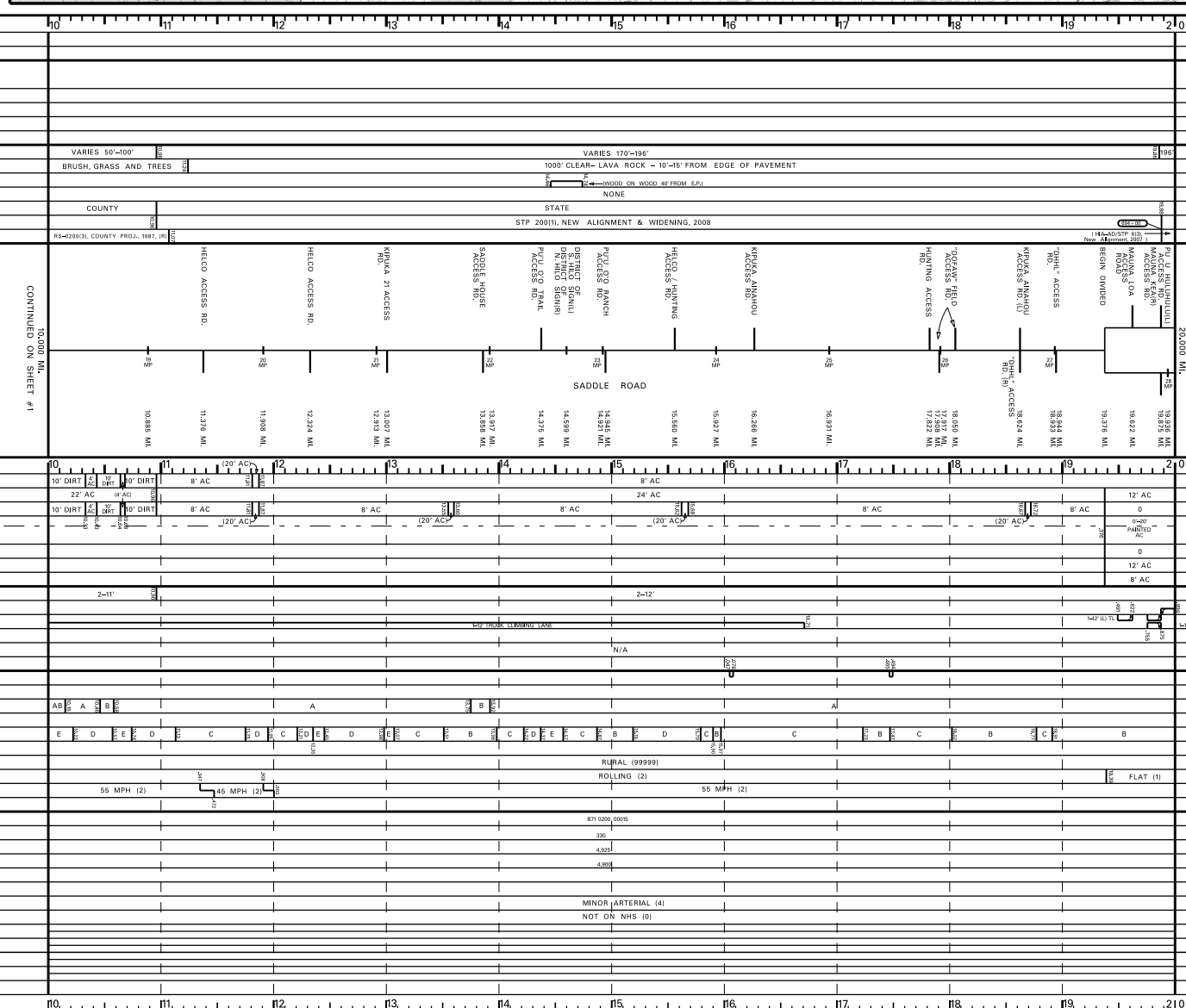
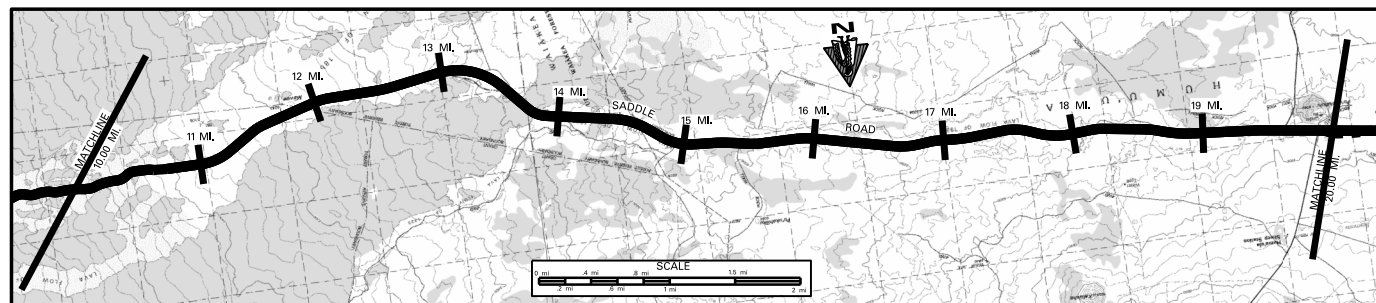
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
Terrain: 1-Flat, 2-Rolling, 3-Mountainous

Speed: 1-Design, 2-Posted
Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
HPMS Sections - AADT 2019
HPMS Sections - AADT 2018
HPMS Sections - AADT 2017

DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile



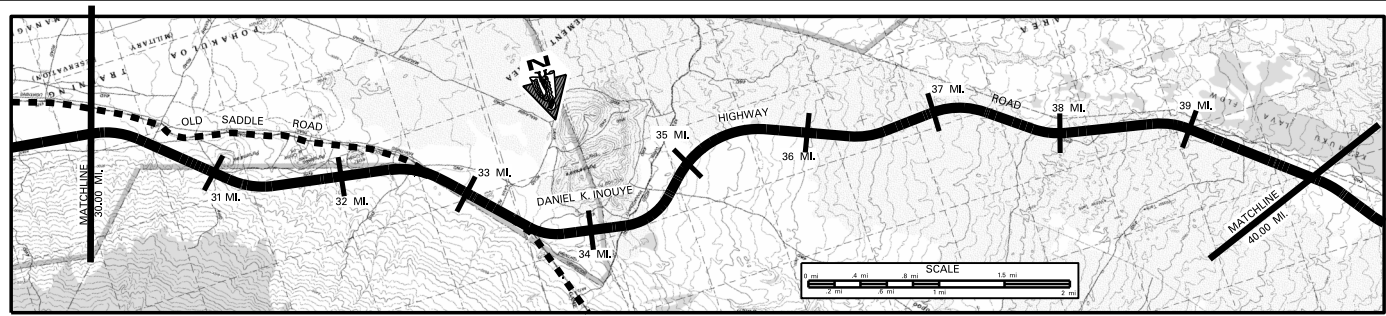
Date Released	Revised
NOV 05 D.B.	
7/06 D.B.	
9/07 D.B.	
1/09 D.B.	
9/10 D.B.	
2/11 D.B.	
2/12 D.B.	
9/12 E.P.I.	
12/13 E.P.I.	
7/14 D.B.	
1/16 E.P.I.	
6/17 E.P.I.	
2/18 D.B.	
11/18 D.B.	
12/20 E.P.I.	

ROAD INVENTORY
HAWAII RTE 200
SADDLE ROAD, DANIEL K. INOUE 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: 43.224 miles
a. Survey Length: 43.224 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

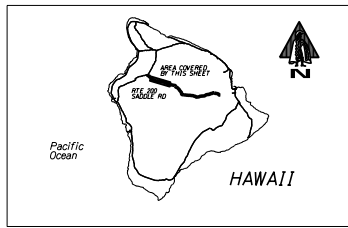


SCALE: (In Miles) 2" = 1 mile

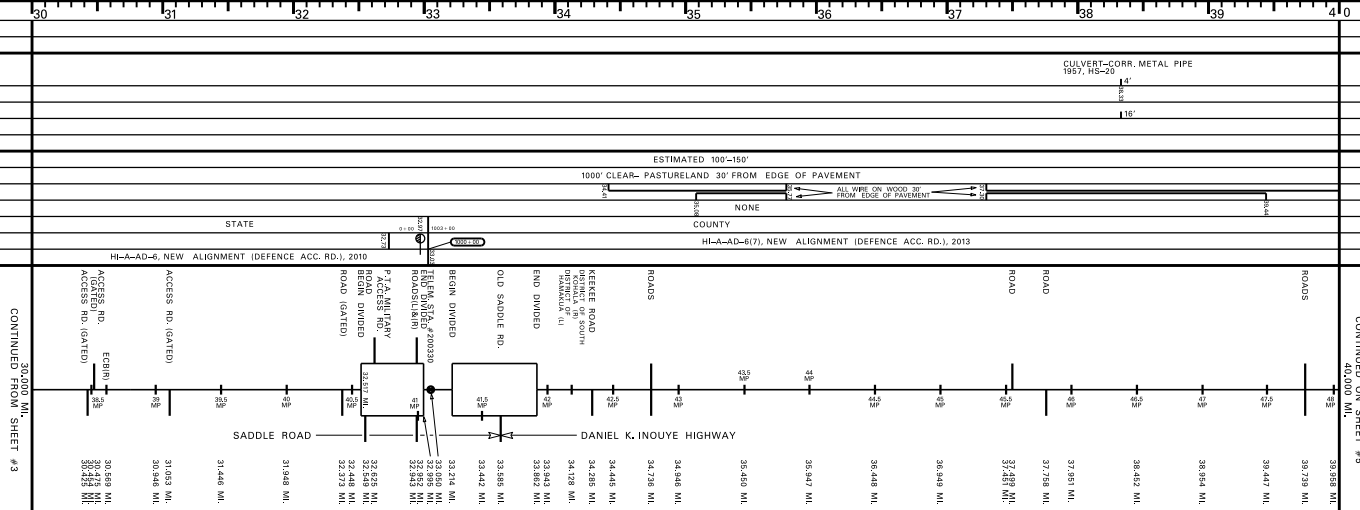
Maintenance Control Sections: Length and Description

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

Right of Way Width (min.-max.) # 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



Road Diagram
* MP = Milepost Signage



CONTINUED ON SHEET #5

SCALE: (In Miles) 2" = 1 mile
Shoulder: Width and Type MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)
Pavement: Width and Type
Shoulder: Width and Type MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)
Median: Width and Type
Median Barriers:
Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)

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)

Skewwalk: 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 noted otherwise.

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(0-4.5) B(4.5-2.45) 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

Traffic Stations (Current Year)

HPMS Sections - AADT 2019

HPMS Sections - AADT 2018

HPMS Sections - AADT 2017

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No, Date and Limits



SCALE: (In Miles) 2" = 1 mile

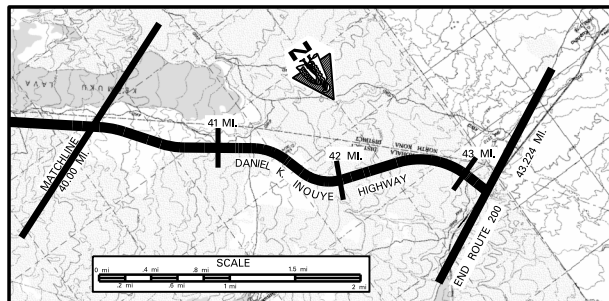
Date Released
FEB. 2006 D.B.
Revised
7/06 D.B.
9/07 D.B.
1/09 D.B.
9/10 D.B.
2/11 D.B.
2/12 D.B.
9/12 E.P.I.
12/13 E.P.I.
7/14 D.B.
1/16 E.P.I.
9/17 E.P.I.
2/18 D.B.
10/18 D.B.
12/20 E.P.I.

ROAD INVENTORY HAWAII RTE 200 DANIEL K. INOUE HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

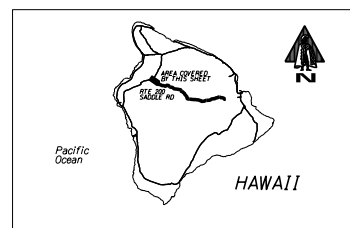
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 43.224 miles
a. Survey Length: 43.224 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

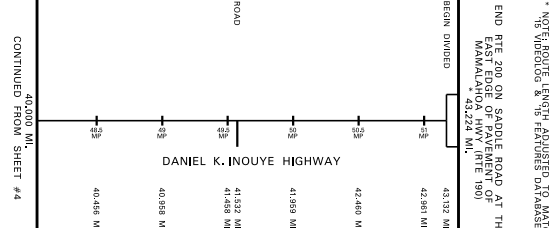


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description		40	41	42	43	44	45	46	47	48	49	50
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed											
	Vertical Clearance											
Roadway	Horizontal Clearance											
	Vertical Clearance											
	Horizontal Clearance											
Right of Way Width (min.-max.) # 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												



Road Diagram
* MP = Milepost Signage



NOTE: ROUTE LENGTH ADJUSTED TO MATCH
1/8" VERTICAL & 1/8" HORIZONTAL DATABASE.
END RTE 200 ON SADDLE ROAD AT THE
EAST EDGE OF PAVEMENT OF
MAHALAHOA HWY (RTE 190)
43.224 MI.

SCALE: (In Miles) 2" = 1 mile		40	41	42	43	44	45	46	47	48	49	50
Shoulder	Width and Type											
	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)											
Pavement	Width and Type											
	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)											
Median	Width and Type											
	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)											
Median Barriers	Width and Type											
	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)											
Shoulder	Width and Type											
	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)											
Pavement	Width and Type											
	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)											
Shoulder	Width and Type											
	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)											
Number of Traffic Lanes												
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)												
(Right Side)												
Frontage Road: No. of Lanes, and Width (Right and Left)												
Sidewalk: Width and Type (Right and Left)												
Curb and/or Gutter: Type (Right and Left)												
Protective Devices: Type, Location and Number												
Illumination: Type, Location and Number												
Curves: Degree of Curvature (Right and Left)												
Superelevation (Range)												
Grades Class: +/- % (A(0-45) B(45-245) C(245-445) D(445-645) E(645-845) 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												
Traffic Stations (Current Year)												
HPMS Sections - AADT 2019												
HPMS Sections - AADT 2018												
HPMS Sections - AADT 2017												
DOD Sections												
Census Tracts												
Functional Classification												
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits												

SCALE: (In Miles) 2" = 1 mile

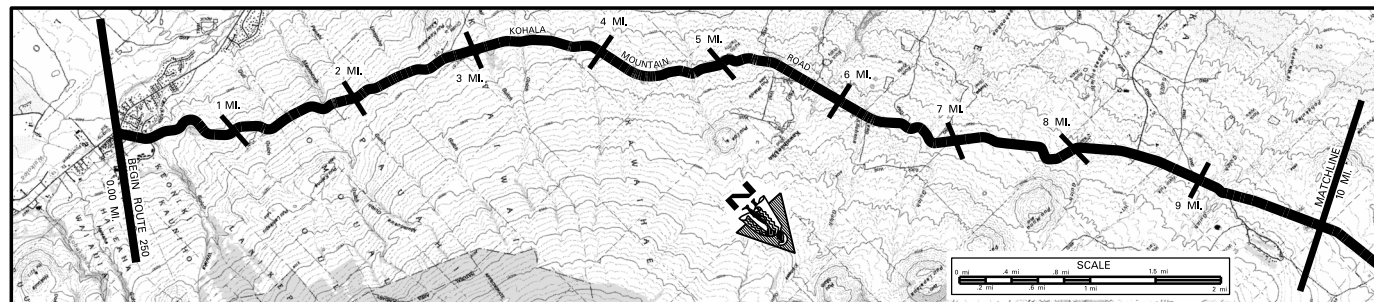
Date Released	Revised
NOV 65 D.B.	7/86 D.B.
	8/87 D.B.
	1/89 D.B.
	9/89 D.B.
	2/91 D.B.
	2/92 D.B.
	9/92 E.P.I.
	12/93 E.P.I.
	7/94 D.B.
	1/96 E.P.I.
	9/97 E.P.I.
	2/98 D.B.
	10/98 D.B.
	12/00 E.P.I.

ROAD INVENTORY HAWAII RTE 250 KOHALA MOUNTAIN 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

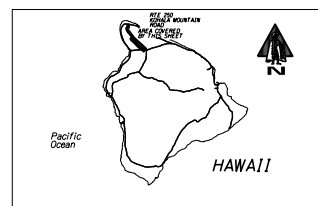
Total Route Length: 19.276 miles
a. Survey Length: 19.276 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Structures
Carrying
Road
Vertical Clearance
Horizontal Clearance
Vertical Clearance
Horizontal Clearance

Right of Way Width (min., max.) # 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



Road Diagram
MP=Milepost Signage



SCALE: (In Miles) 2" = 1 mile

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)

Skewwalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

llumination: Type, Location and Number

Curves Class: +/- Degree (A10-3.45) 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: +/- % (A10-4.5) B(4.5-2.45) 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

Traffic Stations (Current Year)

HPMS Sections - AADT 2019

HPMS Sections - AADT 2018

HPMS Sections - AADT 2017

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

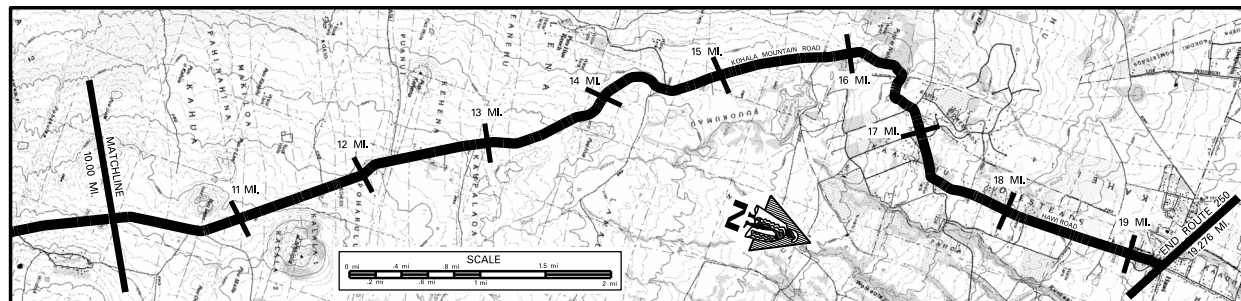
CONTINUED ON SHEET #2

Date Released	Revised
Nov. 2003, D.R.	7/06 D.B.
	9/20 D.B.
	2/01 D.B.
	2/02 D.B.
	2/03 E.P.J.
	12/03 E.P.J.
	8/04 D.B.
	1/06 E.P.J.
	1/07 E.P.J.
	1/08 D.B.
	12/20 E.P.J.

ROAD INVENTORY HAWAII RTE. 250 KOHALA MOUNTAIN ROAD AND HAWI ROAD

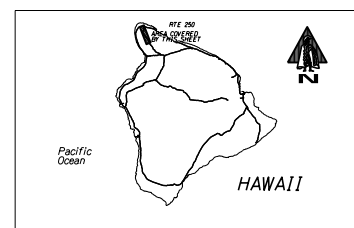
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 19.276 miles
a. Survey Length: 19.276 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		10	11	12	13	14	15	16	17	18	19	20
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed											
	Vertical Clearance											
	Horizontal Clearance											
	Vertical Clearance											
Right of Way	Right of Way Width (min.-max.) # 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												



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1

SCALE: (In Miles) 2" = 1 mile		10	11	12	13	14	15	16	17	18	19	20
Shoulder: Width and Type	Shoulder: Width and Type											
	Pavement: Width and Type											
	Shoulder: Width and Type											
	Median: Width and Type											
Median Barriers:	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)												
Shoulder: 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(0-4.5) B(4.5-2.45) 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												
Traffic Stations (Current Year)												
HPMS Sections - AADT 2019												
HPMS Sections - AADT 2018												
HPMS Sections - AADT 2017												
DOD Sections												
Census Tracts												
Functional Classification												
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits												

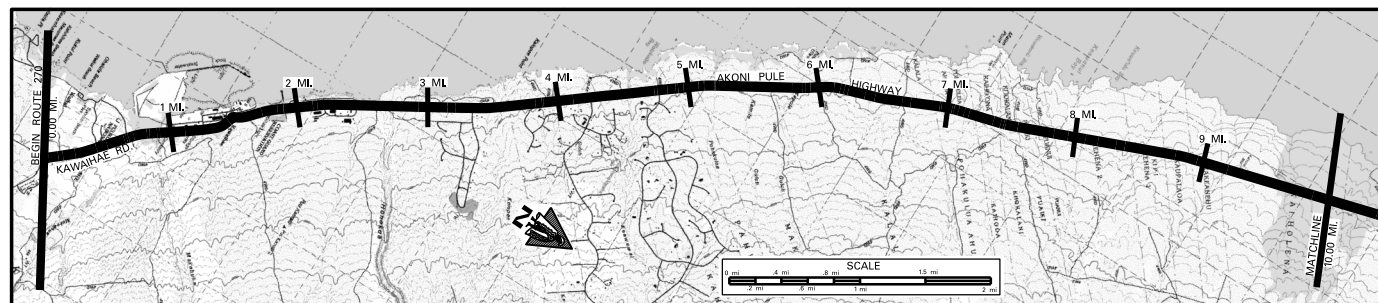
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 270 KAWAHAE ROAD-AKONI PULE HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

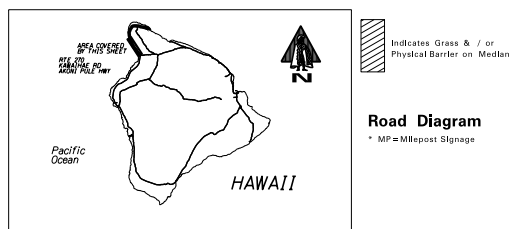
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.003 miles
a. Survey Length: 27.003 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

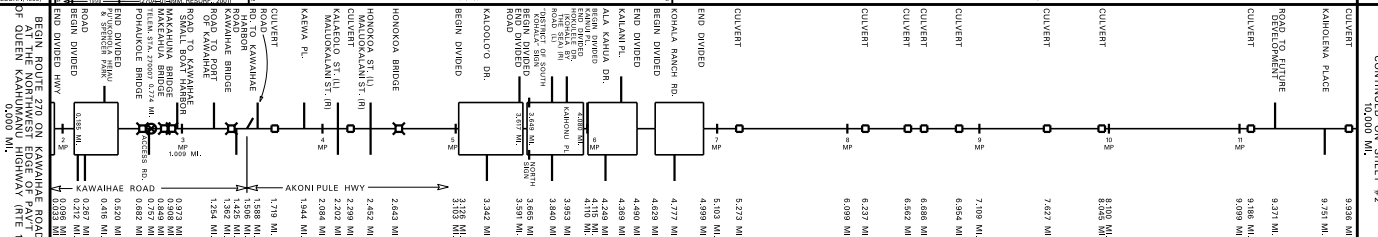


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description	0	1	2	3	4	5	6	7	8	9	10
Structures Carrying Road	TEE BEAM 1960 HS-20 55'	SLAB 1960 HS-20 11'	SLAB 1960 HS-20 12'	PRESTRESSED BEAM 1965 HS-20 165'							
Vertical Clearance											
Horizontal Clearance	28' 1' 40'	40'		128'							
Right of Way Width (min.-max.) # varies	60' - 80'	60'	60'	60' - 180'							
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											



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Shoulder: Width and Type	0	1	2	3	4	5	6	7	8	9	10
Pavement: Width and Type	11' AC	11' AC	22' AC	22' BP	24' AC	14' AC	12' AC	12' AC	12' AC	24' AC	6' SEAL COAT
Shoulder: Width and Type	7' AC	6' AC	7' AC	6' CORAL	6' SEAL COAT	12' AC	12' AC	12' AC	12' AC	6' AC	6' SEAL COAT
Median: Width and Type	0	0	0	0	0	0	0	0	0	0	0
Median Barriers											
Shoulder: Width and Type	0	0	0	0	0	0	0	0	0	0	0
Pavement: Width and Type	11' AC	11' AC	11' AC	14' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC
Shoulder: Width and Type	6' AC	6' AC	6' AC	10' AC	6' SEAL COAT	6' SEAL COAT	6' SEAL COAT	6' SEAL COAT	6' SEAL COAT	6' SEAL COAT	6' SEAL COAT
Number of Traffic Lanes	2-11'										
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)											
Frontage Road: No. of Lanes and Width (Right and Left)											
Skidwalk: Width and Type (Right and Left)											
Curb and/or Gutter: Type (Right and Left)											
Protective Devices: Type, Location and Number											
llumination: Type, Location and Number											
Curves Class: +/- Degree (A(0-345) B(345-544) C(544-848) D(848-1385) E(1385-2862) F(<2862)											
Superelevation (Range)											
Grades Class: +/- % (A(0-45) B(45-245) C(245-445) D(445-645) E(645-845) F(<845)											
Vertical Curve: Crest or Sag, Curve Limits											
Area and Development											
Terrain: 1-Flat, 2-Rolling, 3-Mountainous											
Speed: 1-Design, 2-Posted											
Intersection Control Devices: Type, Location and Cycle Timing											
Traffic Stations (Current Year)											
HPMS Sections - AADT 2019											
HPMS Sections - AADT 2018											
HPMS Sections - AADT 2017											
DOD Sections											
Census Tracts											
Functional Classification											
National Highway System (NHS)											
Previous Projects: Project No., Date and Limits											

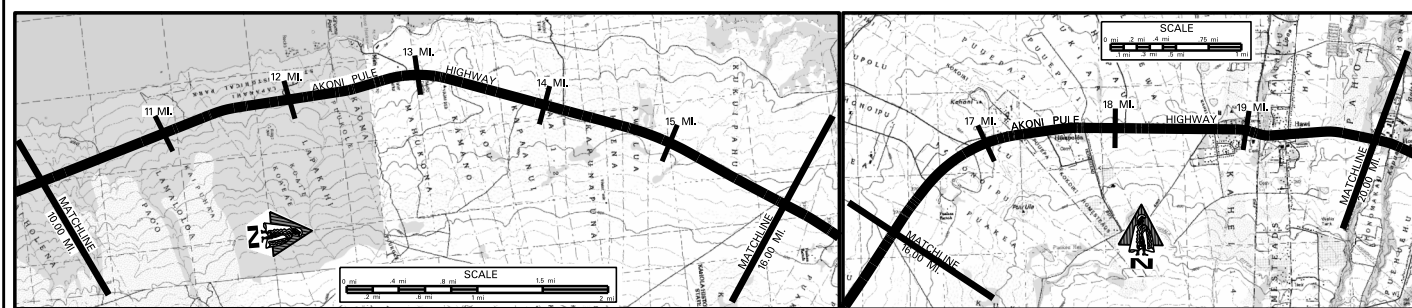
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 270 AKONI PULE HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

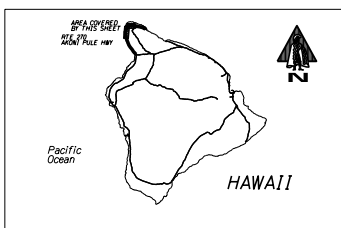
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
LOCAL HIGHWAY ADMINISTRATION

Total Route Length: 27.003 miles
a. Survey Length: 27.003 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

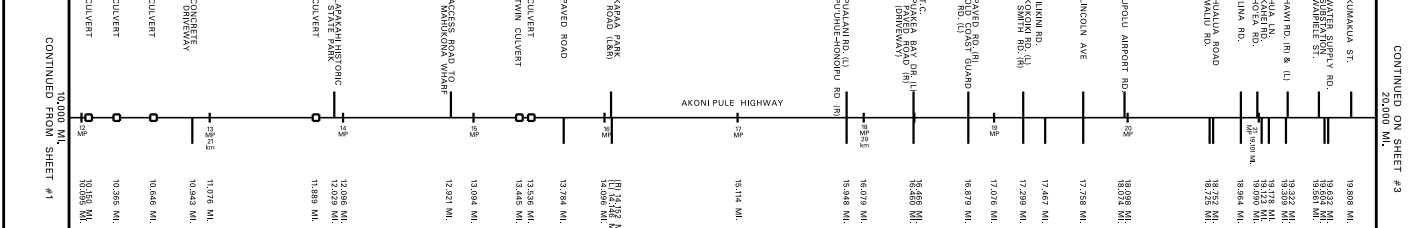


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description		270A (11.44 MI.)	270 B (14.10 MI.)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed		
	Vertical Clearance		
	Horizontal Clearance		
	Vertical Clearance		
Right of Way	Right of Way Width (min., max.) & varies	80'-180'	60'-200'
	Available Right of Way Width (Needs Study)		CLEAR 1000', GRASS AND FEW TREES, 50' FROM EDGE OF PAVEMENT
	Right of Way Fence: Type - Right and Left		WIRE ON WOOD 30' FROM EDGE OF PAVEMENT
	Control of Access: 1-None, 2-Partial, 3-Full		WIRE ON WOOD 30' FROM EDGE OF PAVEMENT
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		COUNTY TO STATE PHASE 2	STATE
Project No., Type of Construction, and Year Constructed		STP-0270(019), PAVEMENT PREVENTIVE MAINTENANCE, 2013	STP-0272(020), RESURFACE, 2013
Project No., Type of Construction, and Year Constructed		HWY-H-02-15M, 2017	270B-01-29M, RESURFACE, 1997



Indicates Grass & / or Physical Barrier on Median.
* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

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	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	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	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	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	Shoulder: Width and Type Pavement: Width and Type 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SCALE: (In Miles) 2" = 1 mile

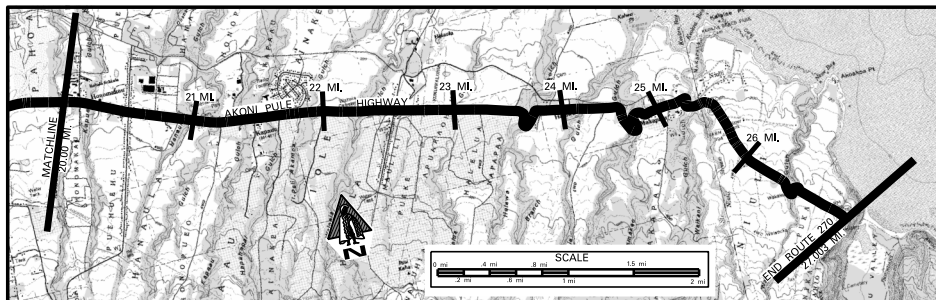
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	9/09 D.B.
	2/11 D.B.
	2/12 D.B.
	9/12 E.P.I.
	6/13 E.P.I.
	8/14 D.B.
	1/16 E.P.I.
	1/17 E.P.I.
	2/18 D.B.
	12/20 E.P.I.

ROAD INVENTORY HAWAII RTE 270 AKONI PULE HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

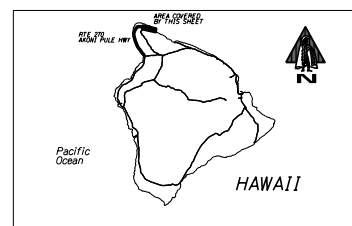
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.003 miles
a. Survey Length: 27.003 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		20	21	22	23	24	25	26	27	28	29	30
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	TWIN ARCH CULVERTS 1980 TEE BEAM 1919, ES-H10 TEE BEAM 1919, ES-H10 TEE BEAM 1919, ES-H10										
	Vertical Clearance	126' 160' 80' 22' 11' 33'										
	Horizontal Clearance	136' 118' 118' 18' 118'										
	Vertical Clearance											
Right of Way	Right of Way Width (min., max.) # varies	40'-100'										
	Available Right of Way Width (Needs Study)	RESIDENTIAL DISTRICT										
	Right of Way Fence: Type - Right and Left	NONE										
	Control of Access: 1-None, 2-Partial, 3-Full	STATE										
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STP-0270(020), RESURFACE, 2013 (BR-0270(18), MAJOR SEISMIC RETROFIT, 2009) (BR-0270(18), MAJOR SEISMIC RETROFIT, 2009)										
Project No., Type of Construction, and Year Constructed		HWY-H-02-15M, 2017 270B-01-31M, RESURFACE, 1994										
Project No., Type of Construction, and Year Constructed												



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #2

SCALE: (In Miles) 2" = 1 mile		20	21	22	23	24	25	26	27	28	29	30
Shoulder: Width and Type	Shoulder: Width and Type	8' BP 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS										
	Pavement: Width and Type	24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC										
	Shoulder: Width and Type	8' BP 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS										
	Median: Width and Type	2' GRASS 2' GRASS 2' GRASS 2' GRASS 2' GRASS 2' GRASS 2' GRASS 2' GRASS 2' GRASS 2' GRASS 2' GRASS 2' GRASS										
Median Barriers	Median Barriers											
	Shoulder: Width and Type	8' BP 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS										
	Pavement: Width and Type	24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC 24' AC										
	Shoulder: Width and Type	8' BP 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS 10' GRASS										
Number of Traffic Lanes		2-12' 2-12' 2-12' 2-12' 2-12' 2-12' 2-12' 2-12' 2-12' 2-12' 2-12' 2-12'										
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left 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 noted otherwise.										
Illumination: Type, Location and Number												
Curves Class: +/- Degree (A(0-34.5) B(34.5-54.4) C(54.4-84.8) D(84.8-138.5) E(138.5-268.2) F(>268.2))		AB A B A B A B A B A B A B										
Superelevation (Range)												
Grades Class: +/- % (A(0-4.5) B(4.5-2.45) 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 B A B A B A B										
Vertical Curve: Crest or Sag, Curve Limits												
Area and Development												
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		RURAL (99999) ROLLING (2)										
Speed: 1-Design, 2-Posted		35 MPH (2) 25 MPH (2) 35 MPH (2)										
Intersection Control Devices: Type, Location and Cycle Timing												
Traffic Stations (Current Year)		571 0270 0185 571 0270 0220 571 0270 0259 571 0270 0294										
HPMS Sections - AADT 2019		7,200 7,200 7,200 7,200										
HPMS Sections - AADT 2018		4,900 4,900 4,900 4,900										
HPMS Sections - AADT 2017		4,900 4,900 4,900 4,900										
DOD Sections												
Census Tracts												
Functional Classification		MAJOR COLLECTOR (5) NOT NHS (0)										
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits		#5-STP-0270(11), RESURFACE, 1994 #5-STP-0270(11), RESURFACE, 1994 #5-STP-0270(11), RESURFACE, 1994 #5-STP-0270(11), RESURFACE, 1994										

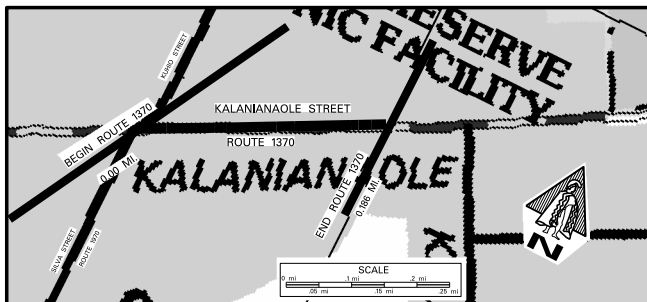
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 1370
KALANIANA'OLE STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

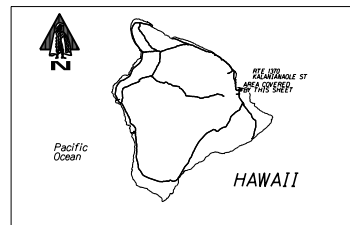
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 0.186 miles
a. Survey Length: 0.186 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 20" = 1 mile

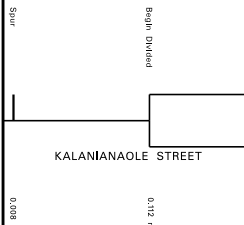
Maintenance Control Sections : Length and Description		0.0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed											
	Vertical Clearance											
	Horizontal Clearance											
	Vertical Clearance											
	Horizontal Clearance											
Right of Way	Right of Way Width (min.-max.) if varies											
	Available Right of Way Width (Needs Study)											
	Right of Way Fence: Type - Right and Left											
	Control of Access: 1-None, 2-Partial, 3-Full											
	Jurisdiction, Transfer Phase No., and Date (C to S or S to C)											
Project No., Type of Construction, and Year Constructed												
Project No., Type of Construction, and Year Constructed												



Indicates Grass & / or
Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

BEGIN ROUTE 1370 AT THE EAST EDGE
OF PAVEMENT ON KALANIANA'OLE STREET AND
KALANIANA'OLE STREET.



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
IS VIDEOLOG & IS FEATURES DATABASE.
END ROUTE 1370 AT WEST
EDGE OF PAVEMENT ON KALANIANA'OLE STREET AND
HILLO HARBOR ENTRANCE DRIVEWAY.
0.186 MI.*

SCALE: (In Miles) 20" = 1 mile

Shoulder Highway		0.0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
Shoulder	Shoulder: Width and Type											
	Pavement: Width and Type											
	Shoulder: Width and Type											
	Median: Width and Type											
	Shoulder: Width and Type											
Pavement	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(0-345) B(345-644) C(644-848) D(848-1385) E(1385-2862) F(<2862))												
Superelevation (Range)												
Grades Class: +/- % (A(0-45) B(45-245) C(245-445) D(445-645) E(645-845) F(<845))												
Vertical Curve: Crest or Sag, Curve Limits												
Area and Development:												
Terrain: 1-Flat, 2-Rolling, 3-Mountainous												
Speed: 1-Design, 2-Posted												
Intersection Control Devices: Type, Location and Cycle Timing												
Traffic Stations (Current Year)												
HPMS Sections - AADT 2019												
HPMS Sections - AADT 2018												
HPMS Sections - AADT 2017												
DOD Sections												
Census Tracts												
Functional Classification												
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits												

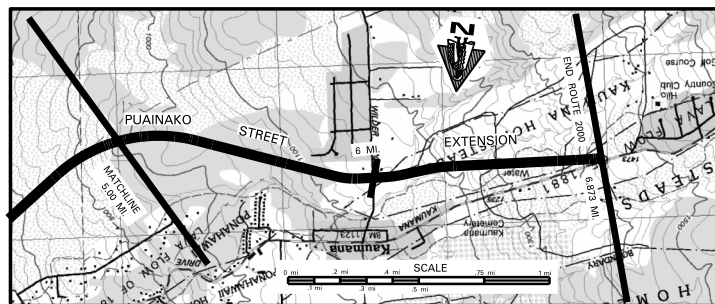
SCALE: (In Miles) 20" = 1 mile

Date Released	Revised
MAR 05 D.R.	
7/06 D.B.	
9/07 D.B.	
2/11 D.B.	
2/12 D.B.	
9/12 E.P.F.	
12/13 E.P.F.	
8/14 D.B.	
1/16 E.P.F.	
1/17 E.P.F.	
2/18 D.B.	
10/18 D.B.	
12/20 E.P.F.	

ROAD INVENTORY HAWAII RTE 2000 PUAINAKO STREET EXTENSION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
FORWARDED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 6.873 miles
a. Survey Length: 6.873 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

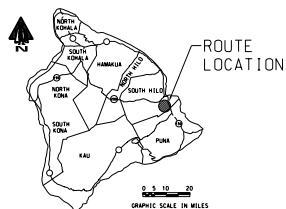


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure	Carrying Road	Length	Type	Capacity	Year Constructed
Bridges (Over 20')					
Vertical Clearance					
Horizontal Clearance					
Vertical Clearance					
Horizontal Clearance					
Right of Way Width (min.-max.) If varies		120'			
Available Right of Way Width (Needs Study)					
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					
Project No., Type of Construction, and Year Constructed					

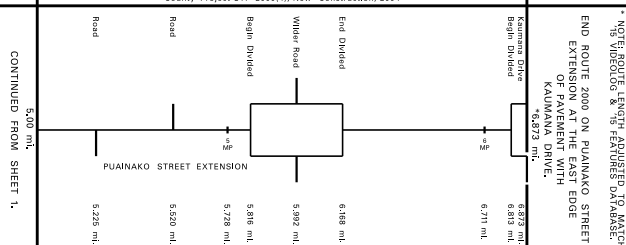
County Project STP-2000(4), New Construction, 2004



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 1.



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
IS VIDEOLOG & IS FEATURES DATABASE.
END ROUTE 2000 ON PUAINAKO STREET
EXTENSION AT THE EAST EDGE
OF PAVEMENT WITH
KAUAI DRIVE.

SCALE: (In Miles) 4" = 1 mile

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	24' AC	12' AC	24' AC (12' AC)	0
	9' AC	0	9' AC	0
	9'-10' Painted AC	12' Faint AC		
	0	0	0	0
	12' AC	(12' AC)		
	9' AC	(9' AC)		
	2-12'			
All Metal Rails on Metal Posts unless noted otherwise.				
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z				
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z				
Small Urban (99998)				
Rolling (2)				
55 MPH (2) 40 MPH (2)				
Intersection Control Devices: Type, Location and Cycle Timing				
Traffic Stations (Current Year)				
HPMS Sections - AADT 2019				
HPMS Sections - AADT 2018				
HPMS Sections - AADT 2017				
DOD Sections				
Census Tracts				
Functional Classification				
National Highway System (NHS)				
Previous Projects: Project No., Date and Limits				
SCALE: (In Miles) 4" = 1 mile				