



STATE ROUTE SYSTEM

COUNTY OF HAWAII

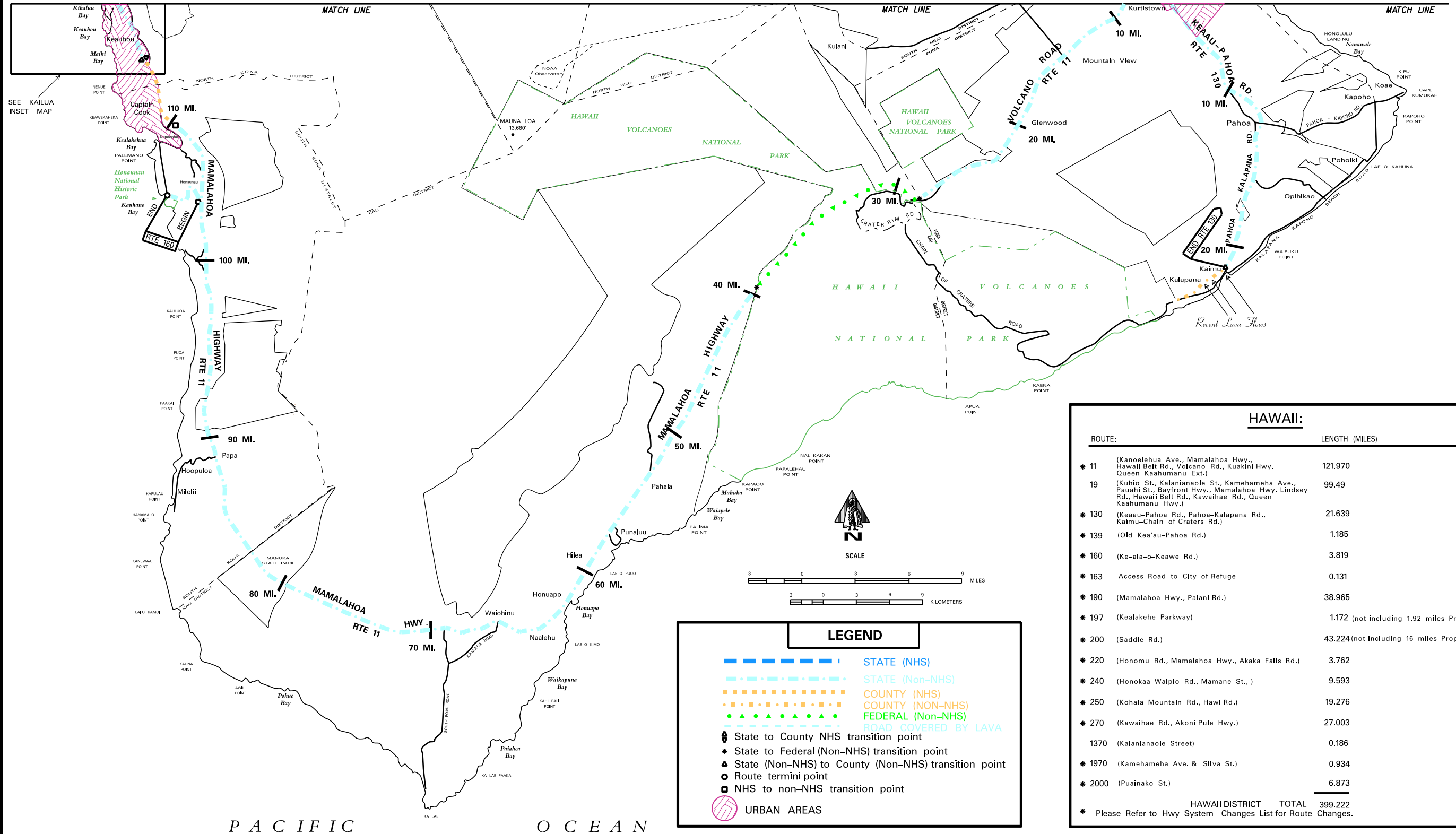
ISLAND OF HAWAII

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 2016



HAWAII:

ROUTE:	LENGTH (MILES)
* 11 (Kaneohe Ave., Mamalahoa Hwy., Hawaii Belt Rd., Volcano Rd., Kuakini Hwy., Queen Kaahumanu Ext.)	121.970
19 (Kuhio St., Kalaniana'ole St., Kamehameha Ave., Pauahi St., Bayfront Hwy., Mamalahoa Hwy., Lindsey Rd., Hawaii Belt Rd., Kawaihae Rd., Queen Kaahumanu Hwy.)	99.49
* 130 (Keaau-Pahoa Rd., Pahoa-Kalapana Rd., Kaimu-Chain of Craters Rd.)	21.639
* 139 (Old Kea'au-Pahoa Rd.)	1.185
* 160 (Ke-ala-o-Keawe Rd.)	3.819
* 163 Access Road to City of Refuge	0.131
* 190 (Mamalahoa Hwy., Palani Rd.)	38.965
* 197 (Kealahake Parkway)	1.172 (not including 1.92 miles Proposed)
* 200 (Saddle Rd.)	43.224(not including 16 miles Proposed)
* 220 (Hononu Rd., Mamalahoa Hwy., Akaka Falls Rd.)	3.762
* 240 (Honokaa-Waipio Rd., Mamane St.,)	9.593
* 250 (Kohala Mountain Rd., Hawi Rd.)	19.276
* 270 (Kawaihae Rd., Akoni Pule Hwy.)	27.003
1370 (Kalaniana'ole Street)	0.186
* 1970 (Kamehameha Ave. & Silva St.)	0.934
* 2000 (Puainako St.)	6.873
HAWAII DISTRICT TOTAL	399.222
* Please Refer to Hwy System Changes List for Route Changes.	

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

STATE ROUTE SYSTEM

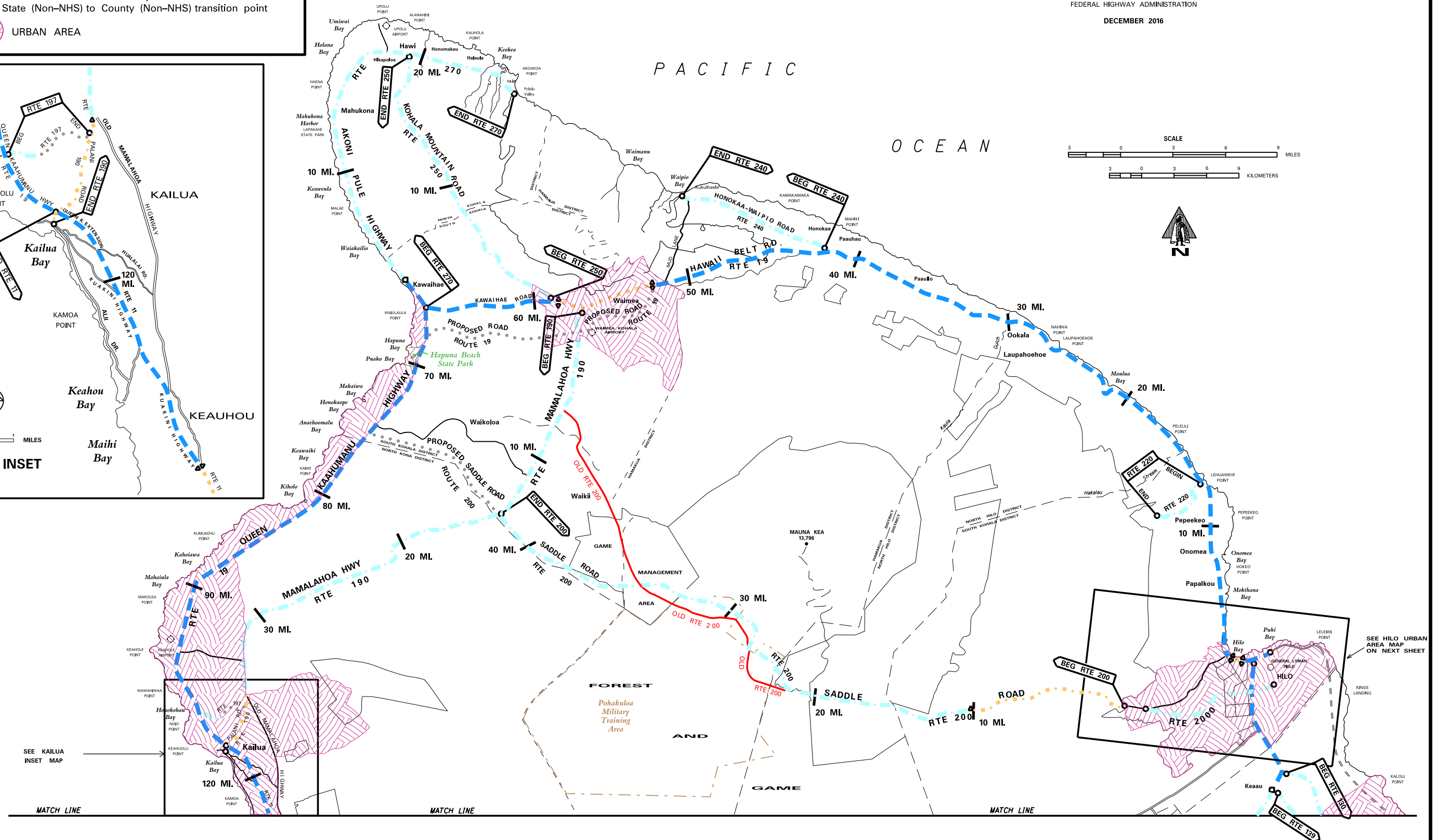
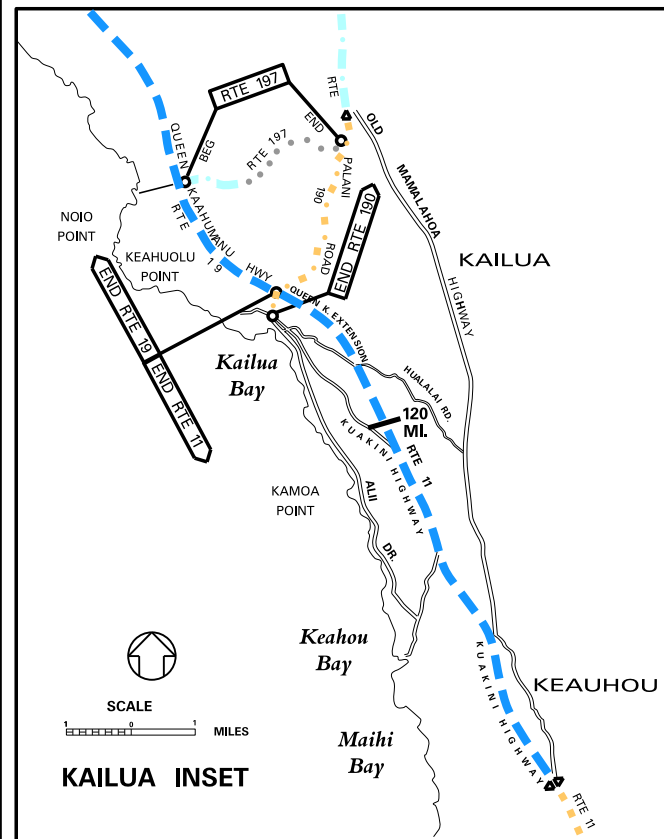
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FEDERAL HIGHWAY ADMINISTRATION

SCALE

3 0 3 6 9 MILES

3 0 3 6 9 KILOMETERS



Date Released	
<i>Dec 2002, JK</i>	
Revised	
<i>Feb. 03</i>	<i>DB</i>
<i>May 04</i>	<i>DB</i>
<i>Mar. 08</i>	<i>DB</i>
<i>Feb. 09</i>	<i>DB</i>
<i>Jun., 10</i>	<i>DB</i>
<i>Feb. 11</i>	<i>DB</i>
<i>Feb. 12</i>	<i>DB</i>
<i>Dec. 13</i>	<i>EPJ</i>
<i>Feb. 16</i>	<i>DB</i>
<i>Feb. 17</i>	<i>DB</i>



STATE OF HAWAII
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- Route termini point
- STATE to COUNTY transition point

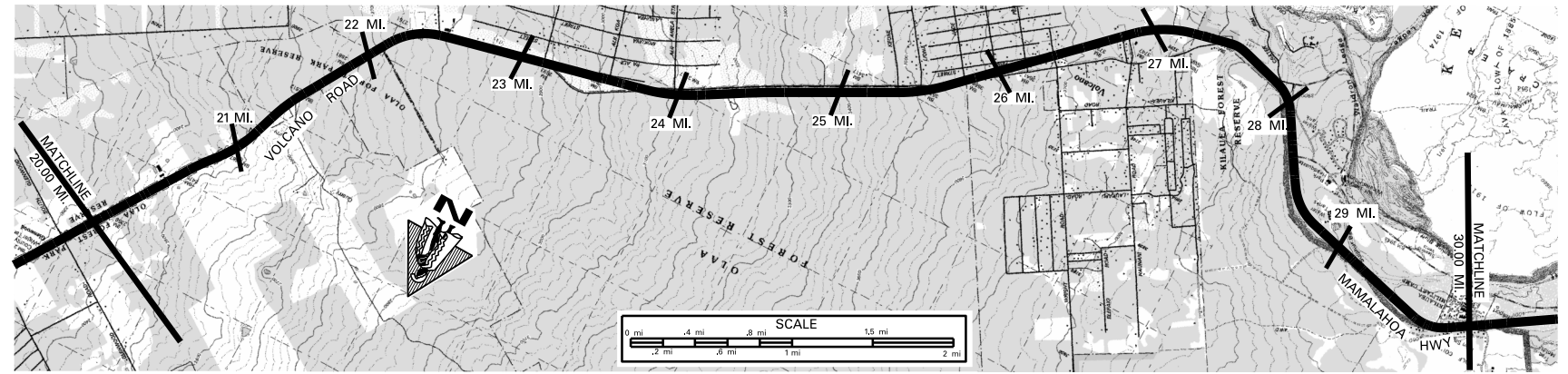
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<i>Feb. 08</i>	<i>DB</i>
<i>Feb. 11</i>	<i>DB</i>
<i>Feb. 12</i>	<i>DB</i>
<i>Dec. 13</i>	<i>EPJ</i>
<i>Dec. 14</i>	<i>EPJ</i>
<i>Jan. 16</i>	<i>EPJ</i>
<i>Jan. 17</i>	<i>EPJ</i>

Total Route Length: 121.970 miles

a. Survey Length: 121.970 miles

b. Proposed Length: 0.00 miles

c. Other Length: 0.00 miles

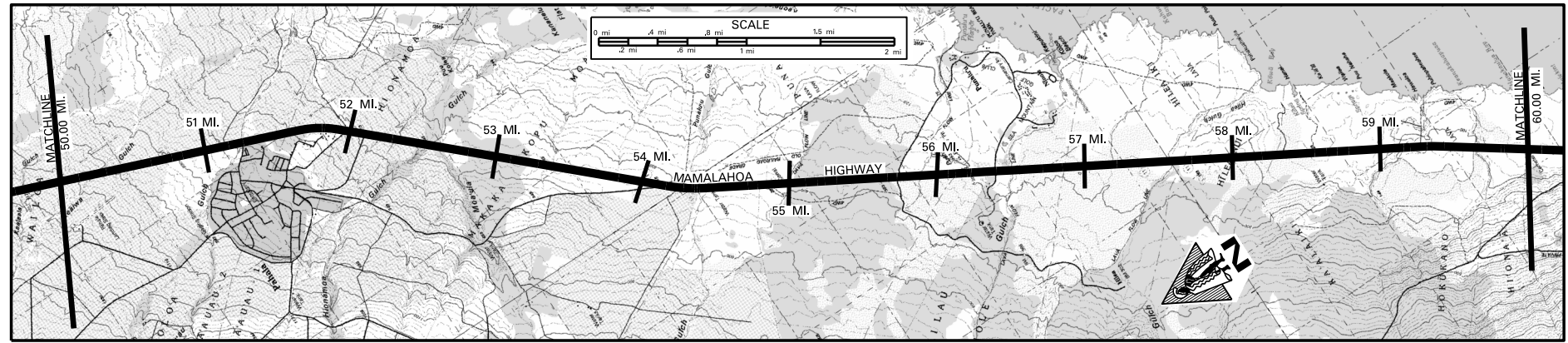
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ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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HIGHWAYS PLANNING BRANCH
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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

11 H (11.86 MI.) END 11G - BEGIN 11H ON MAMALAHOA HWY. AT THE CENTERLINE INTERSECTION WITH KAMANI ST. 11G (9.20 MI.)

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

PRECAST PLANK 2001, H-15 234'	PRE-STRESSED CONC. PLANKS 2003, H-15 126'	CONC. FRAME 1938, H-15 82' 170'	SLAB 1938, H-15 43'	TEE-BEAM 1940, H-15 31'	TIMBER STRINGER 1950, H-15 60'	TIMBER STRINGER 1940, H-15 41'
140'	140'	24' 124'	124'	124'	124'	124'

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

60' 60' 60' 60'-80' 60'

Available Right of Way Width (Needs Study)

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)

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

NONE

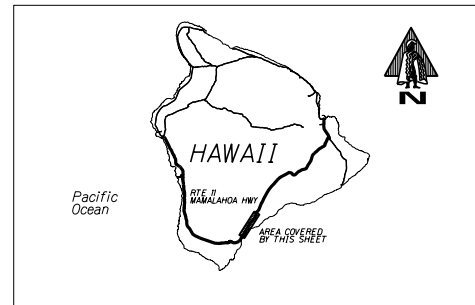
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

STATE

Project No., Type of Construction, and Year Constructed

(11HKL-01-97M, (R), 1998) (11HKL-01-97M, (R), 1998) (11GH-01-82M, (R), 1982) (11G-01-91M, 1992) (11FG-01-90M, (R), 1991)

Project No., Type of Construction, and Year Constructed



Road Diagram
* MP=Milepost Signage

CONTINUED FROM SHEET #5

CONTINUED ON SHEET #7

SCALE: (In Miles) 2" = 1 mile

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

ELK	16' 0" 12'
-----	--

Number of Traffic Lanes

2-11' 2-10'

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

2-11' 2-10'

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

2-11' 2-10'

Sidewalk: Width and Type (Right and Left)

2-11' 2-10'

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

2-11' 2-10'

Protective Devices: Type, Location and Number

ALL GUARDRAILS METAL ON METAL UNLESS OTHERWISE NOTED

Illumination: Type, Location and Number

2-11' 2-10'

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)

2-11' 2-10'

Superelevation (Range)

2-11' 2-10'

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)

2-11' 2-10'

Vertical Curve: Crest or Sag, Curve Limits

2-11' 2-10'

Area and Development:

2-11' 2-10'

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

2-11' 2-10'

Speed: 1=Design, 2=Posted

2-11' 2-10'

Intersection Control Devices: Type, Location and Cycle Timing

2-11' 2-10'

Traffic Stations (Current Year)

2-11' 2-10'

HPMS Sections - AADT 2015

2-11' 2-10'

HPMS Sections - AADT 2014

2-11' 2-10'

HPMS Sections - AADT 2013

2-11' 2-10'

DOD Sections

2-11' 2-10'

Census Tracts

2-11' 2-10'

Functional Classification

2-11' 2-10'

National Highway System (NHS)

2-11' 2-10'

Previous Projects: Project No., Date and Limits

2-11' 2-10'

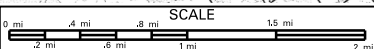
SCALE: (In Miles) 2" = 1 mile

50 51 52 53 54 55 56 57 58 59 60

Date Released	Revised
Jan. 2006, D.B.	
6/06 D.B.	
4/09 D.B.	
9/10 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.	

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* MP= Milipost Signage

	ed	Shoulder: Width and Type
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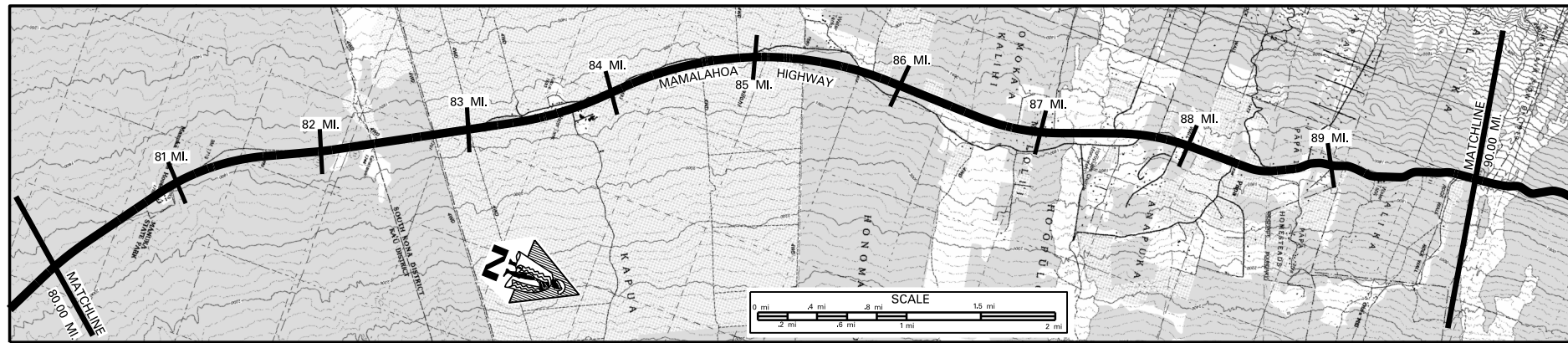
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ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA HWY.

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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
Structure Over Road	Horizontal Clearance

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

Available Right of Way Width (Needs Study)

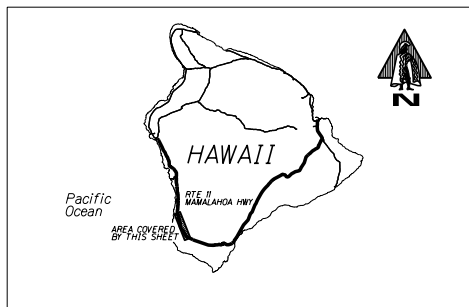
Right of Way Fence: Type - Right and Left

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

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 #8

CONTINUED ON SHEET #10

SCALE: (In Miles) 2" = 1 mile

Divided 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)

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(3.45-5.44) 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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

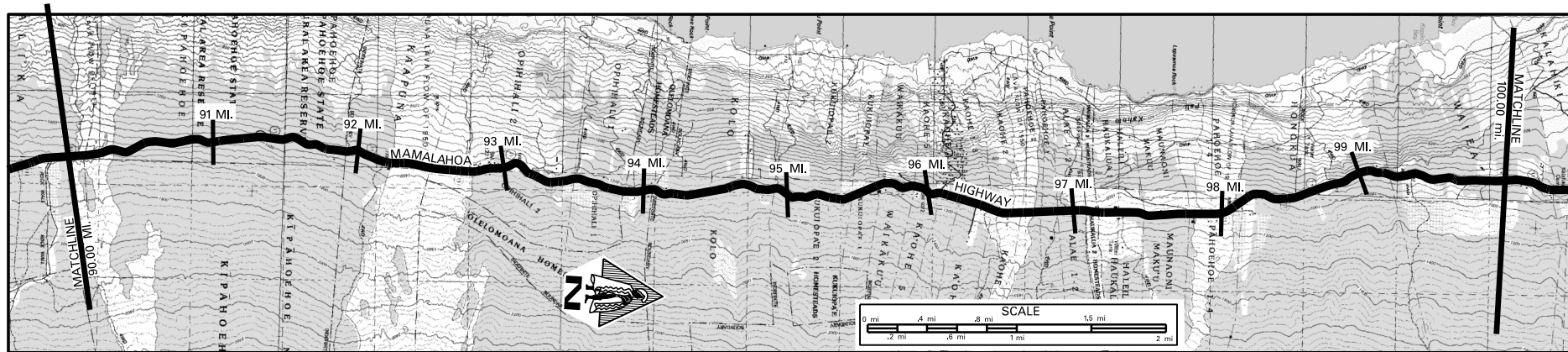
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Maintenance Control Sections : Length and Description

11 C (12.43 MI.)

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

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

Available Right of Way Width (Needs Study)

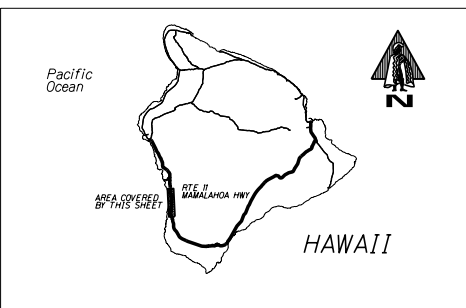
Right of Way Fence: Type - Right and Left

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

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 #9.

CONTINUED ON SHEET # 11

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Shoulder: Width and Type	(EDGE LINE MILLED RUMBLE STRIP)
	Pavement: Width and Type	
	Shoulder: Width and Type	(EDGE LINE MILLED RUMBLE STRIP)
	Median: Width and Type	(CENTERLINE MILLED RUMBLE STRIP)
	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(3.45-5.44) 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

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Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections AADT 2015

HPMS Sections AADT 2014

HPMS Sections AADT 2013

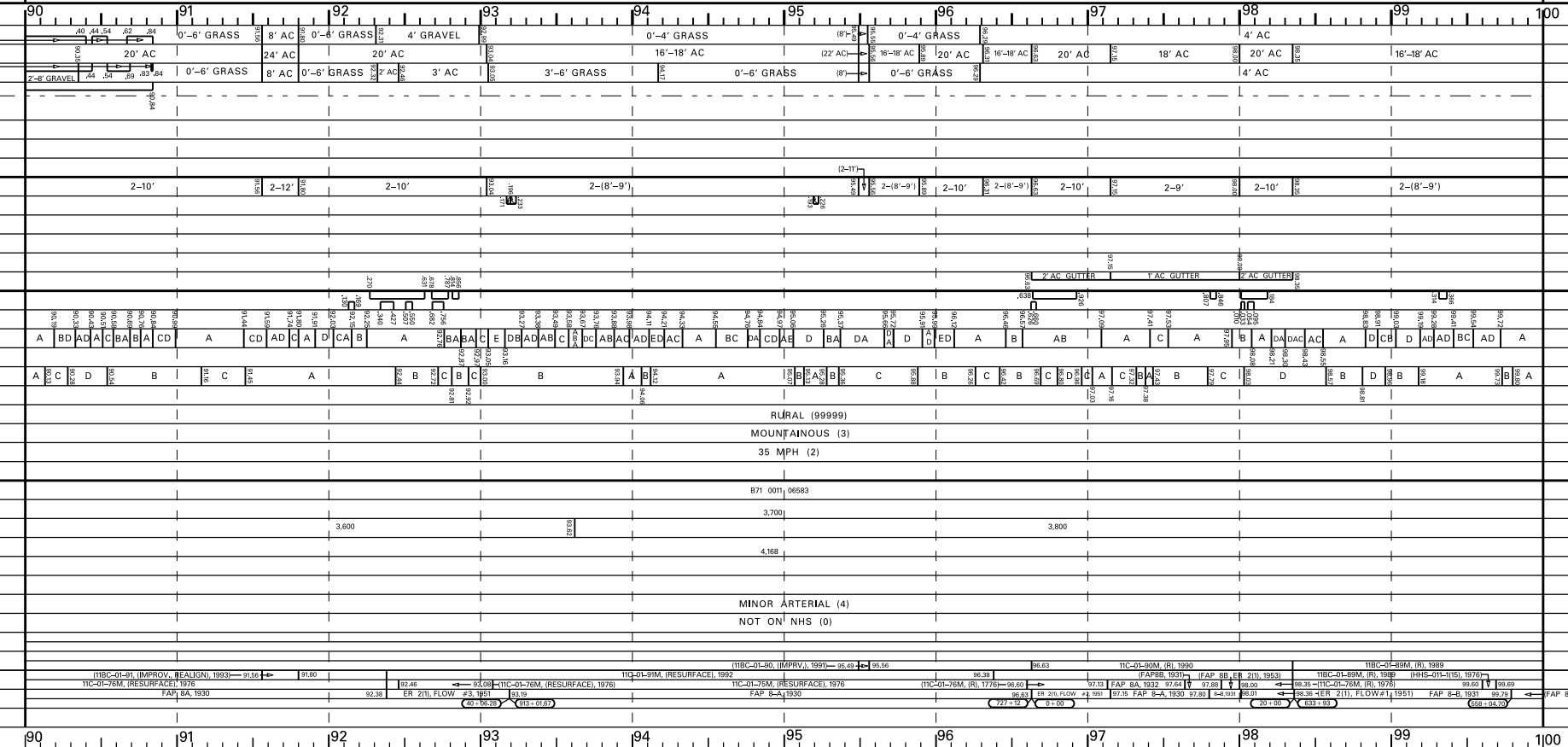
DOD Sections

Census Tracts

Functional Classification

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Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 2" = 1 mile

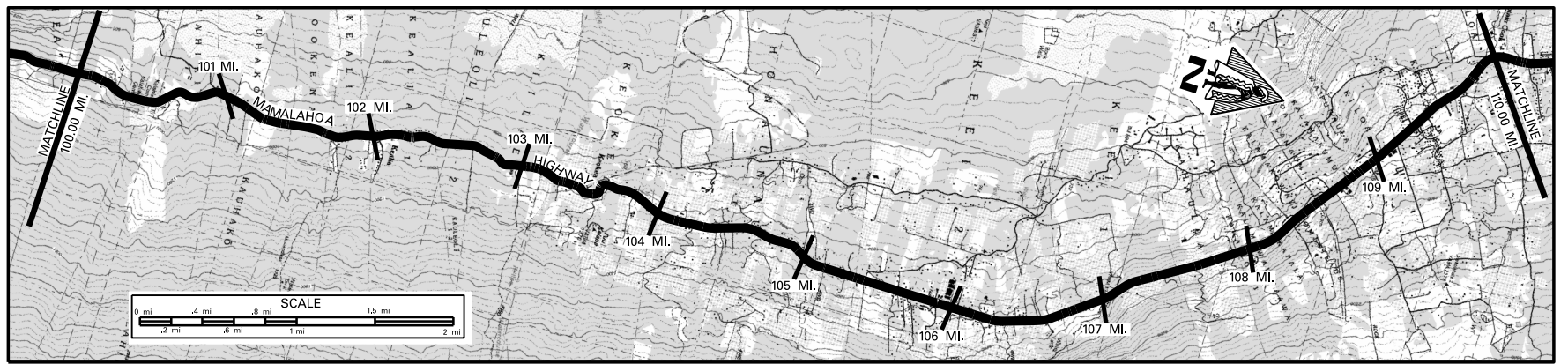
Date Released	Revised
6/06 D.B.	
9/10 D.B.	
2/12 D.B.	
9/12 E.P.J.	
1/13 E.P.J.	
12/13 E.P.J.	
7/14 D.B.	
1/16 E.P.J.	
1/17 E.P.J.	

ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA HWY

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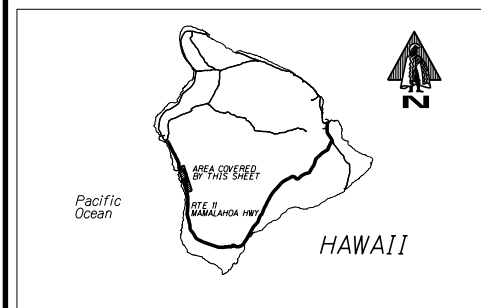
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Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

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Road Diagram

* MP = Milepost Signage

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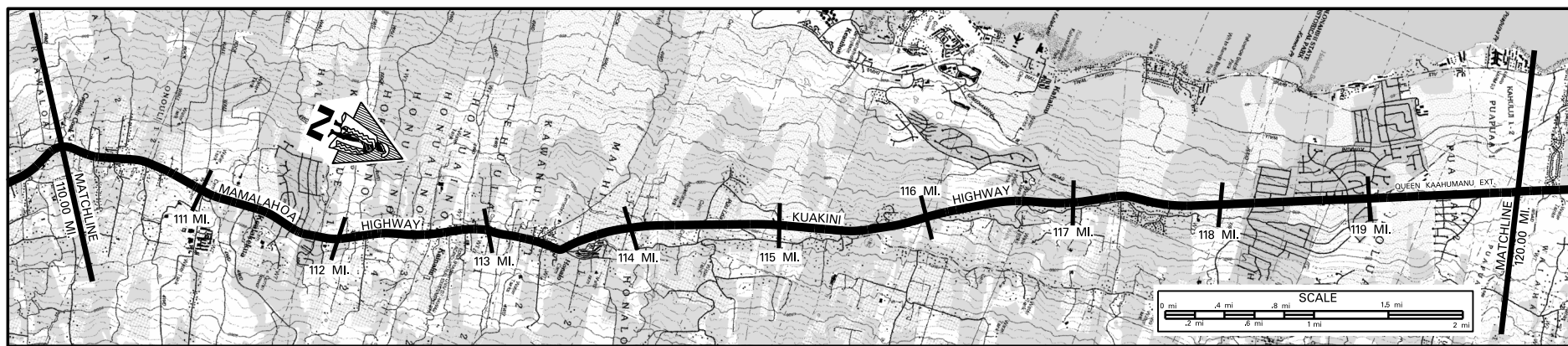
Divided Highway	Shoulder: Width and Type	16'-18' AC	4' AC	18' AC	3' AC	4' AC	18' AC	3' AC	5' AC	6' AC	6' AC	4' GRASS
	Pavement: Width and Type	16'-18' AC	4' AC	18' AC	3' AC	4' AC	18' AC	3' AC	5' AC	6' AC	6' AC	4' GRASS
	Shoulder: Width and Type	16'-18' AC	4' AC	18' AC	3' AC	4' AC	18' AC	3' AC	5' AC	6' AC	6' AC	4' GRASS
	Median: Width and Type	16'-18' AC	4' AC	18' AC	3' AC	4' AC	18' AC	3' AC	5' AC	6' AC	6' AC	4' GRASS
	Median Barriers:	16'-18' AC	4' AC	18' AC	3' AC	4' AC	18' AC	3' AC	5' AC	6' AC	6' AC	4' GRASS
	Shoulder: Width and Type	16'-18' AC	4' AC	18' AC	3' AC	4' AC	18' AC	3' AC	5' AC	6' AC	6' AC	4' GRASS
Number of Traffic Lanes		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
(Right Side)		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Frontage Road: No. of Lanes, and Width (Right and Left)		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Sidewalk: Width and Type (Right and Left)		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Curb and/or Gutter: Type (Right and Left)		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Protective Devices: Type, Location and Number		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Illumination: Type, Location and Number		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
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))		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Superelevation (Range)		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
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))		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Vertical Curve: Crest or Sag, Curve Limits		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Area and Development:		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Speed: 1-Design, 2-Posted		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Intersection Control Devices: Type, Location and Cycle Timing		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Traffic Stations (Current Year)		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
HPMS Sections - AADT 2015		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
HPMS Sections - AADT 2014		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
HPMS Sections - AADT 2013		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
DOD Sections		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Census Tracts		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Functional Classification		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
National Highway System (NHS)		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Previous Projects: Project No., Date and Limits		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
SCALE: (In Miles) 2" = 1 mile		2-(8'-9')	2-9'	2-11'	2-9'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'

Date Released	Revised
Feb 2006, D.B.	
6/06 D.B.	
9/10 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.	

ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA 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

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)

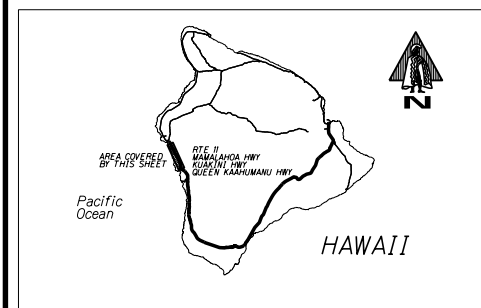
Right of Way Fence: Type - Right and Left

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



Road Diagram

* MP= Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Divided 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)

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(3.45-5.44) 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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

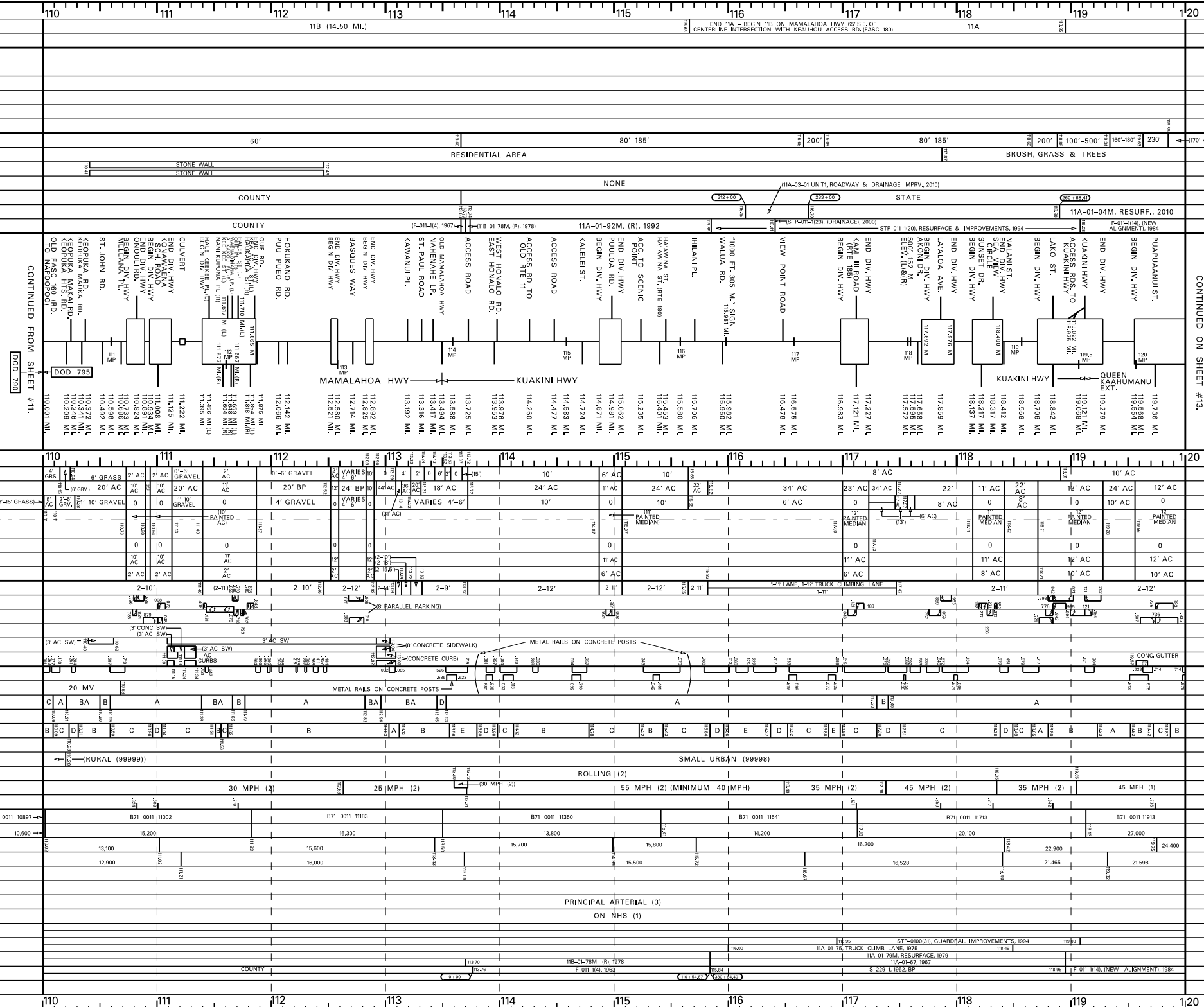
Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile



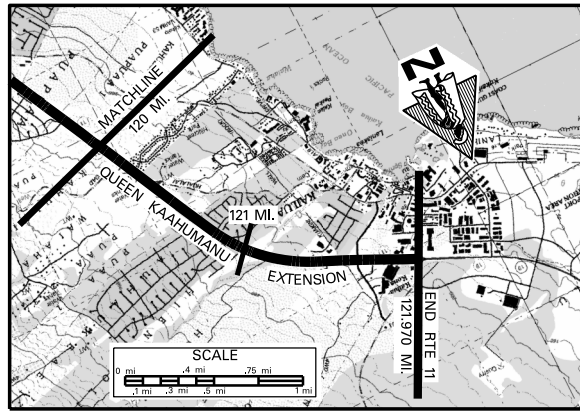
Date Released	Revised
6/06 D.B.	
2/08 D.B.	
9/10 D.B.	
2/11 D.B.	
2/12 D.B.	
9/12 E.P.J.	
1/13 E.P.J.	
12/13 E.P.J.	
7/14 D.B.	
1/16 E.P.J.	
1/17 E.P.J.	

ROAD INVENTORY
HAWAII RTE 11
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

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

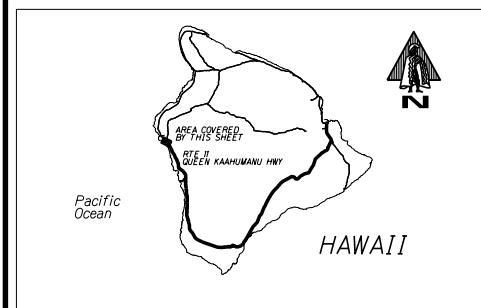
Control of Access: 1-None, 2-Partial, 3-Full

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

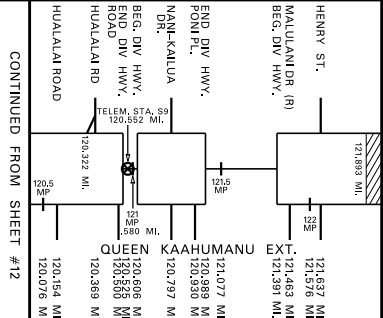
(F-011-114), (NEW ALIGNMENT), 1984



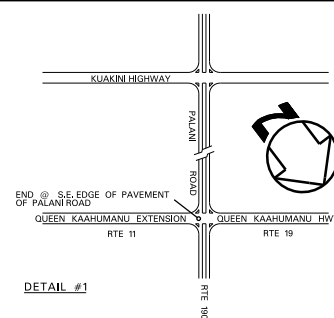
Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #12



END RTE 11 ON QUEEN KAAHUMANU EXT. AT THE SOUTHEAST EDGE OF PAVEMENT OF PALANI ROAD (RTE 190).
* NOTE: ROUTE LENGTH ADJUSTED TO MATCH 1/5 VIDEOLOG & 1/5 FEATURES DATABASE.
* 121.970 MI.



DETAIL #1

SCALE: (In Miles) 2" = 1 mile

Divided 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)

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(3.45-5.44) 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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

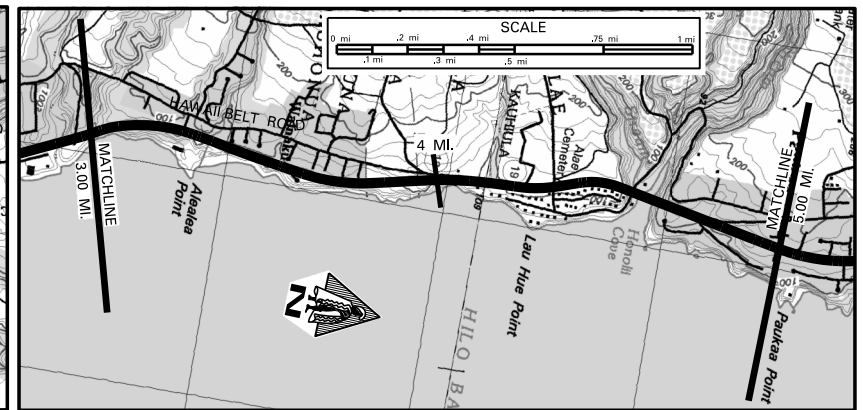
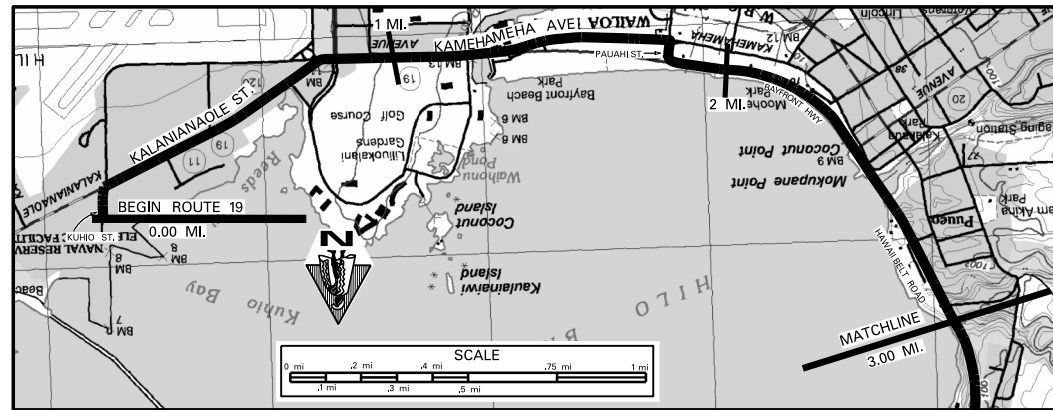
SCALE: (In Miles) 2" = 1 mile

Date Released	Revised
Feb 2006, D.B.	
6/06 D.B.	
9/10 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.	

ROAD INVENTORY
HAWAII RTE 19
KUHIO ST., KALANIANA'OLE ST., KAMEHAMEHA AVE.,
PAUAHI ST., BAY FRONT HWY, 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: 99.49 miles
a. Survey Length: 99.49 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



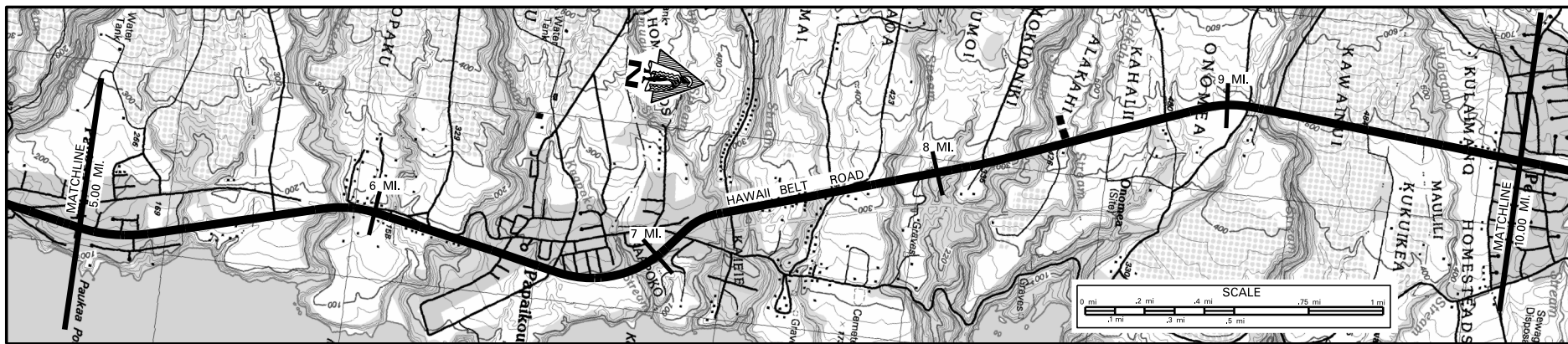
SCALE: (In Miles) 4" = 1 mile		0	1	2	3	4	5
Maintenance Control Sections : Length and Description		END 19L SAME AS BEGIN RTE 19	19L (2.57 MI.)	END 19K AND BEGIN 19L AT N.W. END OF WAILUKU BR.	19K (1.63 MI.)	END 19J AND BEGIN 19K AT ALAE CEM. ACCESS RD.	19J (10.76 MI.)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed		PRE-STRESSED CONC. GIRDER 1993, HS-20-44	STEEL MULTISTRINGER 1950, H20	TEE BEAM 1949, H20	CONCRETE TEE BEAM 1936 HTS	
	Vertical Clearance		152'	442'	146'	544'	
	Horizontal Clearance		106'	28'	28'	24'	
	Vertical Clearance					23'-02" 18'-02"	
Structure Over Road	Horizontal Clearance					57' 44'	
	Right of Way Width (min.-max.) if varies				75'-120'	70'-261'	
	Available Right of Way Width (Needs Study)						
	Right of Way Fence: Type - Right and Left						
Control of Access: 1=None, 2=Partial, 3=Full		NONE	STATE	PARTIAL	NONE		
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)			STATE	COUNTY	STATE		
Project No., Type of Construction, and Year Constructed		STP-019-2(32), (RESURFACE)	BR-F-019-2(27), 1993 BRIDGE REPLACEMENT	SDR 3(8), 1950	BR-019-2(50), 2000 OVERPASS REMOVAL	STP-019-2(34), (RESURFACE), 1998	(19J-01-97M, (R), 1999)
Project No., Type of Construction, and Year Constructed		STP-0100(037), (IMPRV.), 1997	NH-019-2(54), (BIKEWAY IMPRV.), 2003	STP-019-2(31), (R), 1995			
 Road Diagram * MP = Milepost Signage Indicates Grass & / or Physical Barrier on Median.		BEGIN ROUTE 19 ON KUHIO STREET AT THE ENTRANCE TO KUHIO WHARF.	0.00 MI.	0.00 MI.	0.00 MI.	0.00 MI.	0.00 MI.
		0.00 MI.	0.00 MI.	0.00 MI.	0.00 MI.	0.00 MI.	0.00 MI.
SCALE: (In Miles) 4" = 1 mile		0	1	2	3	4	5
Divided Highway	Shoulder: Width and Type	6'-8" GRASS	6'-8" GRASS	6'-8" GRASS	6'-8" GRASS	6'-8" GRASS	6'-8" GRASS
	Pavement: Width and Type	28' 15" GRSS./GRV.	28' 15" GRSS./GRV.	28' 15" GRSS./GRV.	28' 15" GRSS./GRV.	28' 15" GRSS./GRV.	28' 15" GRSS./GRV.
	Shoulder: Width and Type	6'-8" GRASS	6'-8" GRASS	6'-8" GRASS	6'-8" GRASS	6'-8" GRASS	6'-8" GRASS
	Median: Width and Type	0' 0" PAINTED	0' 0" PAINTED	0' 0" PAINTED	0' 0" PAINTED	0' 0" PAINTED	0' 0" PAINTED
	Median Barriers:	0' 0" PAINTED	0' 0" PAINTED	0' 0" PAINTED	0' 0" PAINTED	0' 0" PAINTED	0' 0" PAINTED
Number of Traffic Lanes		2-14'	2-14'	2-14'	2-14'	2-14'	2-14'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		10' PARKING LN.	10' PARKING LN.	10' PARKING LN.	10' PARKING LN.	10' PARKING LN.	10' PARKING LN.
Frontage Road: No. of Lanes, and Width (Right and Left)		12' TL	12' TL	12' TL	12' TL	12' TL	12' TL
Sidewalk: Width and Type (Right and Left)		6'-8" (CONCRETE)	6'-8" (CONCRETE)	6'-8" (CONCRETE)	6'-8" (CONCRETE)	6'-8" (CONCRETE)	6'-8" (CONCRETE)
Curb and/or Gutter: Type (Right and Left)		CONC. CURB	CONC. CURB	CONC. CURB	CONC. CURB	CONC. CURB	CONC. CURB
Protective Devices: Type, Location and Number		ALL METAL ON METAL (UNLESS NOTED OTHERWISE)	ALL METAL ON METAL (UNLESS NOTED OTHERWISE)	ALL METAL ON METAL (UNLESS NOTED OTHERWISE)	ALL METAL ON METAL (UNLESS NOTED OTHERWISE)	ALL METAL ON METAL (UNLESS NOTED OTHERWISE)	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)		A	A	A	A	A	A
Superelevation (Range)		0.00	0.00	0.00	0.00	0.00	0.00
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)		B	A	A	B	A	A
Vertical Curve: Crest or Sag, Curve Limits							
Area and Development:							
Terrain: 1=Flat, 2=Rolling, 3=Mountainous		FLAT (1)	FLAT (1)	FLAT (1)	FLAT (1)	FLAT (1)	FLAT (1)
Speed: 1=Design, 2=Posted		NOT POSTED	35 MPH (2)	55 MPH (2)	45 MPH (1)	35 MPH (2)	55 MPH (2) (MINIMUM 40 MPH)
Intersection Control Devices: Type, Location and Cycle Timing							
Traffic Stations (Current Year)		871 0019 00000	871 0019 00008	871 0019 00079	871 0019 00120	871 0019 00178	871 0019 00245
HPMS Sections - AADT 2015		1,300	9,900	10,700	21,600	8,400	12,600
HPMS Sections - AADT 2014		2,900	14,400	14,000	14,000	N/A	14,300
HPMS Sections - AADT 2013		(15,807)	14,300	20,500	23,400	10,200	16,047
DOD Sections							
Census Tracts							
Functional Classification							
National Highway System (NHS)							
Previous Projects: Project No., Date and Limits							
SCALE: (In Miles) 4" = 1 mile		0	1	2	3	4	5

Date Released	Revised
Feb 2006, D.B.	
6/06	D.B.
9/10	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.

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

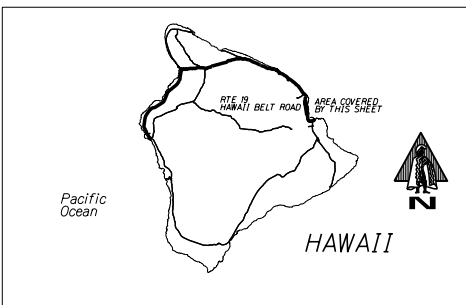
Total Route Length: 99.49 miles
a. Survey Length: 99.49 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed		CONC. MASONRY ARCH HS-20, 1912, (1967)		STEEL GIRDER & FLOOR BEAM H-20, 1950		PRESTRESSED BEAM HS-20, 1967		PRESTRESSED BEAM HS-20, 1967		PRESTRESSED BEAM HS-20, 1968		STEEL GIRDER & FLOOR BEAM H-20, 1948		PRESTRESSED BEAM 1968, HS-20		
	Vertical Clearance		49'		415'		210'		145'		424'		71'		198'		
	Horizontal Clearance		24'		28'		28'		28'		28'		24'		28'		
	Vertical Clearance						15' 11"										
	Horizontal Clearance						42'										
Right of Way Width (min.-max.) if varies			70'-261'		70'-125'		100'-250'				80'-135'						
Available Right of Way Width (Needs Study)													(SUGAR CANE) RESIDENTIAL				
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)							NONE STATE										
Project No., Type of Construction, and Year Constructed			19J-01-97M, (R), 1999		19J-01-10, SAFETY IMPROV., 2015				STP-019-2(35), (RESURFACE), 1997								
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

Divided Highway	Undivided	Shoulder: Width and Type	6' AC										5'-10' AC										6' AC										5'-8' AC										8'-14' GRASS/GRAVEL										4' AC										8'-18' GRAVEL										11'-19' GRAVEL										3' AC										6' AC										(12'-4' AC)									
		Pavement: Width and Type	6' AC										24' AC										6' AC										22' AC										35' AC										22' AC										12' AC										0																																							
		Shoulder: Width and Type	6' AC										5' AC										6' AC										8'-12' GRASS/GRAVEL										4'-6' AC										6'-15' GRAVEL										18'-23' GRAVEL										10'-13' AC/GRAVEL										12' AC										0																			
		Median: Width and Type	6' AC										5' AC										6' AC										8'-12' GRASS/GRAVEL										4'-6' AC										6'-15' GRAVEL										18'-23' GRAVEL										10'-13' AC/GRAVEL										12' AC										0																			
		Median Barriers:	6' AC										5' AC										6' AC										8'-12' GRASS/GRAVEL										4'-6' AC										6'-15' GRAVEL										18'-23' GRAVEL										10'-13' AC/GRAVEL										12' AC										0																			
		Shoulder: Width and Type	6' AC										5' AC										6' AC										8'-12' GRASS/GRAVEL										4'-6' AC										6'-15' GRAVEL										18'-23' GRAVEL										10'-13' AC/GRAVEL										12' AC										0																			
		Pavement: Width and Type	6' AC										5' AC										6' AC										8'-12' GRASS/GRAVEL										4'-6' AC										6'-15' GRAVEL										18'-23' GRAVEL										10'-13' AC/GRAVEL										12' AC										0																			
		Shoulder: Width and Type	6' AC										5' AC										6' AC										8'-12' GRASS/GRAVEL										4'-6' AC										6'-15' GRAVEL										18'-23' GRAVEL										10'-13' AC/GRAVEL										12' AC										0																			
		Number of Traffic Lanes	2-12'										2-11'										2-11'										2-11'										2-11'										2-12'										0																																																	
		Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	2-12'										2-11'										2-11'										2-11'										2-11'										2-12'										0																																																	
	(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	(1) METAL ON METAL, (2) WOOD ON CONC., (3) METAL ON CONC.																																																																																																															
Illumination: Type, Location and Number																																																																																																																
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Census Tracts																																																																																																																
Functional Classification																																																																																																																
National Highway System (NHS)																																																																																																																
Previous Projects: Project No., Date and Limits																																																																																																																

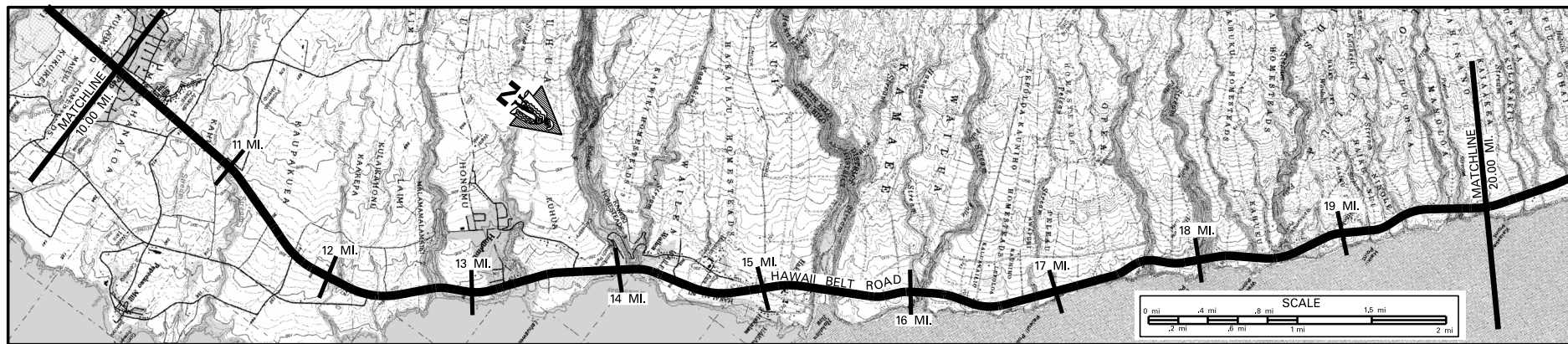
SCALE: (In Miles) 4" = 1 mile

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: 99.49 miles
a. Survey Length: 99.49 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.) if varies

Available Right of Way Width (Needs Study)

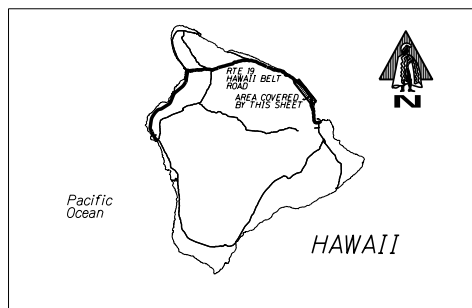
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or
Physical Barrier on Median.

Road Diagram
* MP= Milepost Signage

CONTINUED FROM SHEET #2

CONTINUED ON SHEET #4

SCALE: (In Miles) 2" = 1 mile

Divided 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)

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; (2) WOOD ON CONCRETE

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

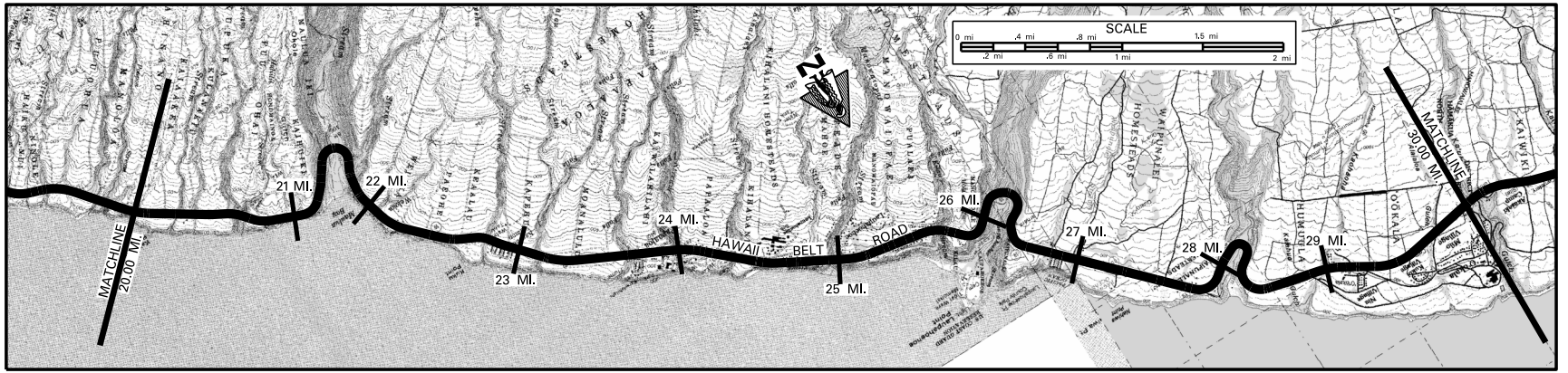
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 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: 99.49 miles
a. Survey Length: 99.49 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

Structure
Over
Road

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

Available Right of Way Width (Needs Study)

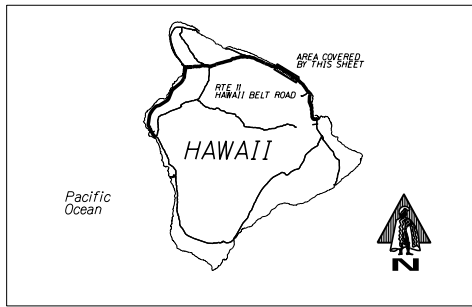
Right of Way Fence: Type - Right and Left

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 #3

CONTINUED ON SHEET #5

SCALE: (In Miles) 2" = 1 mile

Divided 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)

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

(1) METAL ON METAL (2) WOOD ON CONCRETE (3) METAL ON CONCRETE

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 2015

HPMS Sections AADT 2014

HPMS Sections AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

Date Released	Revised
6/06 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.	

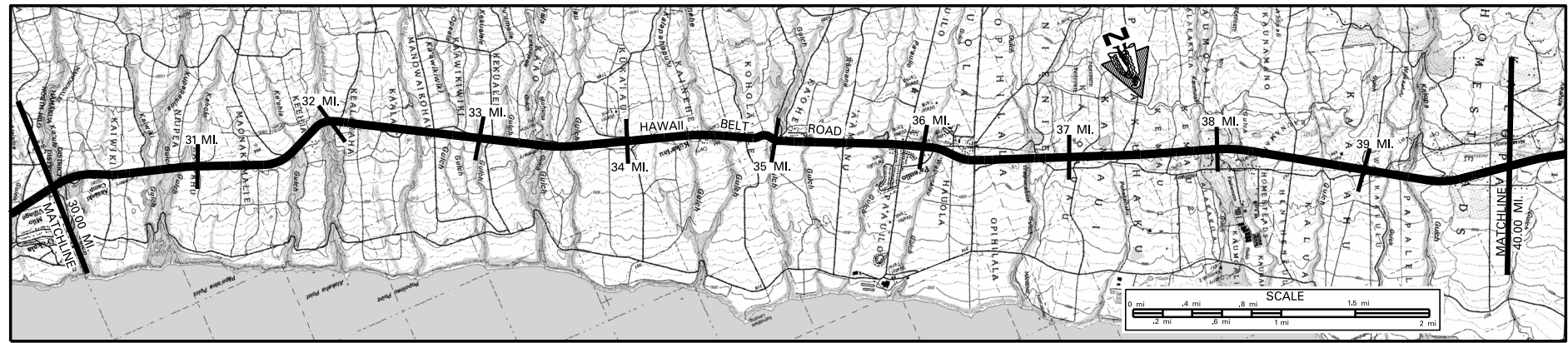
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 19 HAWAII BELT ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 99.49 miles
a. Survey Length: 99.49 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
Over
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)

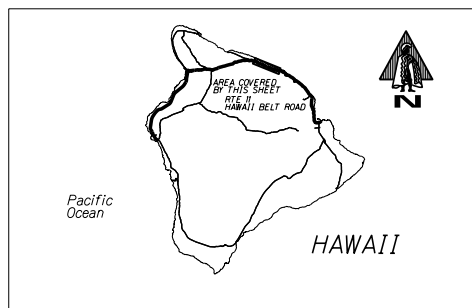
Right of Way Fence: Type - Right and Left

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

SCALE: (In Miles) 2" = 1 mile

Divided Highway
Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Median: Width and Type

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 (1) METAL RAIL ON METAL POST (2) WOOD RAILS ON CONCRETE POSTS

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

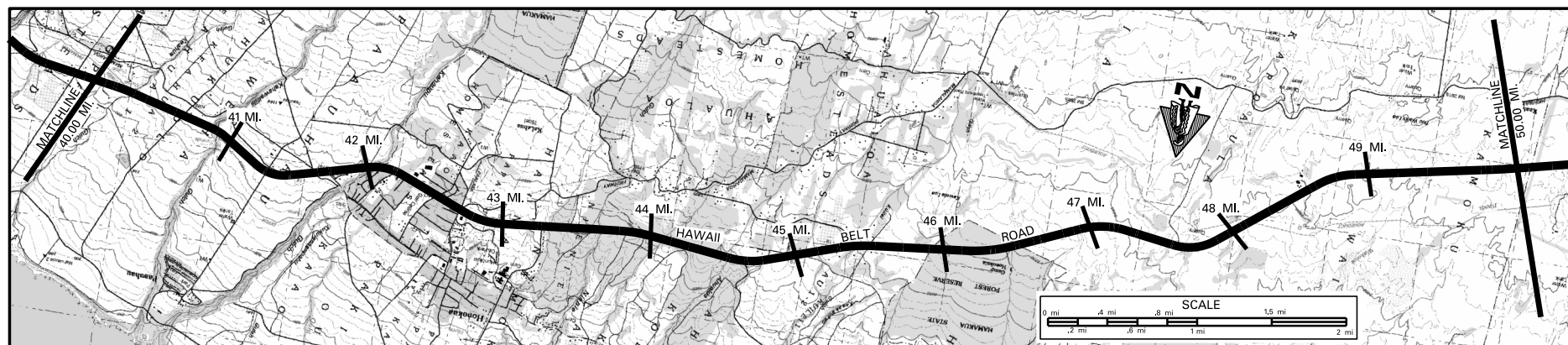
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY HAWAII RTE 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: 99.49 miles
a. Survey Length: 99.49 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
Structure Over Road	Horizontal Clearance

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

Available Right of Way Width (Needs Study)

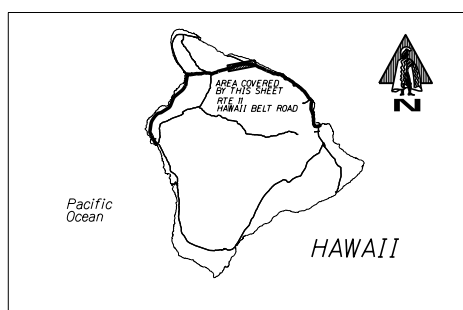
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Indicates Grass & / or
Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

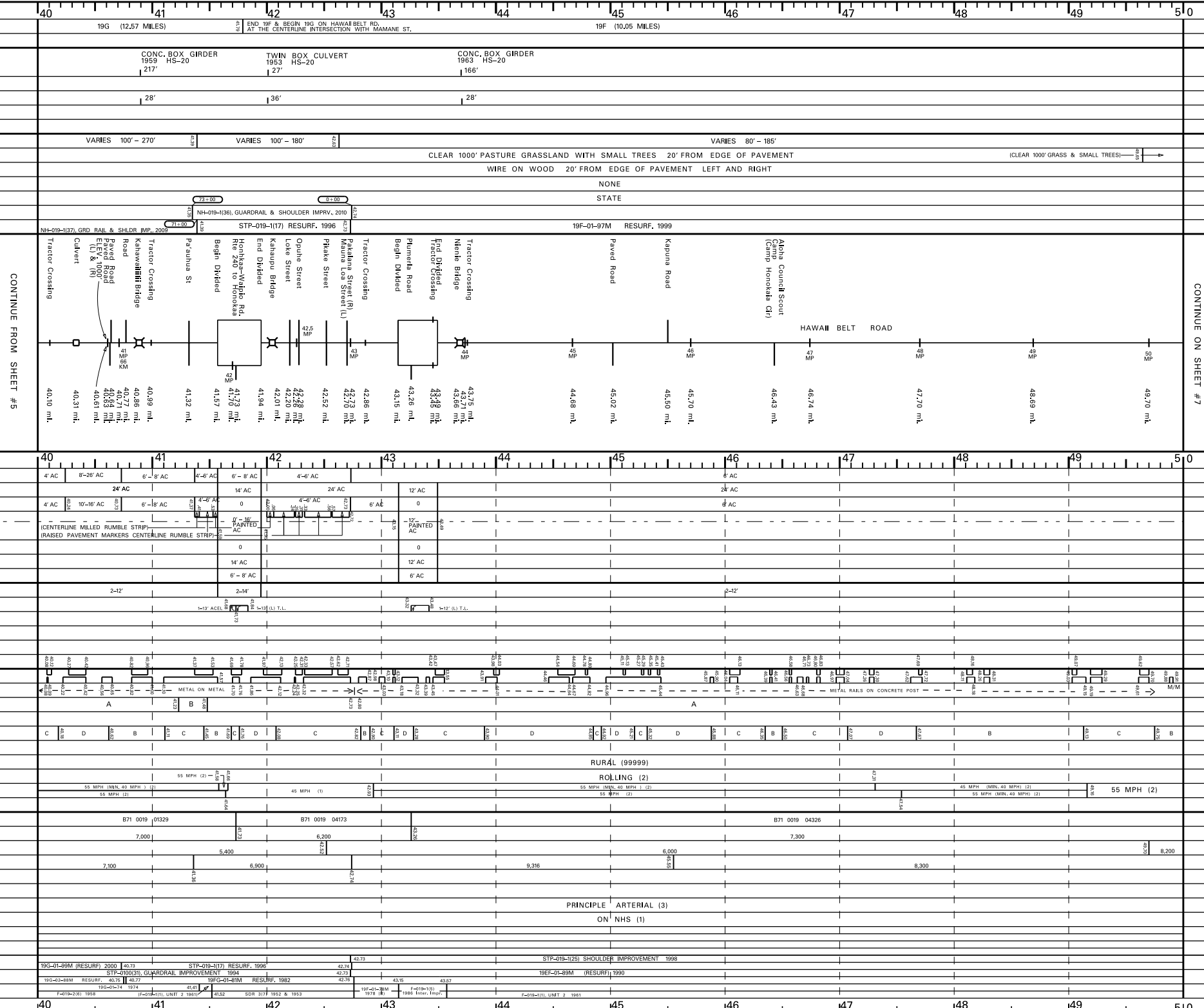
Census Tracts

Functional Classification

National Highway System (NHS)

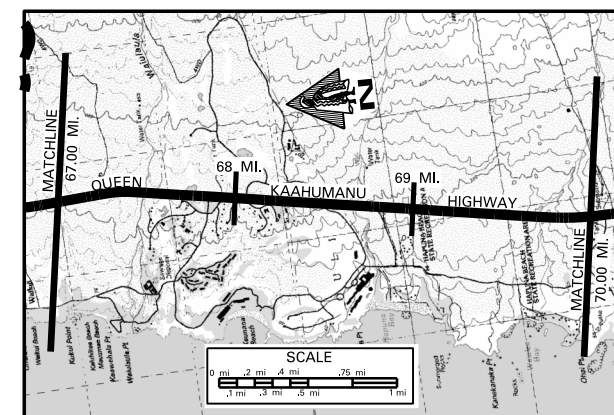
Previous Projects: Project No., Date and Limits

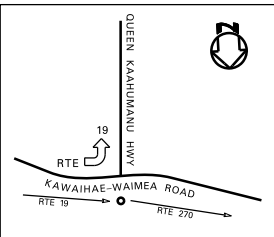
SCALE: (In Miles) 2" = 1 mile



Date Released	Revised
Feb 2006, D.B.	
	G.R. 4 / 06
	D.B. 9/10
	D.B. 3/11
	D.B. 2/12
	E.P.J. 9/12
	E.P.J. 1/13
	E.P.J. 12/13
	D.B. 7/14
	E.P.J. 1/15
	E.P.J. 1/17

**ROAD INVENTORY
HAWAII RTE 1
KAPAHU HWY, KA
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**



Maintenance Control Sections : Length and Description		60		61		62		63		64		65		66		67		68		69		70	
		19D (8.92 MILES)												END 19C - BEGIN 19D ON QUEEN KAAHUMANU HWY AT CENTERLINE OF KAWAIHAE-MAHUKONA ROAD		19C (15.04 MILES)							
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed																						
	Vertical Clearance																						
	Horizontal Clearance																						
	Vertical Clearance																						
Structure Over Road	Horizontal Clearance																						
	Right of Way Width (min.-max.) if varies																						
	Available Right of Way Width (Needs Study)																						
	Right of Way Fence: Type - Right and Left																						
Control of Access: 1-None, 2-Partial, 3-Full																							
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																							
		CONTINUE FROM SHEET #7																					
		CONTINUE ON SHEET #9																					
SCALE: (In Miles) 2" = 1 mile		60 61 62 63 64 65 66 67 68 69 70																					
Divided Highway	Undivided																						
	Shoulder: Width and Type																						
	Pavement: Width and Type																						
	Shoulder: Width and Type																						
	Median: Width and Type																						
	Median Barriers:																						
Divided Highway	Shoulder: Width and Type																						
	Pavement: Width and Type																						
	Shoulder: 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 INDICATED																					
Illumination: Type, Location and Number																							
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62))																							
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 2015																							
HPMS Sections - AADT 2014																							
HPMS Sections - AADT 2013																							
DOD Sections																							
Census Tracts																							
Functional Classification																							
National Highway System (NHS)																							
Previous Projects: Project No., Date and Limits																							
		SCALE: (In Miles) 2" = 1 mile																					
		60 61 62 63 64 65 66 67 68 69 70																					

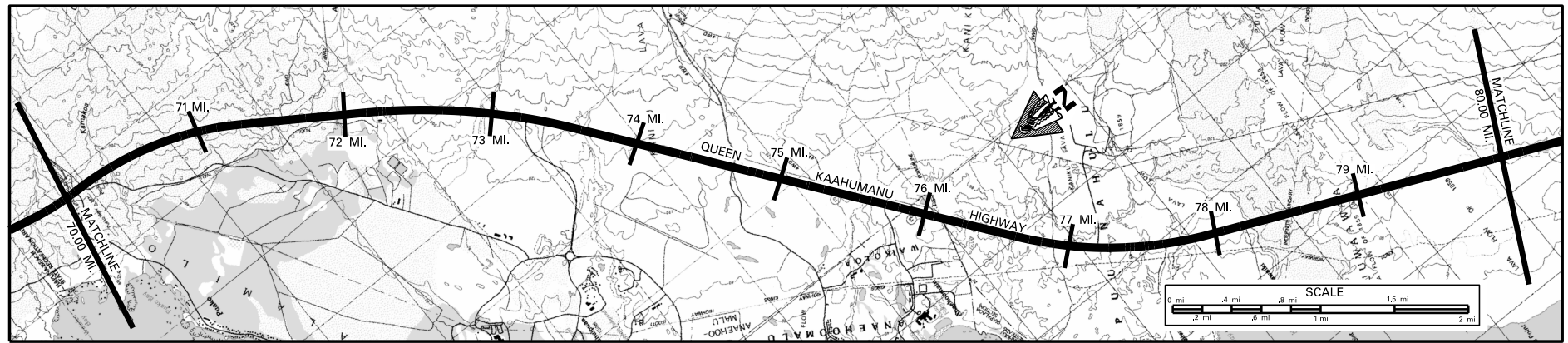
Date Released	
<i>Feb 2006, D.B.</i>	
Revised	
G.N.	4 / 06
<i>D.B.</i>	<i>1/07</i>
<i>D.B.</i>	<i>2/08</i>
<i>D.B.</i>	<i>9/10</i>
<i>D.B.</i>	<i>2/11</i>
<i>D.B.</i>	<i>2/12</i>
<i>E.P.J.</i>	<i>9/12</i>
<i>E.P.J.</i>	<i>1/13</i>
<i>E.P.J.</i>	<i>12/13</i>
<i>D.B.</i>	<i>7/14</i>
<i>E.P.J.</i>	<i>1/16</i>
<i>E.P.J.</i>	<i>1/17</i>

ROAD INVENTORY
HAWAII RTE 19
QUEEN KAAHUMANU 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: 99.49 miles
a. Survey Length: 99.49 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

19C (15.04 MILES)

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

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

340' - 420'

Available Right of Way Width (Needs Study)

CLEAR 1000' - GRASS, BUSHES AND LAVA ROCK 8' - 10' FROM EDGE OF PAVEMENT

310' - 390' (CLEAR 1000' - LAVA ROCK 8'-10' FROM EDGE OF PAVEMENT)

Right of Way Fence: Type - Right and Left

NONE

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

NONE

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

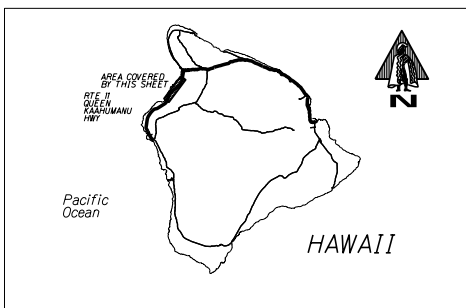
STATE

Project No., Type of Construction, and Year Constructed

NH-019-1(33), RESURFACING, 2005

Project No., Type of Construction, and Year Constructed

NH-019-1(31) 2004 GUARDRAIL AND SHOULDER IMPROVEMENT



Indicates Grass & / or
Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage

CONTINUE FROM SHEET #8

CONTINUE ON SHEET #10

SCALE: (In Miles) 2" = 1 mile

Divided 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

70	71	72	73	74	75	76	77	78	79	80
12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC
0	0	0	0	0	0	0	0	0	0	0
PAINTED MEDIAN	PAINTED MEDIAN	PAINTED MEDIAN	PAINTED MEDIAN	PAINTED MEDIAN	PAINTED MEDIAN	PAINTED MEDIAN	PAINTED MEDIAN	PAINTED MEDIAN	PAINTED MEDIAN	PAINTED MEDIAN
0	0	0	0	0	0	0	0	0	0	0
12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC
SEAL COAT	SEAL COAT	SEAL COAT	SEAL COAT	SEAL COAT	SEAL COAT	SEAL COAT	SEAL COAT	SEAL COAT	SEAL COAT	SEAL COAT
12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC

Number of Traffic Lanes

2 - 12'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

M/M = METAL RAILS ON METAL POST
M/C = METAL RAILS ON CONC. POST

Illumination: Type, Location and Number

NONE

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

A

Superelevation (Range)

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

B

A

C

A

C

A

B

A

B

A

B

A

B

A

B

A

B

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

SMALL URBAN (99998)

Speed: 1-Design, 2-Posted

55 MPH (2)

ROLLING (2)

45 MPH (1)

Intersection Control Devices: Type, Location and Cycle Timing

55 MPH (2)

Traffic Stations (Current Year)

871 0019 07467

HPMS Sections - AADT 2015

13,700

HPMS Sections - AADT 2014

13,700

HPMS Sections - AADT 2013

13,700

DOD Sections

13,700

Census Tracts

13,700

Functional Classification

13,700

National Highway System (NHS)

13,700

Previous Projects: Project No., Date and Limits

19C-01-94M 1994 SHOULDER IMPROVEMENT

19C-01-91M 1992 SHOULDER IMPROVEMENT

STP-019-1(23) 1997 SHOULDER IMPROVEMENT

19BC-01-71 PHASE IIIA 1975 PAVING

19BC-01-71 PHASE IIIA (GRADING) 1974

19BC-01-71 (PHASE III B) (GRADING 1974 AND PAVING) 1975

19C-01-94M 1994 SHOULDER IMPROVEMENT

19C-01-91M 1992 SHOULDER IMPROVEMENT

STP-019-1(23) 1997 SHOULDER IMPROVEMENT

19BC-01-71 PHASE IIIA 1975 PAVING

19BC-01-71 PHASE IIIA (GRADING) 1974

19BC-01-71 (PHASE III B) (GRADING 1974 AND PAVING) 1975

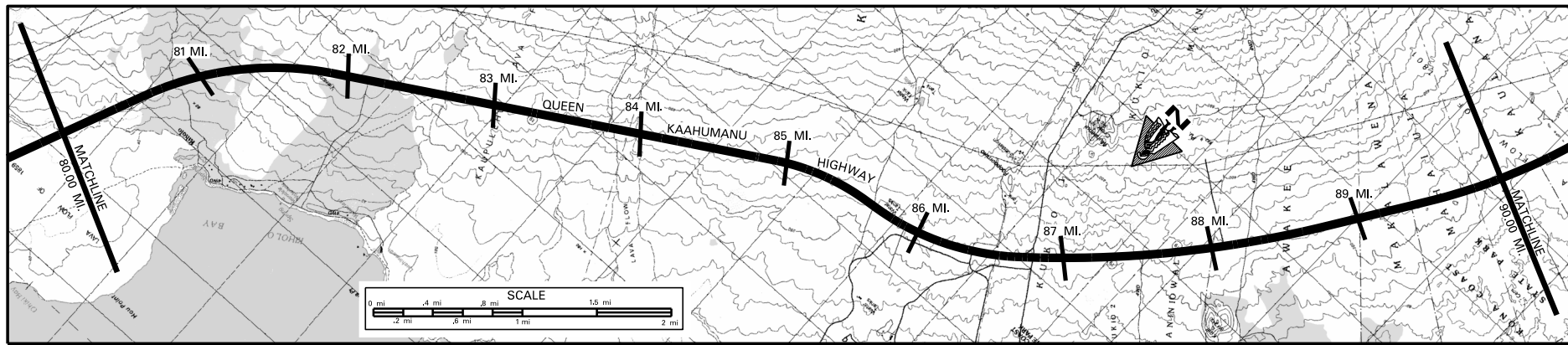
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 19
QUEEN KAAHUMANU 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: 99.49 miles
a. Survey Length: 99.49 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

19C (15.04 MILES)

END 19B - BEG 19C
AT KIHLOO LOOKOUT

19B (15.49 MILES)

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

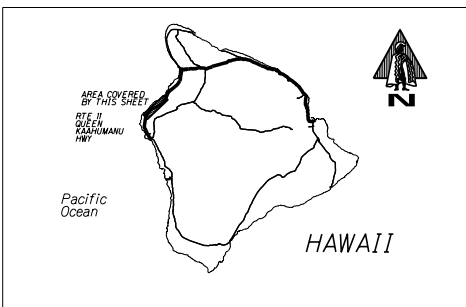
Control of Access: 1=None, 2=Partial, 3=Full

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

CONTINUE FROM SHEET #9



Indicates Grass & / or
Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage

CONTINUE ON SHEET #11

SCALE: (In Miles) 2" = 1 mile

Divided 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)

All Turning Lanes = 12'

(Right Side)

All Turning Lanes = 12'

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

M/M - METAL RAILS ON METAL POST

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

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

G.L. MAY 2006

D.B. 1/07

D.B. 3/08

D.B. 9/10

D.B. 2/11

D.B. 2/12

E.P.J. 9/12

E.P.J. 1/13

E.P.J. 12/13

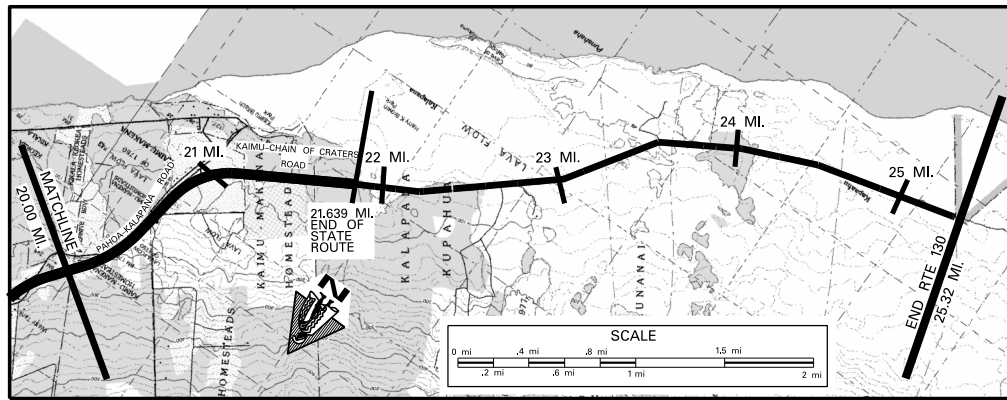
D.B. 7/14

E.P.J. 1/16

E.P.J. 1/17

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

Total Designated Route Length:	<u>21.639</u>	MILES (a + b)
a. Existing Length:	<u>21.639</u>	MILES
b. Proposed Length:	<u>0.00</u>	MILES
Total Travel Way Length:	<u>21.639</u>	MILES (a + b, less c)
a. Existing Length:	<u>21.639</u>	MILES
b. Temporary Length:	<u>0.00</u>	MILES
c. Length used as T.W. for another Route:	<u>NONE</u>	MILES (-)



SCALE: (In Miles) 2" = 1 mile			20	21		22	23	24	25	26	27	28
Maintenance Control Sections : Length and Description						130 A (13.19 Mi.)		Beg. 130 A Same as End Rte 130				
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed											
	Vertical Clearance											
	Horizontal Clearance											
Structure Over Road	Vertical Clearance											
	Horizontal Clearance											
Right of Way Width (min.-max.) if varies			100' - 150'			150'						
Available Right of Way Width (Needs Study)			Trees & Brush			Trees & Brush						
Right of Way Fence: Type - Right and Left						Residential :						
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			County (GIVEN BY STATE OCT. 1, 2014)						
Project No., Type of Construction, and Year Constructed			130A-01-97M 1998 Resurf.			ER - 9(3) New Alignment, 1980						
Project No., Type of Construction, and Year Constructed			S-0130(12), 1971			PMS - 0100(B), Unit 3, Resurf. 1978						
HAWAII Pacific Ocean AREA COVERED BY THIS SHEET RTE 130 KALAPANA RD KAIMU-CHAIN OF CRATERS RD Road Diagram * MP=Milepost Signage			ROUTE CONTINUED FROM SHEET #2			KAIMU-CHAIN OF CRATERS ROAD						
SCALE: (In Miles) 2" = 1 mile			20	21		22	23	24	25	26	27	28
Divided Highway	Undivided	Shoulder: Width and Type	10' Gravel			10' AC						
		Pavement: Width and Type	24' AC			24' AC						
		Shoulder: Width and Type	10' Gravel			10' AC						
		Median: Width and Type	0'-10' Painted Median									
		Shoulder: Width and Type	0'			0'						
		Pavement: Width and Type	12' AC			12' AC						
Number of Traffic Lanes			2 - 12'			2 - 12'						
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)												
(Right Side)												
Frontage Road: No. of Lanes, and Width (Right and Left)												
Sidewalk: Width and Type (Right and Left)			6' Gravel									
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))			A			A						
Superelevation (Range)												
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45))			C	D	A	A						
Vertical Curve: Crest or Sag, Curve Limits												
Area and Development:												
Terrain: 1-Flat, 2-Rolling, 3-Mountainous						Rural (999%) Rolling (2) Flat (1)						
Speed: 1-Design, 2-Posted			55 MPH - Minimum 40 MPH (2)			Not Posted 25 MPH (2)						
Intersection Control Devices: Type, Location and Cycle Timing												
Traffic Stations (Current Year)			B71 0130 01420			B71 0130 02080						
HPMS Sections - AADT 2015			2,200			2,200						
HPMS Sections - AADT 2014			1,900			740						
HPMS Sections - AADT 2013			1,521			2,026						
DOD Sections												
Census Tracts												
Functional Classification			Major Collector (5)			Major Collector (5)						
National Highway System (NHS)			Not on NHS (0)			Not on NHS (0)						
Previous Projects: Project No., Date and Limits												
			S-130 (12), 1971			County A-130-01-64 (Sec. C) 1964						
SCALE: (In Miles) 2" = 1 mile			20	21		22	23	24	25	26	27	28

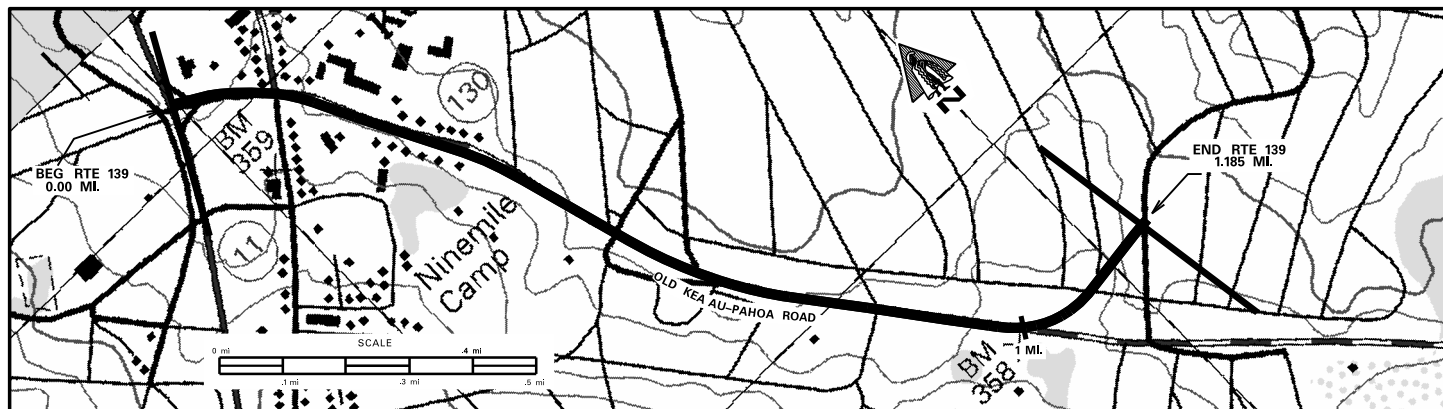
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ROAD INVENTORY
HAWAII RTE 139
OLD KEA'AU - PAHOA ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 1.185 MILES
a. Survey Length: 1.185 MILES
b. Proposed Length: 0.00 MILES
c. Other Length: * 0.00 MILES



SCALE: (In Miles) 10" = 1 mile

Maintenance Control Sections : Length and Description

Structure
Carrying
Road

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

Vertical Clearance

Horizontal Clearance

Structure
Over
Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

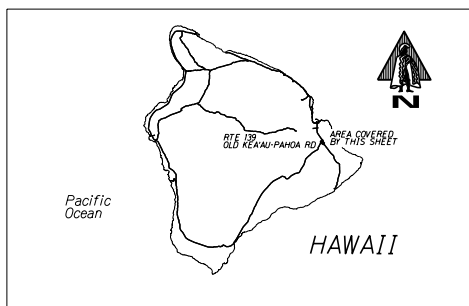
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

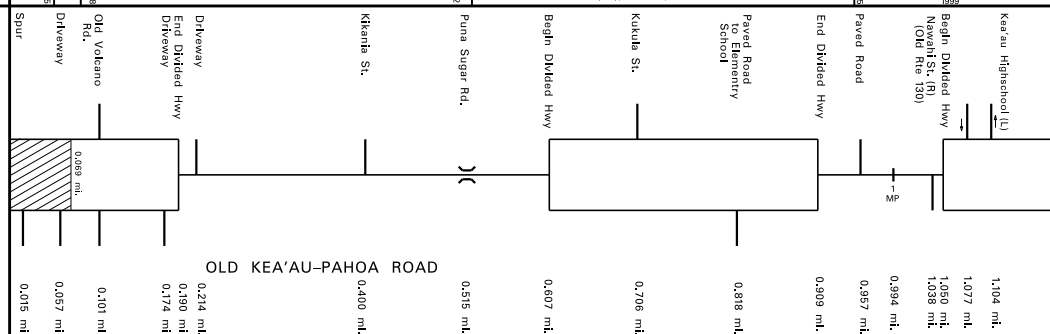


Road Diagram

* MP = Milepost Signage

Indicates Grass
& / or Physical
Barrier on Median.

BEGIN ROUTE 139 ON OLD KEA'AU-PAHOA ROAD THE S.E. EDGE OF PAVT OF VOLCANO ROAD (RTE 11), 0.000 MI.



NOTE: ROUTE LENGTH ADJUSTED TO MATCH
15 VIDEOLOG & 15 FEATURES DATABASE.
END ROUTE 139 ON OLD KEA'AU-PAHOA
ROAD THE N.W. EDGE OF PAVT OF
KEA'AU-PAHOA ROAD (RTE 130),
1.185 MI.*

END ROUTE DESCRIPTION

SCALE: (In Miles) 10" = 1 mile

Divided Highway

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

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

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number
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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

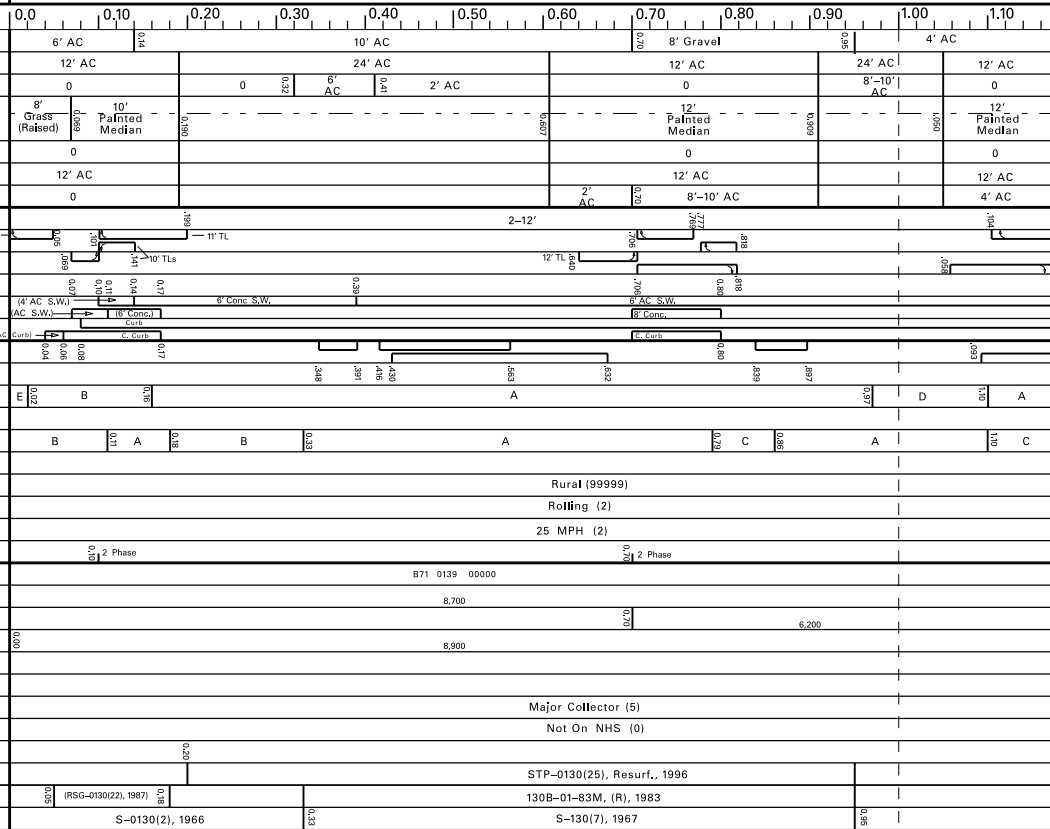
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



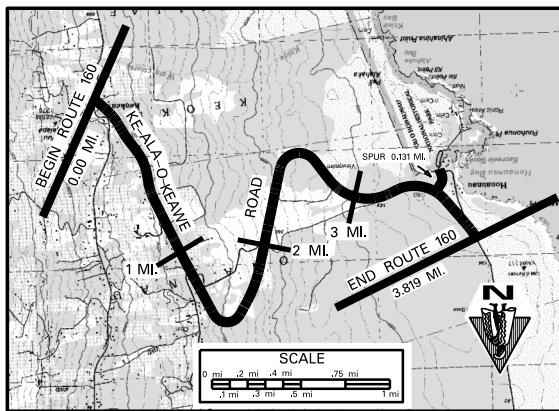
SCALE: (In Miles) 10" = 1 mile

ROAD INVENTORY
HAWAII RTE 160
KE-ALA-O-KEAWE 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: 3.95 miles
a. Survey Length: 3.819 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.131 miles
* SPUR LENGTH



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

BEGIN 160A ON KE-ALA-O-KEAWE RD.
25' W. OF CENTERLINE INTER. W/ MAMALAHOA HWY 160 A (3.82 MI.)

END 160A SAME AS ROUTE

160 03 (0.13 MI.)

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

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

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

VARIES 80' - 140'

LARGE TREES & HEAVY GRASS, CUT SLOPES CLEAR 1000' BRUSH W/ SMALL TREES 5'-15' FROM EDGE OF PAVT

FENCE (R) FENCE (L) & (R) FENCE (L)

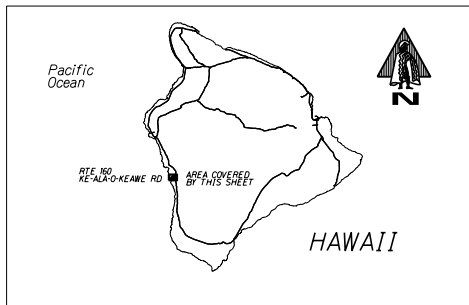
WIRE ON WOOD 25' FROM EDGE OF PAVT

NONE

STATE

(NONE)

(STATE)



Road Diagram

* MP= Milepost Signage

BEGIN RTE 160 ON KE-ALA-O-KEAWE RD
AT MAMALAHOA HWY (RTE 11).
0.000 MI.

POST OFFICE
0.037 MI.

CUVERT
1.433 MI.

CUVERT
1.311 MI.

FOOTCUT
1.236 MI.

PAINTED
1.077 MI.

CHURCH RD.
1.007 MI.

ROAD (R)
2.010 MI.

ROAD (L)
1.999 MI.

LOOKOUT RDS.
2.774 MI.

PAVED ROAD
2.997 MI.

BEGIN DIVIDED
3.150 MI.

ROAD REFUGE
3.480 MI.

ROAD REFUGE
3.578 MI.

END DIVIDED
3.819 MI.

END RTE 160 ON KE-ALA-O-KEAWE RD
AT MAMALAHOA HWY (RTE 11).
3.819 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
15 VIDEOLOG & 15 FEATURES DATABASE.
END RTE 160 ON KE-ALA-O-KEAWE RD
AT MAMALAHOA HWY (RTE 11).
3.819 MI.

BEG CITY OF REFUGE SPUR ON ACCESS
RD TO CITY OF REFUGE AT THE
SOUTHWEST EDGE OF PAVEMENT OF
KE-ALA-O-KEAWE ROAD.
0.000 MI.

PAVED RD.
0.131 MI.

END CITY OF REFUGE SPUR ON ACCESS
RD TO CITY OF REFUGE AT THE
SOUTHWEST EDGE OF PAVEMENT OF
KE-ALA-O-KEAWE ROAD.
0.131 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
15 VIDEOLOG & 15 FEATURES DATABASE.
END RTE 160 ON KE-ALA-O-KEAWE RD
AT MAMALAHOA HWY (RTE 11).
3.819 MI.

PAVED RD.
0.131 MI.

END CITY OF REFUGE SPUR ON ACCESS
RD TO CITY OF REFUGE AT THE
SOUTHWEST EDGE OF PAVEMENT OF
KE-ALA-O-KEAWE ROAD.
0.131 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
15 VIDEOLOG & 15 FEATURES DATABASE.
END RTE 160 ON KE-ALA-O-KEAWE RD
AT MAMALAHOA HWY (RTE 11).
3.819 MI.

PAVED RD.
0.131 MI.

END CITY OF REFUGE SPUR ON ACCESS
RD TO CITY OF REFUGE AT THE
SOUTHWEST EDGE OF PAVEMENT OF
KE-ALA-O-KEAWE ROAD.
0.131 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
15 VIDEOLOG & 15 FEATURES DATABASE.
END RTE 160 ON KE-ALA-O-KEAWE RD
AT MAMALAHOA HWY (RTE 11).
3.819 MI.

PAVED RD.
0.131 MI.

END CITY OF REFUGE SPUR ON ACCESS
RD TO CITY OF REFUGE AT THE
SOUTHWEST EDGE OF PAVEMENT OF
KE-ALA-O-KEAWE ROAD.
0.131 MI.

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

4' AC

24' AC

4' AC

24' AC

0-20' PAINTED AC

0

14' AC

4' AC

2-12'

2-14'

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

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12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

(4' AC)

(24' AC)

(4' AC)

(4' AC)

(4' AC)

(4' AC)

(4' AC)

(4' AC)

(4' AC)

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(4' AC)

(4' AC)

(4' AC)

(4' AC)

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 Concrete 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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

2-12'

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

12' TURNING LANES

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12' TURNING LANES

12' TURNING LANES

(4' AC)

(24' AC)

(4' AC)

(4' AC)

(4' AC)

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(4' AC)

(4' AC)

(4' AC)

(4' AC)

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 Concrete 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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

2-12'

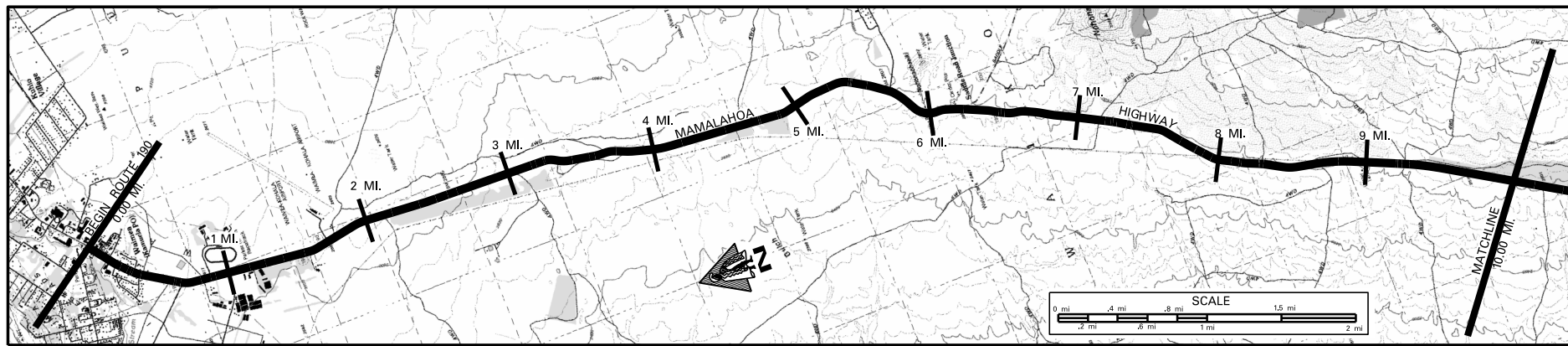
12' TURNING LANES

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

Structure
Carrying
Road

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

Vertical Clearance

Horizontal Clearance

Vertical Clearance

Horizontal Clearance

Structure
Over
Road

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

Available Right of Way Width (Needs Study)

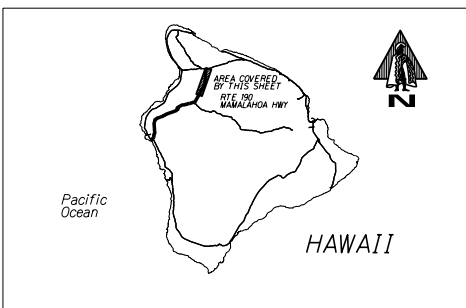
Right of Way Fence: Type - Right and Left

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

Divided 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

Divided Highway

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

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

END 190 E. 0.05 MI. NORTH OF
WAIMAE-KOHALA AIRPORT ROAD
190 E (5.02 MI.)
END 190 D - BEGIN 190 E ON MAMALAHOA
HIGHWAY 100' NORTH OF SADDLE ROAD
190 D (7.26 MI.)

SLAB
1930, H-15
21'
3 PLATE CULVERTS
1980, HS-20
37'

70'
1000' CLEAR - PASTURES - 10'-15' FROM PAVEMENT
WIRE ON WOOD - 10' FROM PAVEMENT
WIRE ON WOOD - 10' FROM PAVEMENT
NONE

COUNTY
PHASE 2 - COUNTY TO STATE
(RS-0190 181, 1988 (R))
STATE

WDCR 12(1), 1947
190E-01-98M, RESURF., 1999
190DE-01-99M, 2000 (RESURF.)

WDCR 12(1), 1947
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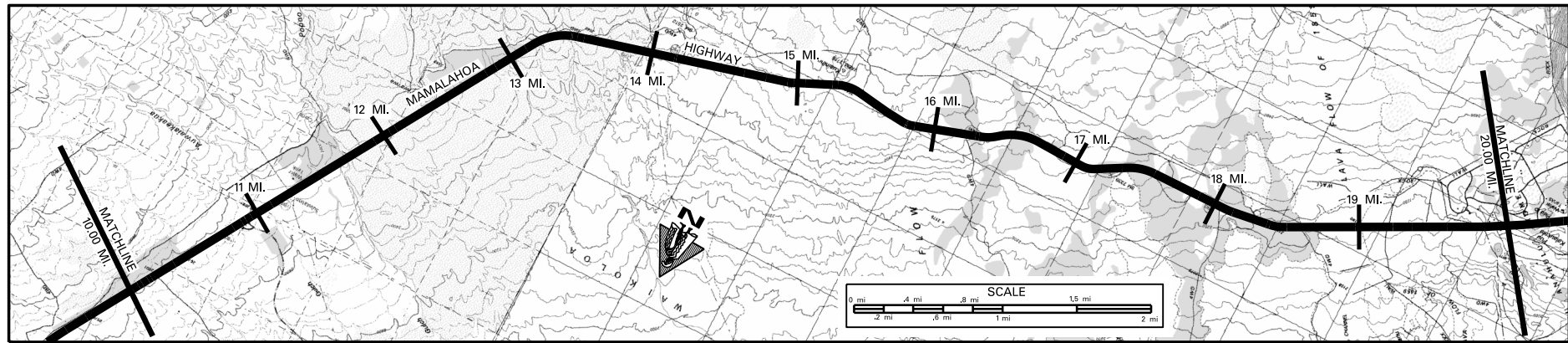
WDCR 12(1), 1947
190E-01-98M, RESURF., 1999
190DE-01-99M, 2000 (RESURF.)

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

Structure
Carrying
Road
Over
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)

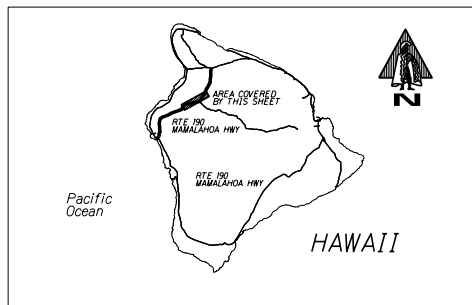
Right of Way Fence: Type - Right and Left

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

CONTINUED FROM SHEET #1

CONTINUED ON SHEET #3

SCALE: (In Miles) 2" = 1 mile

Divided 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)

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

All Metal Rails on Metal Posts unless otherwise noted.
MCB=Metal on top of Concrete Barrier.

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

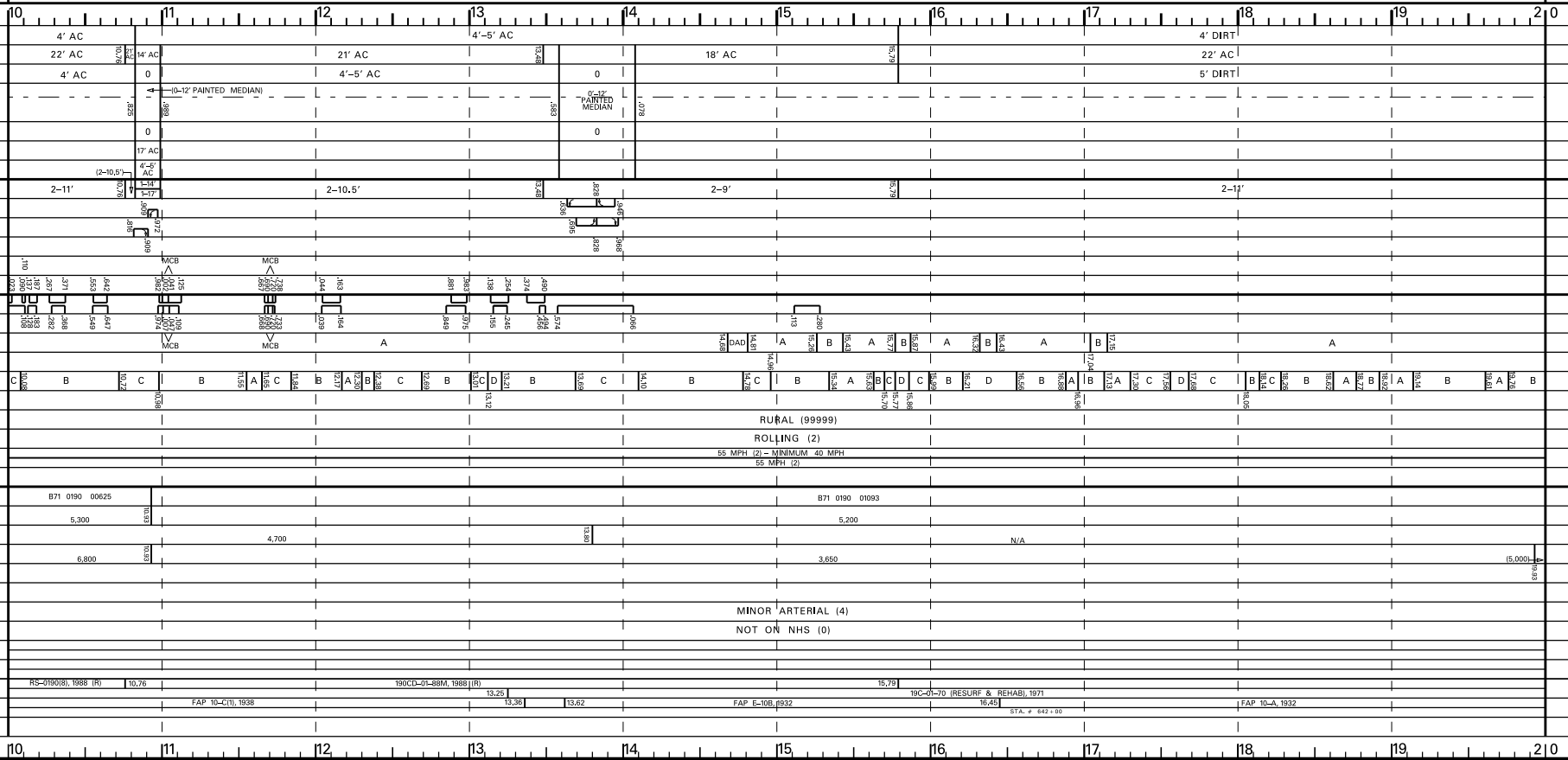
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

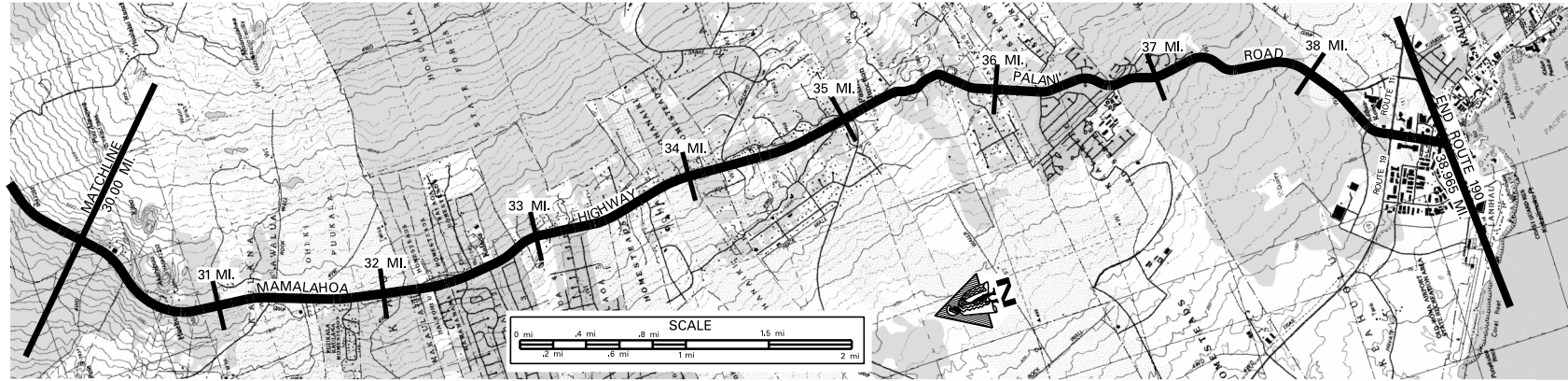
Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 2" = 1 mile

MAMALAHOA HWY., PALANI RD.

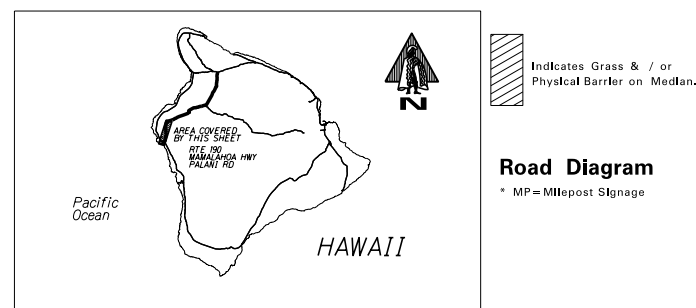
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Project No., Type of Construction, and Year Constructed	REPAIR, 2011	STP-D100(31) – GUARDRAIL IMPRV, 1994	190B-01-91M, (R), 1992	190B-01-91M, (R), 1992	190B-01-91M, (R), 1992
---	--------------	--------------------------------------	------------------------	------------------------	------------------------



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
'15 VIDEOLOG & '16 FEATURES DATABASE.
END RTE 190 ON PALANI ROAD AT THE
NORTHEAST EDGE OF PAVT OF
KUAKINI HWY.
38.965 MI.*

SCALE: (In Miles) 2" = 1 mle

[illegible]

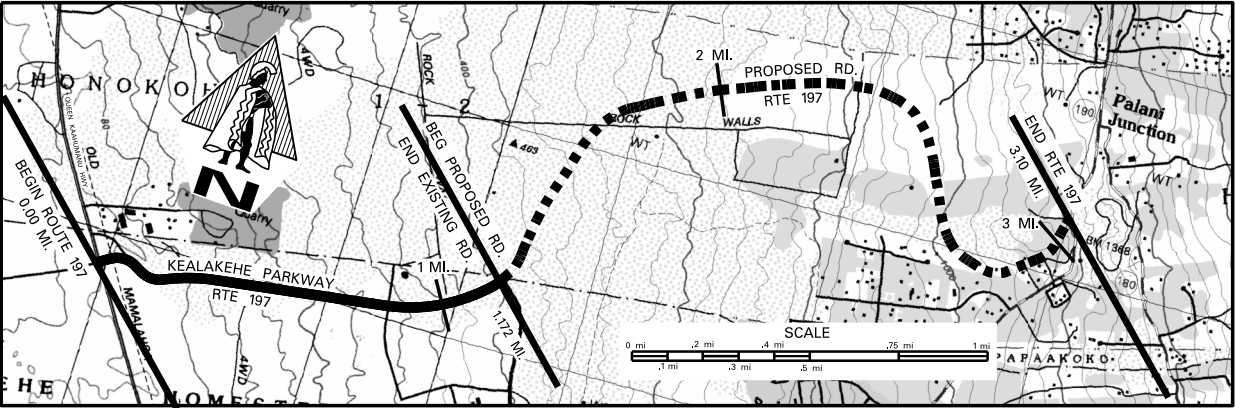
SCALE: (In Miles) 2" = 1 mile

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



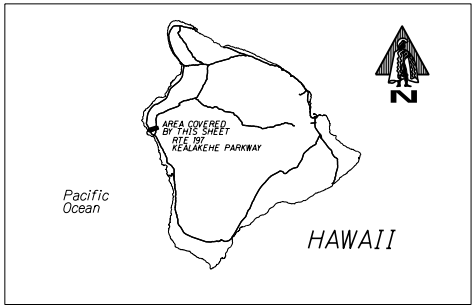
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Right of Way Width (min.-max.) If varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type - Right and Left
Control of Access: 1=None, 2=Partial, 3=Full
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

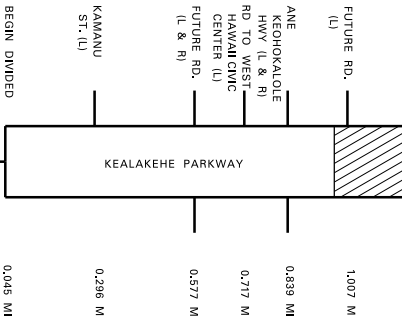
STATE



Indicates Grass & / or
Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

BEGIN RTE 197 ON KEALAKEHE PARKWAY
AT THE NORTHEAST EDGE OF PAVEMENT
OF QUEEN KAHUAMANU HWY (RTE 19).



END EXISTING ROAD (BEGIN PROPOSED
ROAD) @ CENTERLINE OF KEANALEHU
DRIVE (RIGHT).
1.172 mi.*

PROPOSED ROAD

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
ITS VIDEOLOG & ITS FEATURES DATABASE.
END RTE 197 ON PROPOSED ROAD
AT SOUTH EDGE OF PAVEMENT
OF PLANI ROAD.
3.10 mi.

END ROUTE DESCRIPTION
0.00 mi.

SCALE: (In Miles) 4" = 1 mile

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	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)(0-45) 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 Station (Current Year)

HPMS Sections - AADT 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

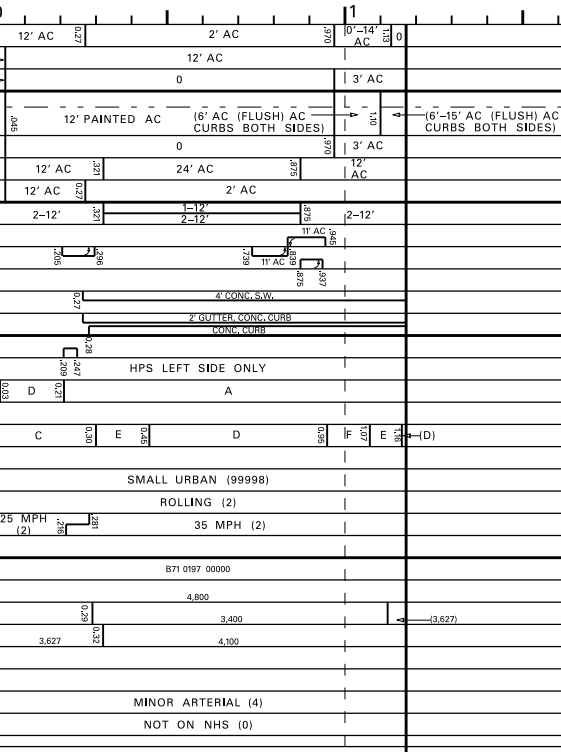
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



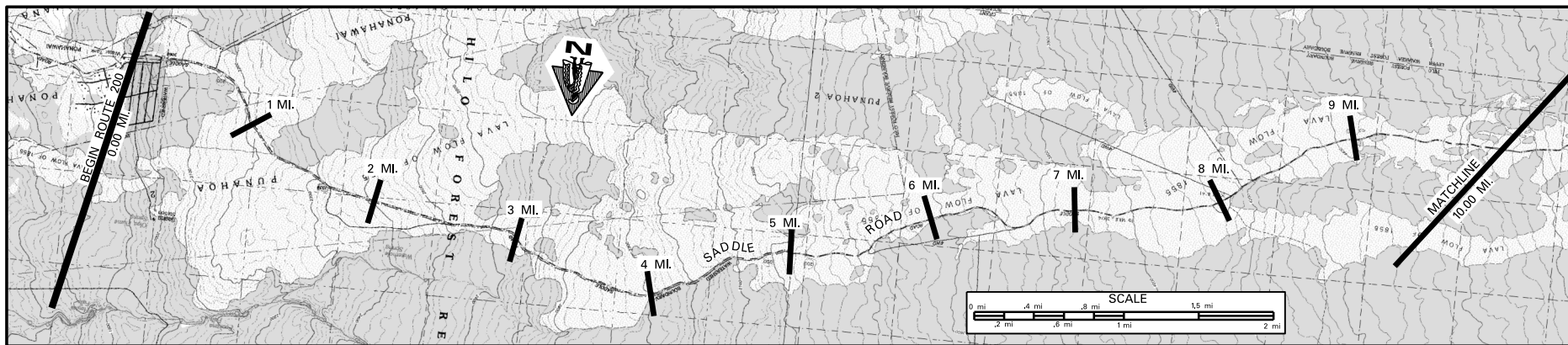
SCALE: (In Miles) 4" = 1 mile

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

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

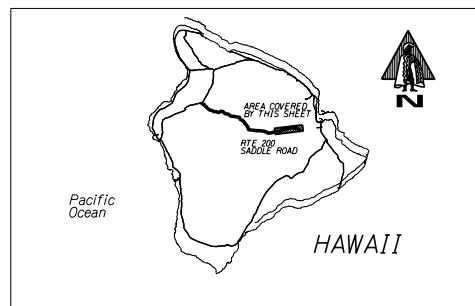
VARIES 50'-150'

BUSHES, GRASS & TREES

NONE

NONE

COUNTY



Road Diagram

* MP= Milepost Signage

0.000 MI.
BEGIN RTE 200 ON SADDLE ROAD AT
THE HILO URBAN BOUNDARY (FOREST
RESERVE SIGN) APPROX. 0.17 MI. (897)
SOUTHEAST OF TRIG STATION

TRIG. STATION
UA NAHELE ST.

0.173 MI.
0.163 MI.

0.538 MI.

1.165 MI.

2.244 MI.

3.358 MI.

3.892 MI.

4.893 MI.

5.897 MI.

6.898 MI.

7.898 MI.

8.900 MI.

9.900 MI.
CONTINUED ON SHEET #2
10.000 MI.

SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes

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

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless 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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

0 1 2 3 4 5 6 7 8 9 10

2'-4" GRASS 4' AC 10' DIRT 4' AC 10' DIRT 2' AC/10' DIRT 10' DIRT
20' BST 2'-4" GRASS 4' AC 10' DIRT 4' AC 10' DIRT 2' AC/10' DIRT 10' DIRT
MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)

2-10' 2-11' 1-12' TRUCK CLIMBING LANE

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

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

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

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

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

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

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

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

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

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

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

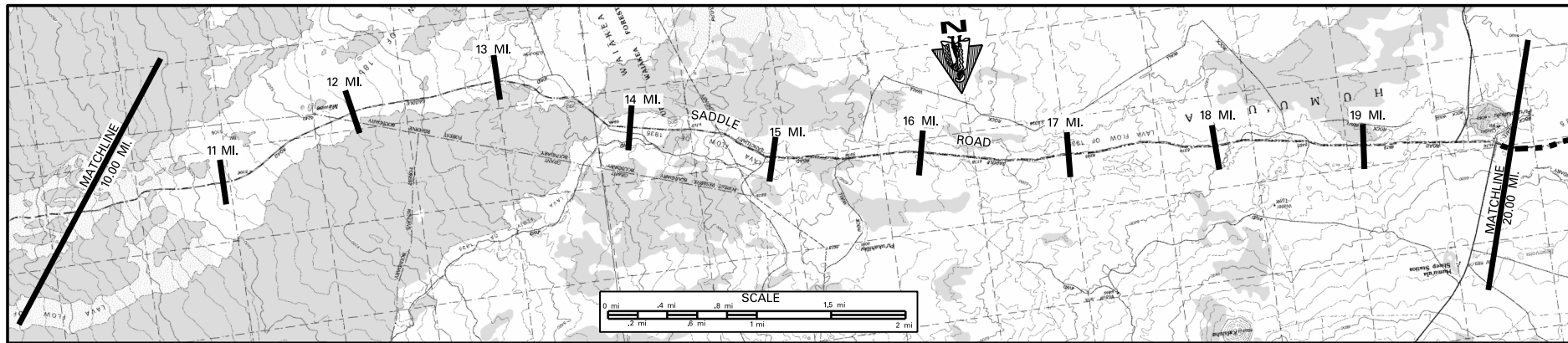
Date Released	Revised
NOV. 05, D.B.	
7/06 D.B.	
9/07 D.B.	
9/10 D.B.	
2/11 D.B.	
2/12 D.B.	
9/12 E.P.J.	
12/13 E.P.J.	
7/14 D.B.	
1/16 E.P.J.	
1/17 E.P.J.	

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

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

VARIABLES 50'-100'

BRUSH, GRASS AND TREES

VARIABLES 170'-196'

1000' CLEAR- LAVA ROCK - 10'-15' FROM EDGE OF PAVEMENT

(WOOD ON WOOD 40' FROM E.P.)

NONE

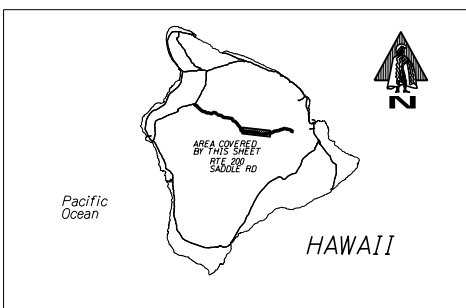
COUNTY

STATE

STP 200(1), NEW ALIGNMENT & WIDENING, 2008

RS-0200(3), COUNTY PROJ., 1987, (R)

(HIA-AD/STP 833)
New Alignment, 2007



Road Diagram

* MP=Milepost Signage

CONTINUED ON SHEET #1

CONTINUED ON SHEET #3

SCALE: (In Miles) 2" = 1 mile

Divided Highway	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	
Divided Highway	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)

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)

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

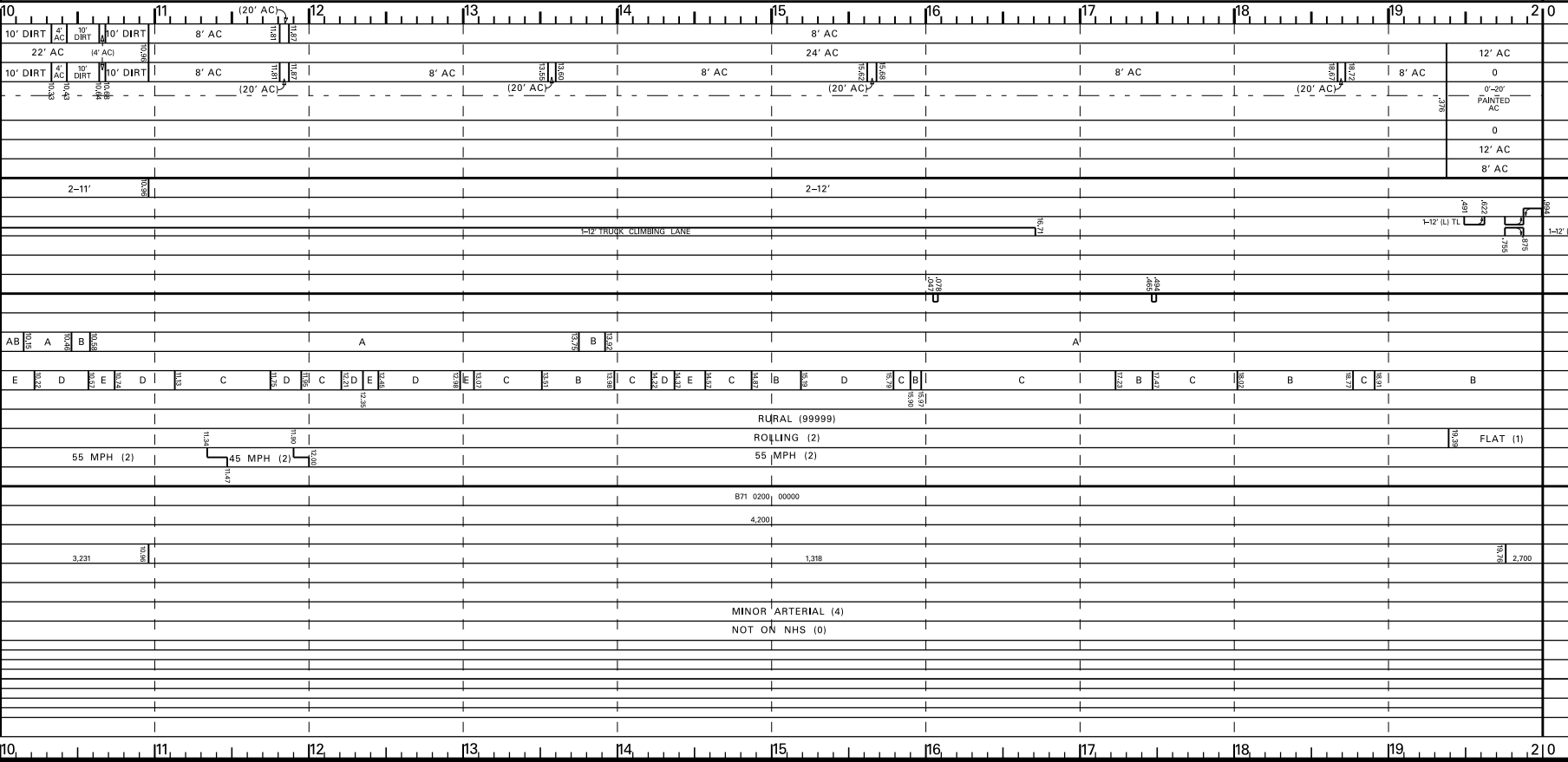
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 2" = 1 mile

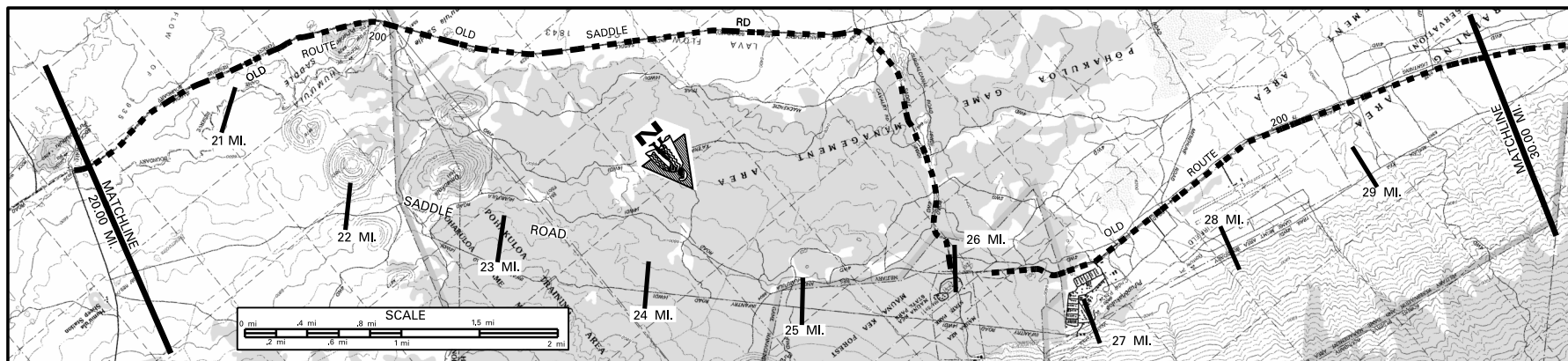
Date Released	Revised
NOV. 05, D.B.	
7/06	D.B.
9/07	D.B.
1/09	D.B.
9/10	D.B.
2/11	D.B.
2/12	D.B.
9/12	E.P.J.
12/13	E.P.J.
7/14	D.B.
1/16	E.P.J.
1/17	E.P.J.

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

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

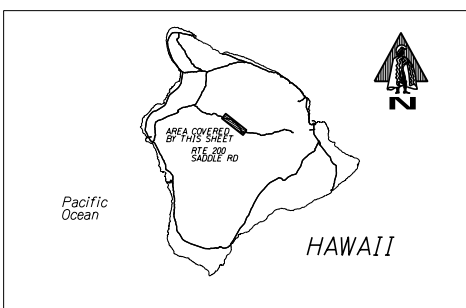
Right of Way Fence: Type - Right and Left

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

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 #2

CONTINUED ON SHEET #4

SCALE: (In Miles) 2" = 1 mile

Divided Highway	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)

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)

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

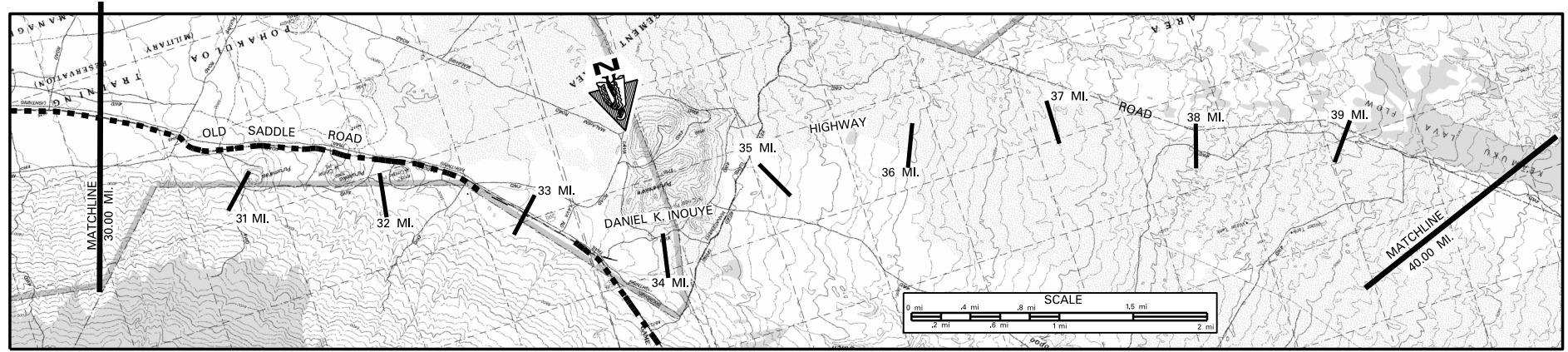
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 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
Structure Over Road	Vertical Clearance
	Horizontal Clearance

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

Available Right of Way Width (Needs Study)

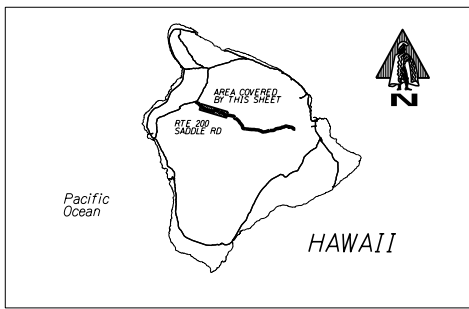
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

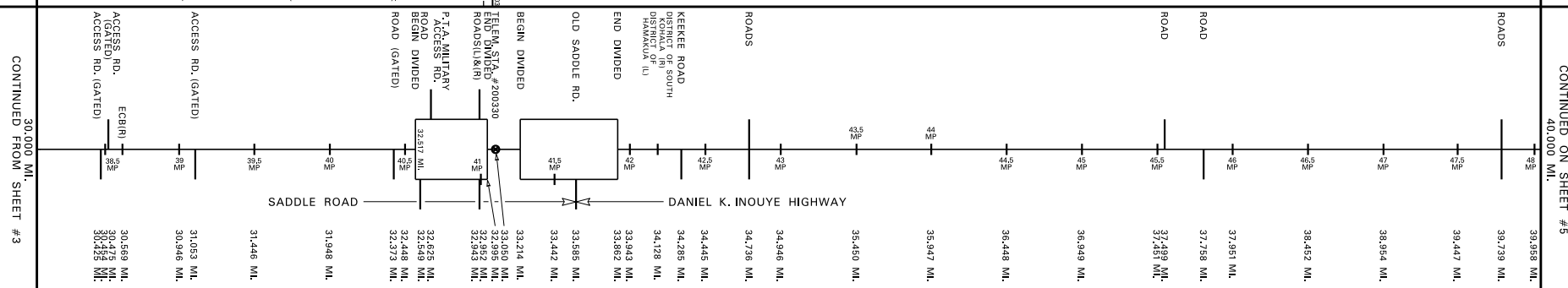
Project No., Type of Construction, and Year Constructed



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #3



SCALE: (In Miles) 2" = 1 mile

Divided Highway	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)

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)

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

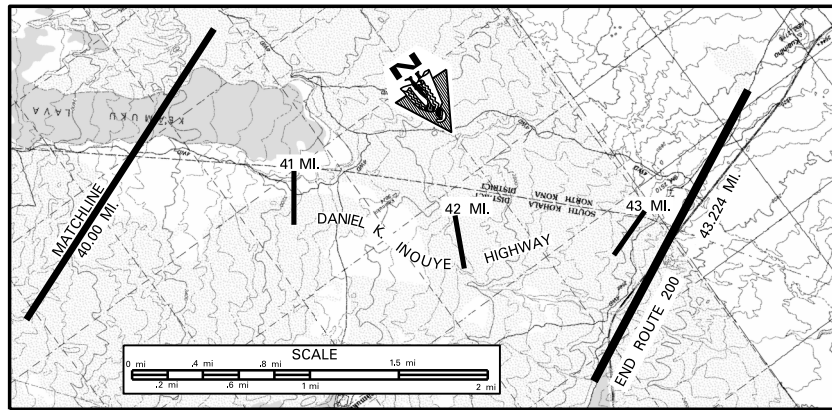
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 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

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

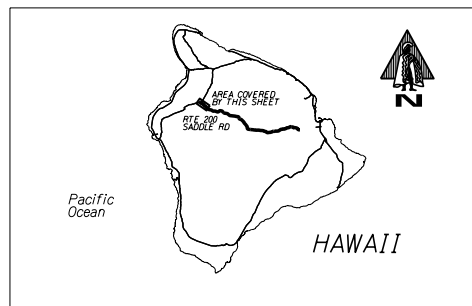
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

NONE

COUNTY

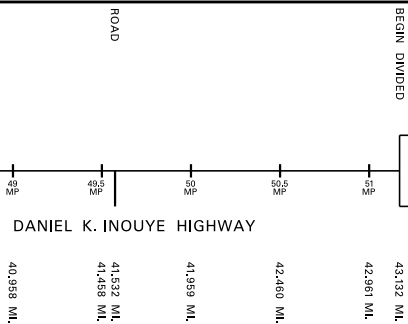
HI-A-AD-6(7), NEW ALIGNMENT (DEFENCE ACC, RD.), 2013



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #4



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
1/5 VIDEOLOG & 1/6 FEATURES DATABASE.
END RTE 200 ON SADDLE ROAD AT THE
EAST EDGE OF PAVEMENT OF
MAMALAHOA HWY (RTE 190)
* 43.224 MI.

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Undivided	Shoulder: Width and Type	MILLED SHOULDERS RUMBLE STRIPS (3,60-43,20)	8' AC	
		Pavement: Width and Type		24' AC	
		Shoulder: Width and Type	MILLED SHOULDERS RUMBLE STRIPS (3,60-43,20)	8' AC	
		Median: Width and Type			
	Divided	Median Barriers:			
		Shoulder: Width and Type			
		Pavement: Width and Type			
		Shoulder: Width and Type			

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

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 Sectiona - AADT 2015

HPMS Sectiona - AADT 2014

HPMS Sectiona - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

2-12'

12 TRUCK CLIMBING LANE

RURAL (999999)

ROLLING (2)

45 MPH (2)

871 0200 02002

4,200

N/A

2,200

MINOR ARTERIAL (4)

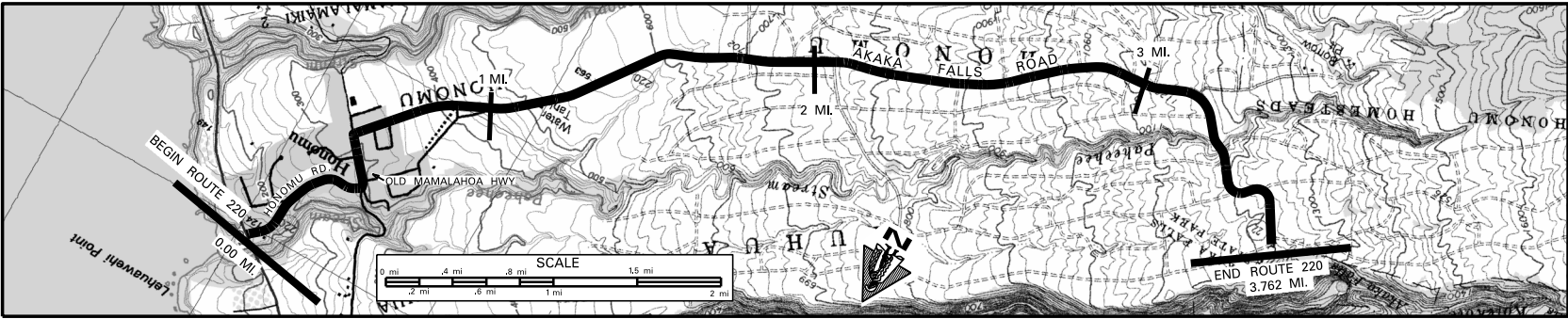
NOT ON NHS (0)

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 220
HONOMU RD., OLD MAMALAHOA HWY.,
AKAKA FALLS RD.

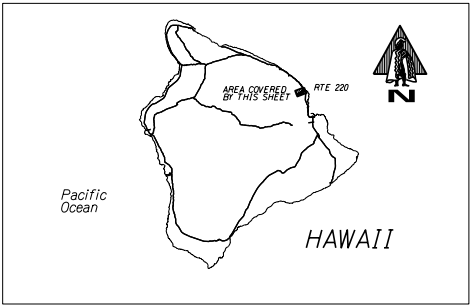
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 3.762 miles
a. Survey Length: 3.762 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



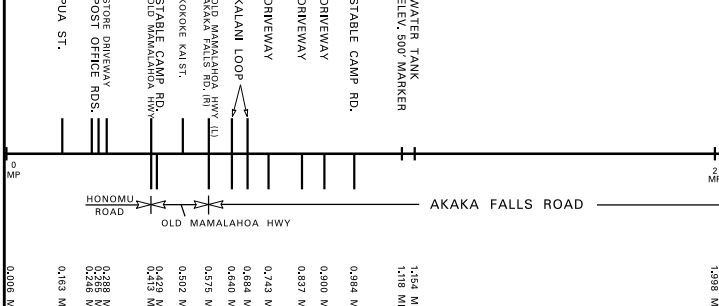
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description			END 220A SAME AS ROUTE		220A (3.76 MI.)		BEG 220A SAME AS ROUTE			
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed		SLAB 1927 H10							
	Vertical Clearance		27'							
	Horizontal Clearance		14'							
	Vertical Clearance									
Structure Over Road	Horizontal Clearance									
Right of Way Width (min.-max.) if varies			40'-50'		30'	80'		30'	40'	80'
Available Right of Way Width (Needs Study)			RESIDENTIAL AREA		30'	1000' CLEAR SUGAR CANE FIELD - 15' FROM EDGE OF PAVEMENT				
Right of Way Fence: Type - Right and Left										
Control of Access: 1-None, 2-Partial, 3-Full			NONE							
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)			STATE							
Project No., Type of Construction, and Year Constructed		STA 21+87.59 →	220A-01-03M RESURF 2005		30'	220A-01-02M, (R), 2004				
Project No., Type of Construction, and Year Constructed			220A-01-90M, 1990							

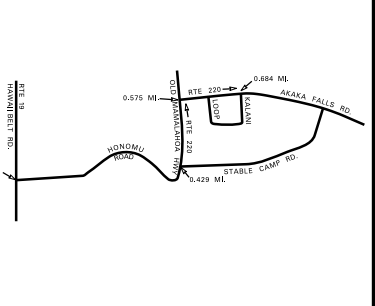


Road Diagram
* MP=Milepost Signage

BEGIN RTE 220 ON HONOMU ROAD AT WEST EDGE OF PAVEMENT OF HAWAII BELT ROAD (RTE 19), 0.00 MI.



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH 1995 VIDEOLOG & 1995 FEATURES DATABASE. END RTE 220 ON AKAKA FALLS ROAD AT THE ENTRANCE TO AKAKA FALLS PARK, 3.762 MI.



SCALE: (In Miles) 4" = 1 mile

Divided Highway	Unsignalized	Shoulder: Width and Type	4' AC										22' AC																				
		Pavement: Width and Type	22' AC										24' AC																				
		Shoulder: Width and Type	4' AC										4' IAC																				
		Median: Width and Type																															
		Median Barriers:																															
		Shoulder: Width and Type																															
		Pavement: Width and Type																															
		Shoulder: Width and Type																															
		Number of Traffic Lanes	2-11'										2-12'										2-11'										
		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(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62))	ED	AC	AC	CAF	AB	A	BA	DA	BA	CA	CA	D	ADE	AE	A																		
Superelevation (Range)	0.11	0.20	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26																	
Grade Class: +/- % (A(0-45) B(45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45))	1.1	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26																	
Vertical Curve: Crest or Sag, Curve Limits																																	
Area and Development:																																	
Terrain: 1-Flat, 2-Rolling, 3-Mountainous																																	
Speed: 1-Design, 2-Posted	25 MPH (2)																																
Intersection Control Devices: Type, Location and Cycle Timing																																	
Traffic Station (Current Year)	871 0220 00000																																
HPMS Sections - AADT 2015																																	
HPMS Sections - AADT 2014																																	
HPMS Sections - AADT 2013																																	
DOD Sections																																	
Census Tracts																																	
Functional Classification																																	
National Highway System (NHS)																																	
Previous Projects: Project No., Date and Limits																																	

ROAD INVENTORY
HAWAII RTE 240
-WAIPIO RD. & M

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

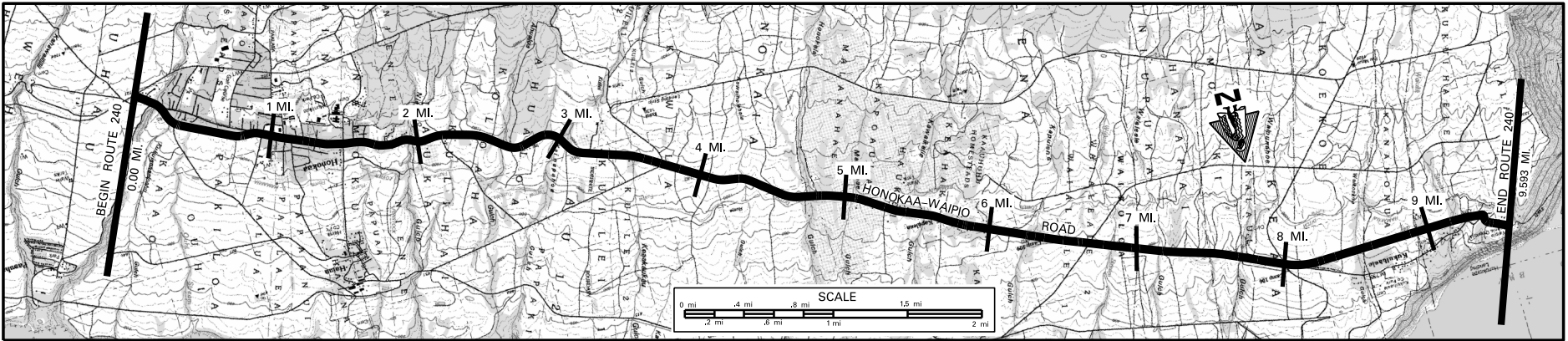
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 9.593 miles

a. Survey Length: 9.593 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	
1	1000
2	1000
3	1000
4	1000
5	1000
6	1000
7	1000
8	1000
9	1000
10	1000
11	1000
12	1000
13	1000
14	1000
15	1000
16	1000
17	1000
18	1000
19	1000
20	1000
21	1000
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84	1000
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86	1000
87	1000
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89	1000
90	1000
91	1000
92	1000
93	1000
94	1000
95	1000
96	1000
97	1000
98	1000
99	1000
100	1000

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Diagram of Bridge Structure and Dimensions												
		CULVERT 1953, HS-20		TEE BEAM, 1967, HS-20		CULVERTS 1966, HS-20		PRESTRESSED CONCRETE GIRDER 1967, HS-20		PRESTRESSED CONCRETE BEAM 1971 HS-20			PRESTRESSED CONCRETE GIRDER 1979, HS-20-44	
		27'		80'	24'	51'		51'	154'	206'	115'		167'	100'
		27'		80'				48'	5.5'	5.5'	7.2'		5.7'	
Structure Over Road		Vertical Clearance	24'	28'	36'	36'		36'	36'	28'	36'	36'		
		Horizontal Clearance												
		Vertical Clearance												
		Horizontal Clearance												

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

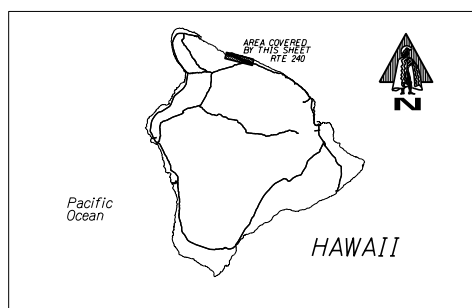
[illegible]

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	

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mlie

[illegible]

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	
1	1
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Illumination: Type, Location and Number	
1	1
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93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-

Superelevation (Range)									
0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09

Grades Class: +/- % (A)(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) F(6.45-8.45) G(8.45-10.45)

Area and Development:

Terrain: 1-Flat 2-Rolling 3-Mountainous

Speed: 1-Design 2-Posted

Intersection Control Devices: Type Location and Cycle

Traffic Stations (Current Year)

HPMS Sections – AADT 2015

HPMS Sections – AADT 2014

HPMS Sections – AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits		

Date Released	
OCT. 05, DB	
Revised	
7/06	DB
1/10	DB
2/11	DB
2/12	DB
9/12	E.P.J.
2/13	E.P.J.
12/13	E.P.J.
7/14	DB
1/16	E.P.J.
1/17	E.P.J.

[illegible]

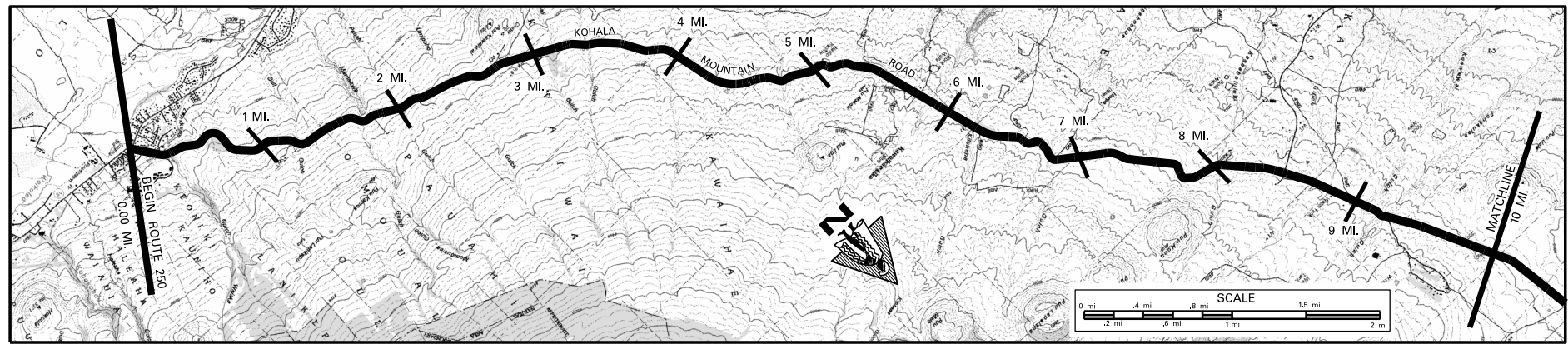
SCALE: (In Miles) 2" = 1 mlie

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

Maintenance Control Sections : Length and Description

Begin 250A on Kohala Mountain Road 34' N.W. of West E.P. of Kawahae Rd. 250 A (19.23 mi.)

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

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

Available Right of Way Width (Needs Study)

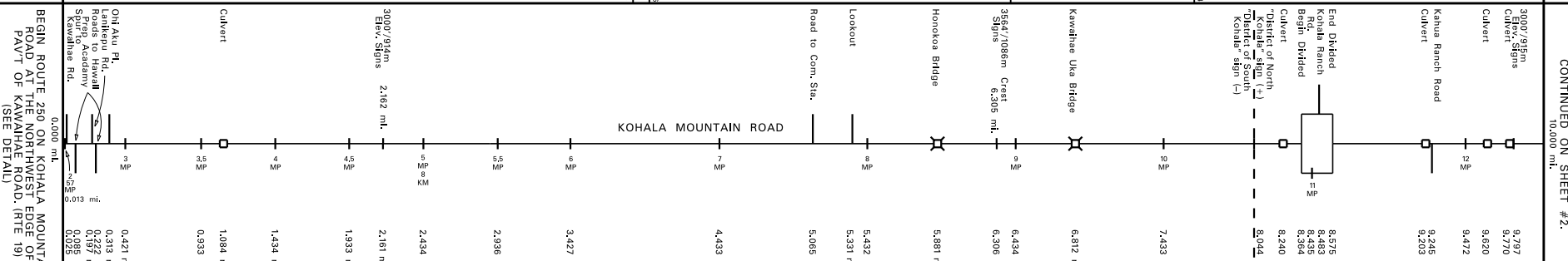
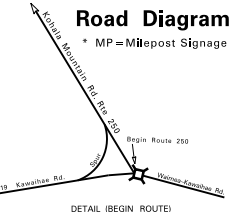
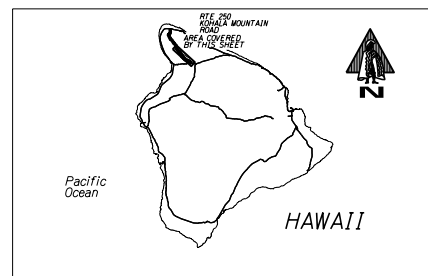
Right of Way Fence: Type - Right and Left W/W=Wire on Wood, E.P.=from Edge of Pavement

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

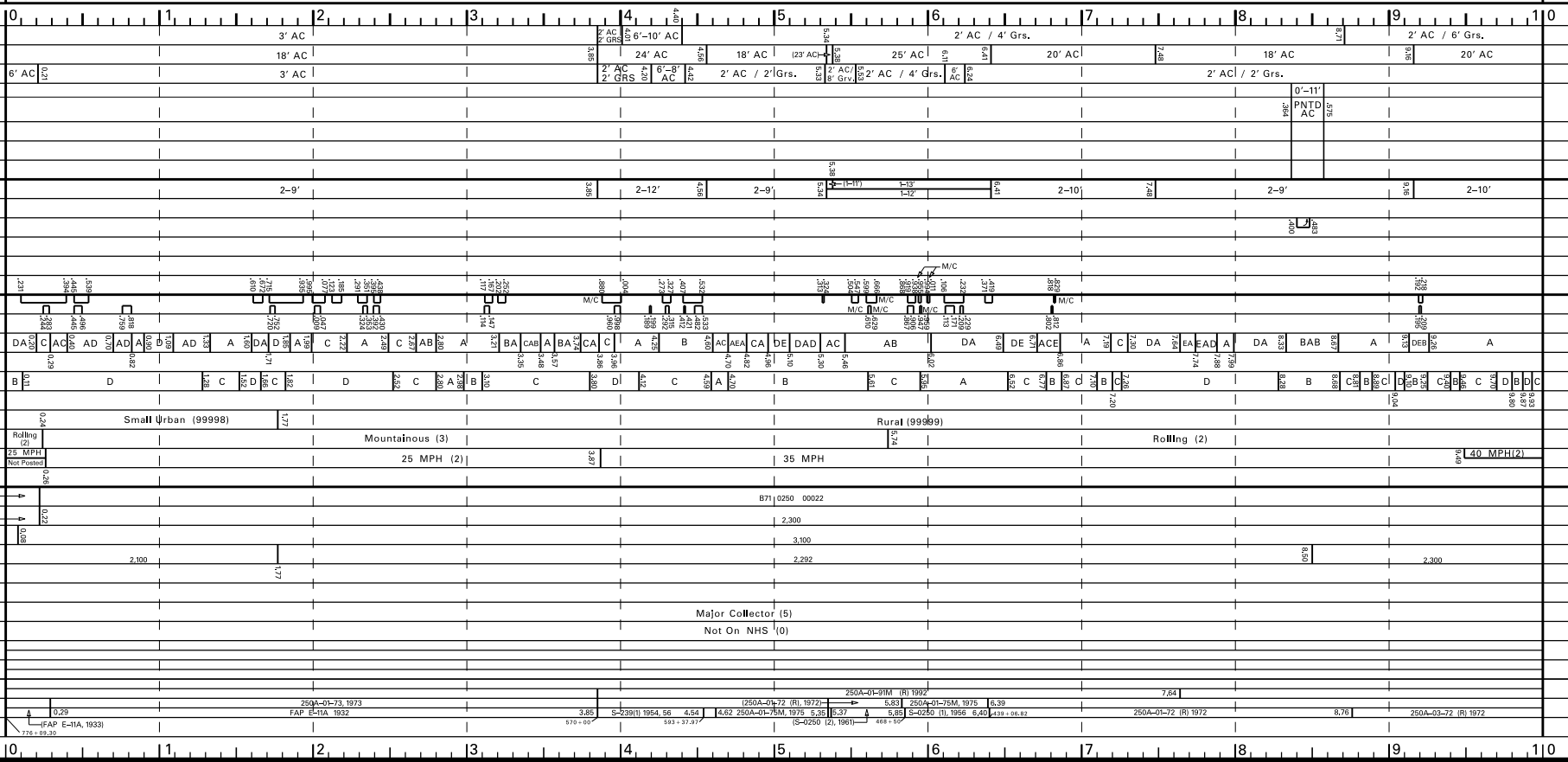
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 2" = 1 mile

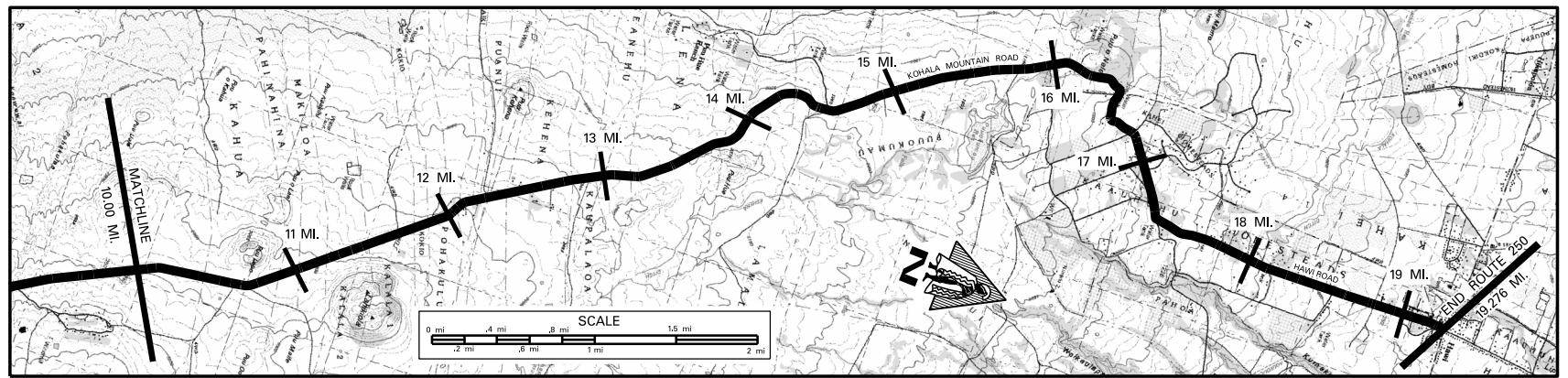
Date Released	Revised
Nov. 2003, D.B.	
7/06 D.B.	
9/10 D.B.	
2/11 D.B.	
2/12 D.B.	
2/13 E.P.J.	
12/13 E.P.J.	
8/14 D.B.	
1/16 E.P.J.	
1/17 E.P.J.	

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

250A (19.23 mi.)

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

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

Available Right of Way Width (Needs Study)

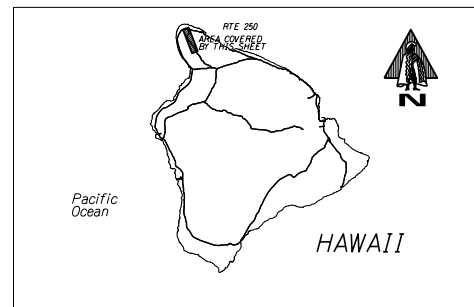
Right of Way Fence: Type - Right and Left W/W=Wire on Wood, E.P.=from Edge of Pavement

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP= Milepost Signage

10.000 MI.
CONTINUED FROM SHEET #1

KOHALA MOUNTAIN ROAD

HAWI ROAD

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
END ROUTE 250 ON HAWI ROAD AT THE
SOUTH EDGE OF PAVEMENT OF
AKOMI PULE HWY. (RTE 270)
+19.276 MI.

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Shoulder: Width and Type
	Pavement: Width and Type
	Shoulder: Width and Type
	Median: Width and Type
	Median Barriers:
	Shoulder: Width and Type
Undivided	Pavement: Width and Type
	Shoulder: 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.
M/C= Metal Rails on Concrete Posts.

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

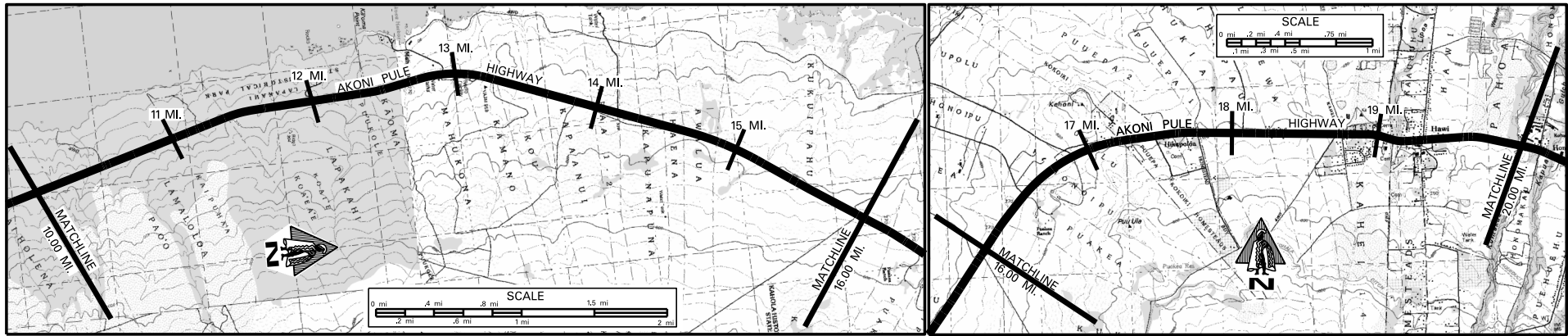
Date Released
Nov. 2003, D.B.
Revised
7/06 D.B.
9/10 D.B.
2/11 D.B.
2/12 D.B.
2/13 E.P.J.
12/13 E.P.J.
8/14 D.B.
1/16 E.P.J.
1/17 E.P.J.

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
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

Structure
Over
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)

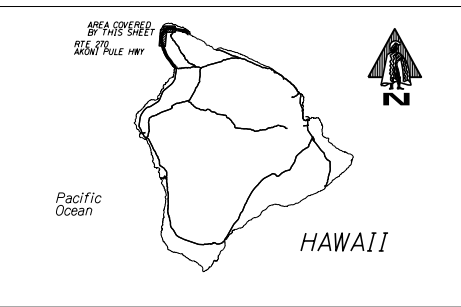
Right of Way Fence: Type - Right and Left

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

CONTINUED FROM SHEET #1

CONTINUED ON SHEET #3

SCALE: (In Miles) 2" = 1 mile

Divided 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)

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.
M/C= Metal Rails on Concrete Posts.

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

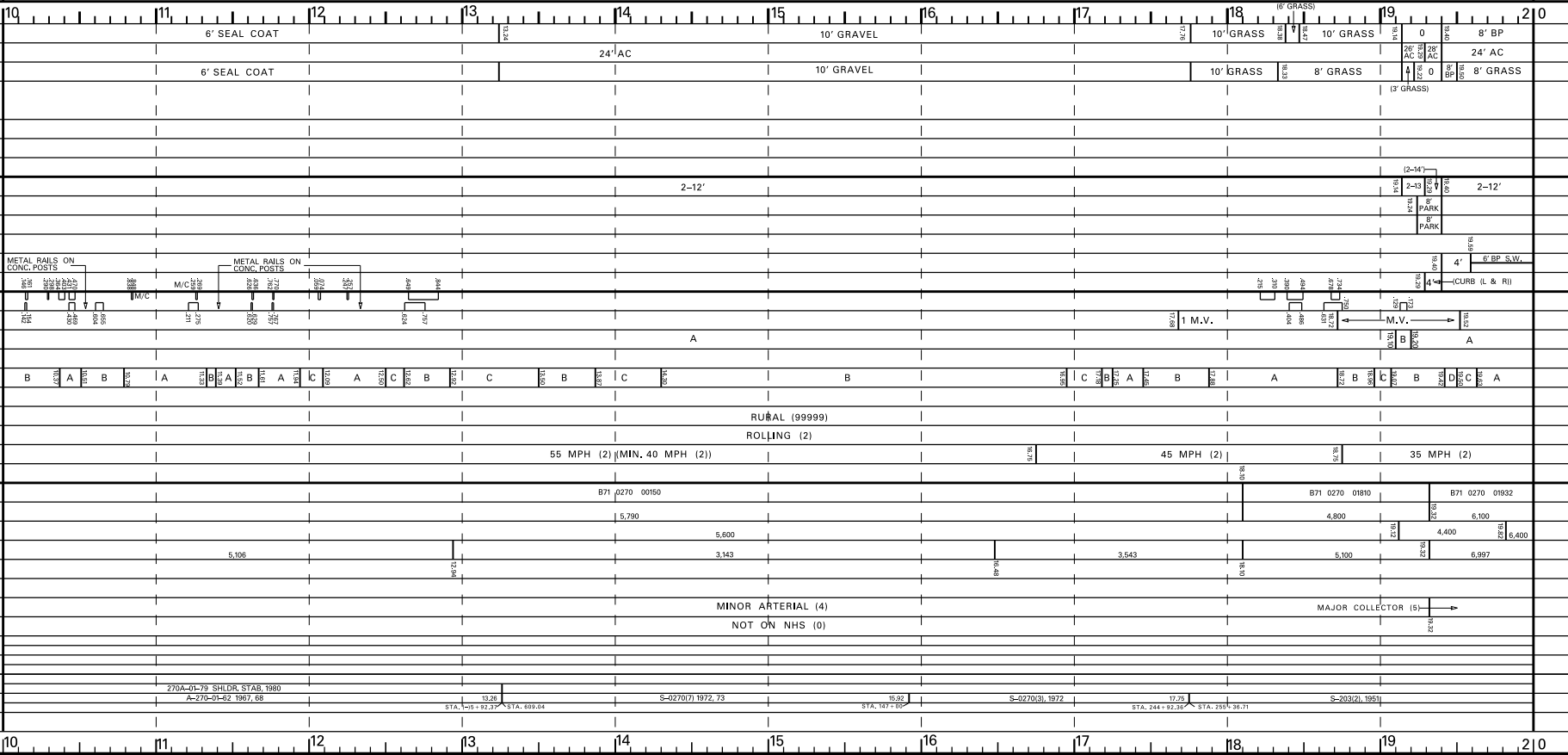
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



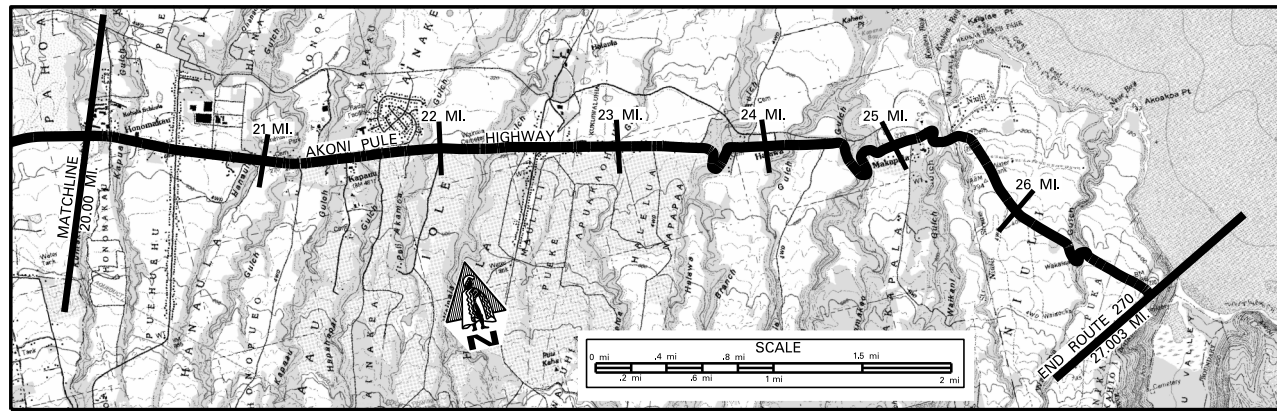
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 270
AKONI PULE 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

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

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

Available Right of Way Width (Needs Study)

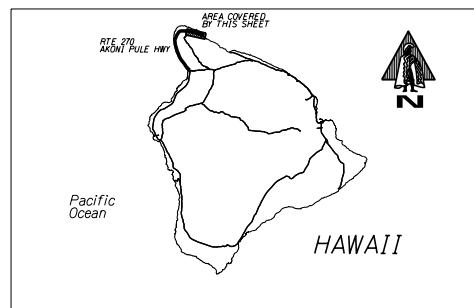
Right of Way Fence: Type - Right and Left

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

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 #2

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Shoulder: Width and Type
	Pavement: Width and Type
	Shoulder: Width and Type
	Median: Width and Type
	Median Barriers:
	Shoulder: Width and Type
Undivided Highway	Pavement: Width and Type
	Shoulder: 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)

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

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

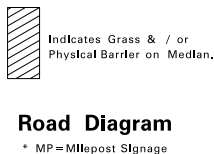
[illegible]

[illegible][illegible][illegible]

50	Chain Link Fence, 10'-20' from Edge of Pavement	01		
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[illegible]

STATE			

[illegible]

END ROUTE 1970 ON SILVA STREET
AT THE SOUTH EDGE OF PAVEMENT
OF KALAMINAOLE STREET ACROSS
HILO HARBOR ENTRANCE.

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

	b	a	
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B	A	B	
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[illegible][illegible][illegible]

35 MPH (2)	0.28	25 MPH (2)	0.75	Not Posted
Not Posted	0.11	35 MPH (2)	0.66	25 MPH (2)

[illegible]

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[illegible][illegible][illegible][illegible][illegible]

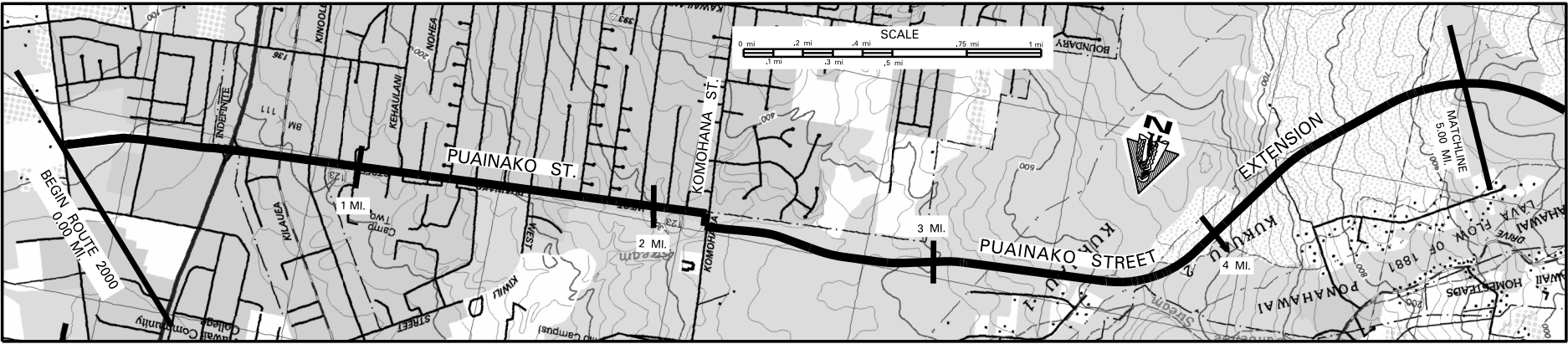
	Principal Arterial (3)		
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[illegible][illegible]

ROAD INVENTORY
HAWAII RTE 2000
PUAINAKO ST., PUAINAKO ST. EXTENSION

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

Total Route Length: 6.873 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	Bridges (Over 20'): Length, Type, Capacity and Year Constructed
	Vertical Clearance
	Horizontal Clearance
	Vertical Clearance
Structure Over Road	Horizontal Clearance

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

Available Right of Way Width (Needs Study)

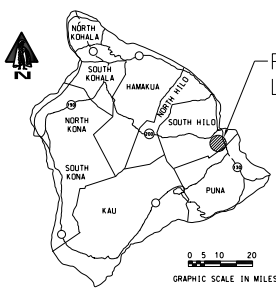
Right of Way Fence: Type - Right and Left

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

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



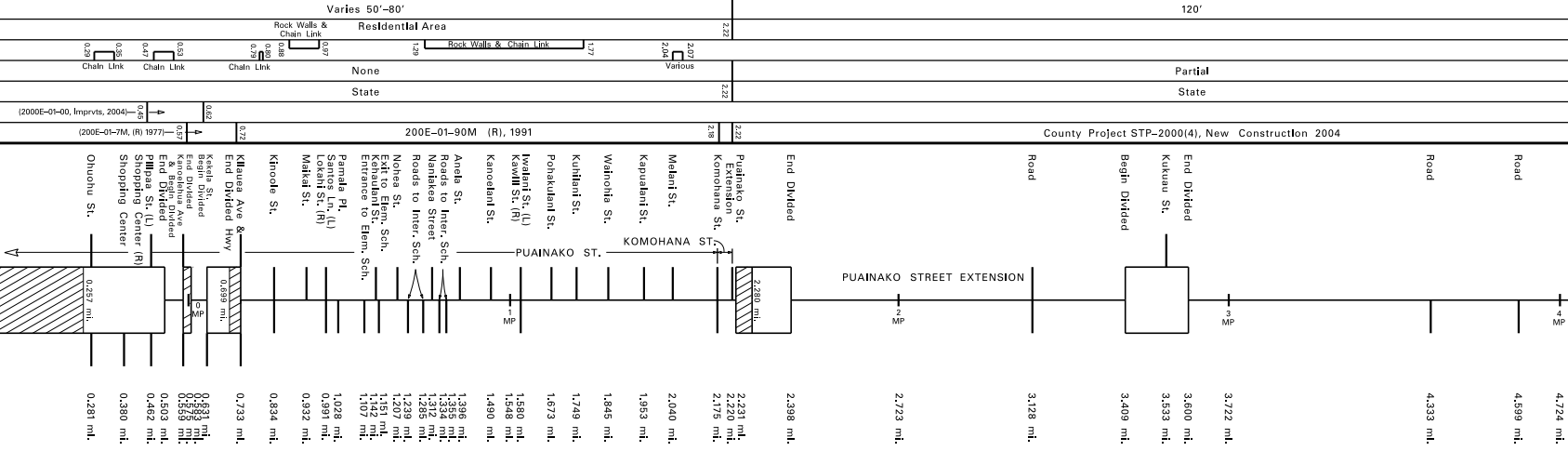
ROUTE LOCATION



Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 2000 ON PUAINAKO STREET AT THE WEST EDGE OF PAVEMENT OF RAILROAD AVENUE.



CONTINUED ON SHEET 2.
5.00 mi.

SCALE: (In Miles) 4" = 1 mile

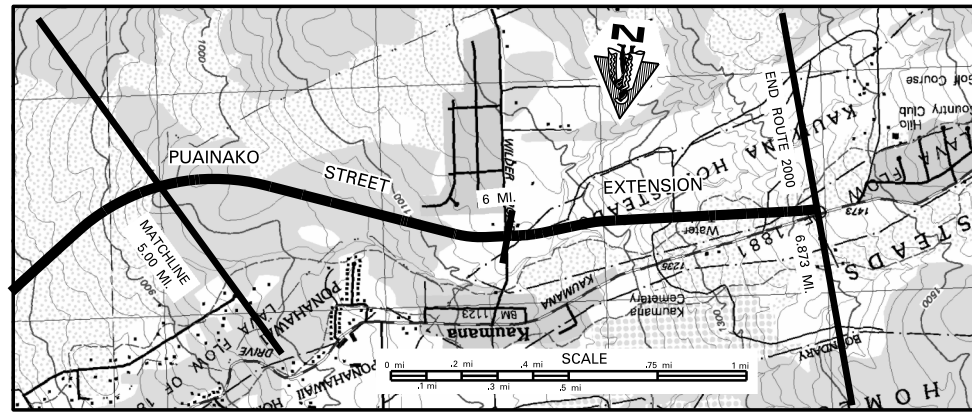
Divided Highway	Shoulder: Width and Type	0	6'-8" AC	(12' AC)	8'-10" AC	20'-4" AC	2'-4" AC	12' AC	24' AC	9' AC	12' AC	24' AC	
	Pavement: Width and Type	28' AC	12' AC	12' AC	24' AC	22' AC	0	0	24' AC	0	0	24' AC	
	Shoulder: Width and Type	0	0	0	0	0	0	0	9' AC	0	0	9' AC	
	Median: Width and Type	42' Raised Grass	12' Painted AC	12' Painted AC	12' Painted AC	12' Painted AC	12' Painted AC	12' Painted AC	12' Painted AC	24' - 0' Painted AC	36' - 0' Painted AC	24' - 0' Painted AC	
	Median Barriers:	0	0	0	0	0	0	0	0	0	0	0	
	Shoulder: Width and Type	28' AC	12' AC	12' AC	24' AC	22' AC	0	0	12' AC	0	0	12' AC	
Number of Traffic Lanes		4-14'	2-12'	2-12'	2-12'	2-11'	2-11'	2-11'	2-12'	2-12'	2-12'	2-12'	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		0	0	0	0	0	0	0	0	0	0	0	
(Right Side)		0	0	0	0	0	0	0	0	0	0	0	
Frontage Road: No. of Lanes, and Width (Right and Left)		0	0	0	0	0	0	0	0	0	0	0	
Sidewalk: Width and Type (Right and Left)		0	0	0	0	0	0	0	0	0	0	0	
Curb and/or Gutter: Type (Right and Left)		0	0	0	0	0	0	0	0	0	0	0	
Protective Devices: Type, Location and Number		0	0	0	0	0	0	0	0	0	0	0	
Illumination: Type, Location and Number		0	0	0	0	0	0	0	0	0	0	0	
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62))		A	A	A	A	AB	A	A	A	A	A	A	
Superelevation (Range)		0	0	0	0	0	0	0	0	0	0	0	
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))		B	A	A	B	C	D	C	B	C	B	C	
Vertical Curve: Crest or Sag, Curve Limits		0	0	0	0	0	0	0	0	0	0	0	
Area and Development:		0	0	0	0	0	0	0	0	0	0	0	
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		0	0	0	0	0	0	0	0	0	0	0	
Speed: 1-Design, 2-Posted		30 MPH (2)	35 MPH (2)	30 MPH (2)	35 MPH (2)	35 MPH (2)	35 MPH (2)	35 MPH (2)	35 MPH (2)	35 MPH (2)	35 MPH (2)	35 MPH (2)	
Intersection Control Devices: Type, Location and Cycle Timing		0	0	0	0	0	0	0	0	0	0	0	
Traffic Stations (Current Year)		0	0	0	0	0	0	0	0	0	0	0	
HPMS Sections - AADT 2015		0	0	0	0	0	0	0	0	0	0	0	
HPMS Sections - AADT 2014		0	0	0	0	0	0	0	0	0	0	0	
HPMS Sections - AADT 2013		0	0	0	0	0	0	0	0	0	0	0	
DOD Sections		0	0	0	0	0	0	0	0	0	0	0	
Census Tracts		0	0	0	0	0	0	0	0	0	0	0	
Functional Classification		0	0	0	0	0	0	0	0	0	0	0	
National Highway System (NHS)		0	0	0	0	0	0	0	0	0	0	0	
Previous Projects: Project No., Date and Limits		0	0	0	0	0	0	0	0	0	0	0	
SCALE: (In Miles) 4" = 1 mile		0	1	2	3	4	5						

ROAD INVENTORY
HAWAII RTE 2000
PUAINAKO STREET EXTENSION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

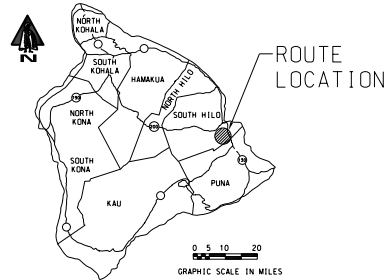


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

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

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

SCALE: (In Miles) 4" = 1 mile

Divided 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)

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)

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 2015

HPMS Sections - AADT 2014

HPMS Sections - AADT 2013

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile