



STATE ROUTE SYSTEM

COUNTY OF HAWAII

ISLAND OF HAWAII

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

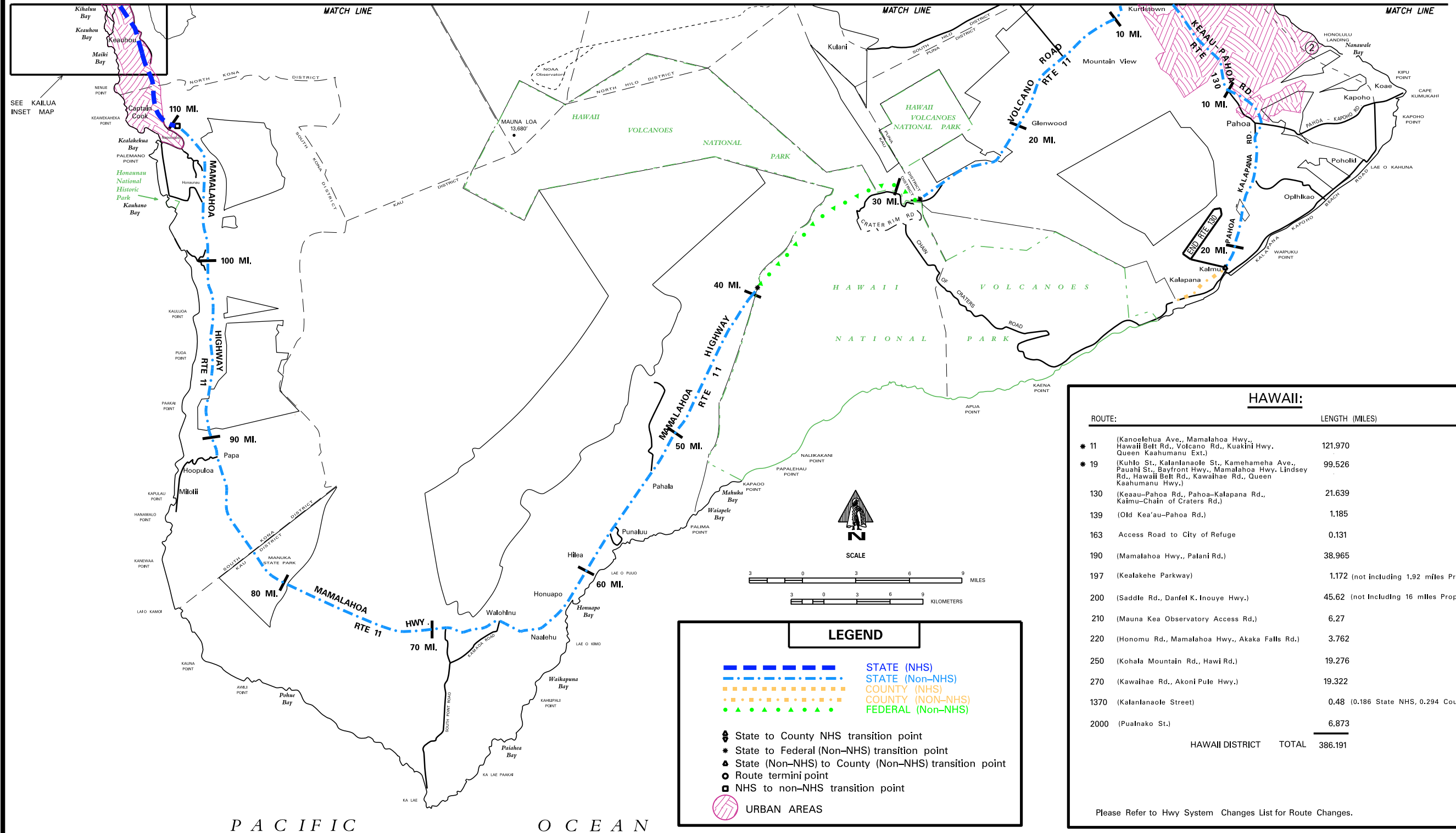
PREPARED BY THE HIGHWAYS DIVISION, PLANNING BRANCH

IN COOPERATION WITH THE

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

DECEMBER 2023



HAWAII:

ROUTE:	LENGTH (MILES)
* 11 (Kanoelehua Ave., Mamalahoa Hwy., Hawaii Belt Rd., Volcano Rd., Kuakini Hwy. Queen Kaahumanu Ext.)	121.970
* 19 (Kuhio St., Kalanianaʻole St., Kamehameha Ave., Pauahi St., Bayfront Hwy., Mamalahoa Hwy. Lindsey Rd., Hawaii Belt Rd., Kawaihae Rd., Queen Kaahumanu Hwy.)	99.526
130 (Keaau-Pahoa Rd., Pahoa-Kalapana Rd., Kaimu-Chain of Craters Rd.)	21.639
139 (Old Kea'au-Pahoa Rd.)	1.185
163 Access Road to City of Refuge	0.131
190 (Mamalahoa Hwy., Palani Rd.)	38.965
197 (Kealahou Parkway)	1.172 (not including 1.92 miles Proposed)
200 (Saddle Rd., Danfel K. Inouye Hwy.)	45.62 (not including 16 miles Proposed)
210 (Mauna Kea Observatory Access Rd.)	6.27
220 (Honoum Rd., Mamalahoa Hwy., Akaka Falls Rd.)	3.762
250 (Kohala Mountain Rd., Hawi Rd.)	19.276
270 (Kawaihae Rd., Akoni Pule Hwy.)	19.322
1370 (Kalanianaʻole Street)	0.48 (0.186 State NHS, 0.294 County NHS)
2000 (Pualaka St.)	6.873
HAWAII DISTRICT TOTAL	386.191

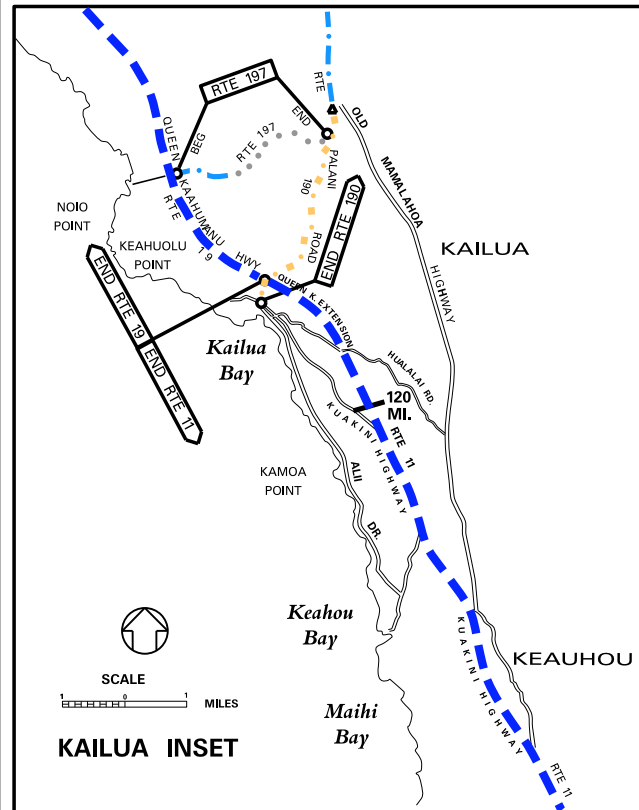
Please Refer to Hwy System Changes List for Route Changes.

Date Released	Revised
Dec 02, 2002	DB
Feb 03	DB
May 04	DB
Jun 07	DB
Jul 08	DB
April 09	DB
Jul 11	DB
Jul 12	DB
Jul 13	DB
Dec 13	DB
Dec 14	DB
Jun 16	DB
Jun 17	DB
Jul 18	DB
Nov 18	DB
Dec 23	DB

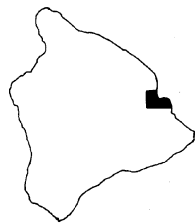
DISCLAIMER: This product is for informational purposes only and may not be suitable for legal, engineering, or surveying purposes. This information is provided with the understanding that conclusions drawn from such information are the responsibility of the user. If you feel the information shown on 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.

ISLAND OF HAWAII

DECEMBER 2023



Date Released	
<u>Dec. 2002, JK</u>	
Revised	
<u>Feb. 03</u>	<u>DB</u>
<u>May 04</u>	<u>DB</u>
<u>Mar. 08</u>	<u>DB</u>
<u>Feb. 09</u>	<u>DB</u>
<u>Jan., 10</u>	<u>DB</u>
<u>Feb. 11</u>	<u>DB</u>
<u>Feb. 12</u>	<u>DB</u>
<u>Dec. 13</u>	<u>EPJ</u>
<u>Feb. 16</u>	<u>DB</u>
<u>Feb. 17</u>	<u>DB</u>
<u>Feb. 18</u>	<u>DB</u>
<u>Nov. 18</u>	<u>DB</u>
<u>Dec. 19</u>	<u>CR</u>
<u>Apr. 24</u>	<u>EPJ</u>



STATE ROUTE SYSTEM

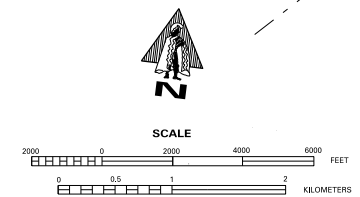
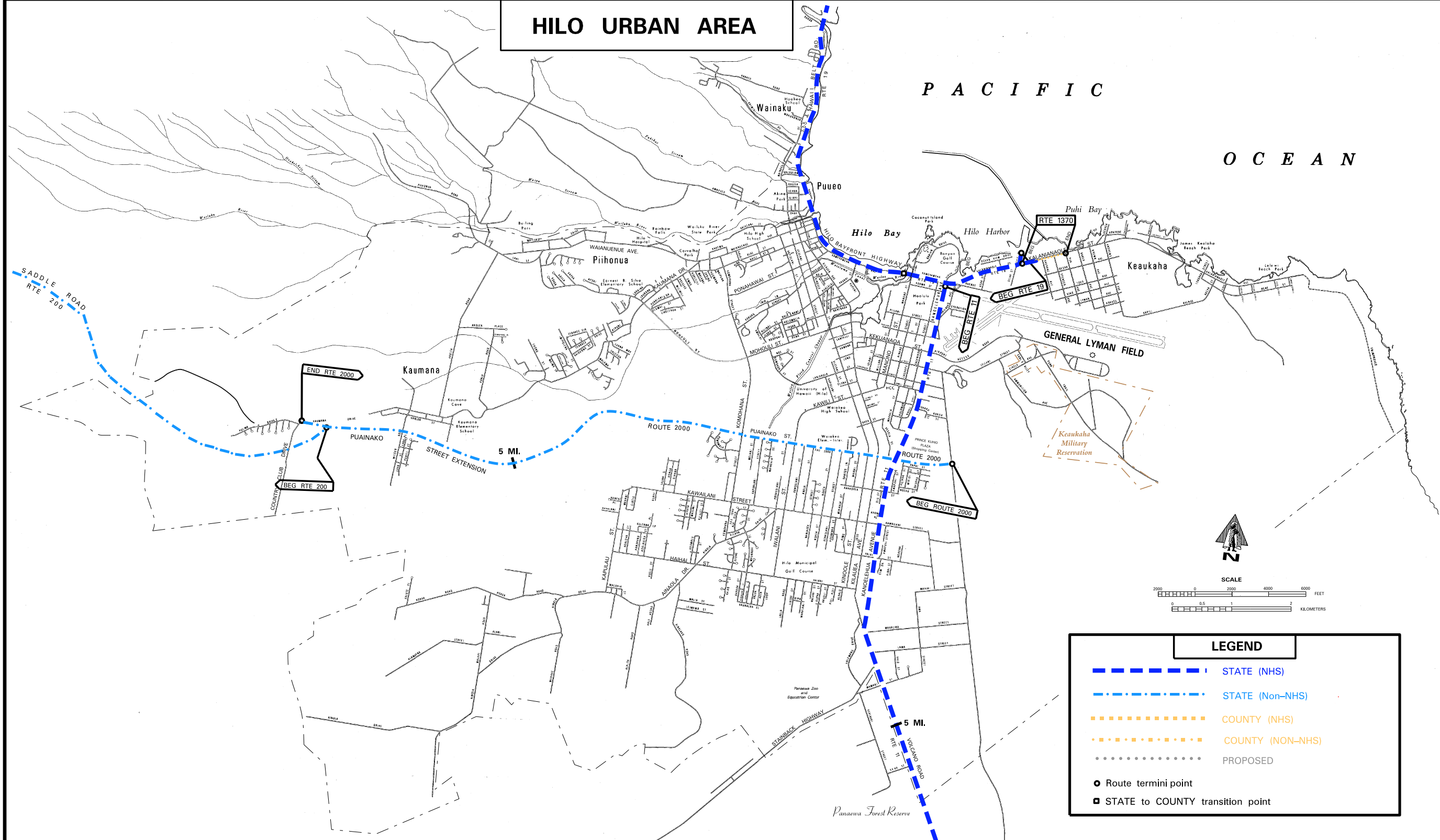
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
PREPARED BY THE HIGHWAYS DIVISION, PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

DECEMBER 2023

HILO URBAN AREA

P A C I F I C

O C E A N



LEGEND

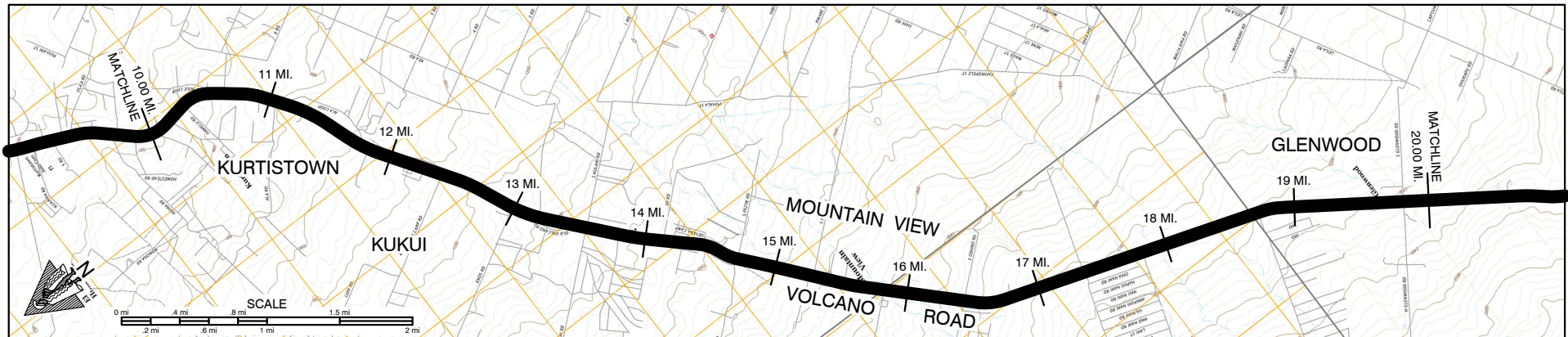
- STATE (NHS)
- STATE (Non-NHS)
- COUNTY (NHS)
- COUNTY (NON-NHS)
- PROPOSED
- Route termini point
- STATE to COUNTY transition point

Date Released	Dec 2002, JK
Revised	
Jul 03	DB
May 04	DB
Jul 08	DB
Jul 11	DB
Jul 12	DB
Dec 13	CPJ
Dec 14	CPJ
Jan 16	CPJ
Jan 17	CPJ
Jul 18	DB
Nov 18	DB
Dec 20	CPJ
Dec 21	CPJ
Apr 24	CPJ

ROAD INVENTORY
HAWAII RTE 11
VOLCANO 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: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

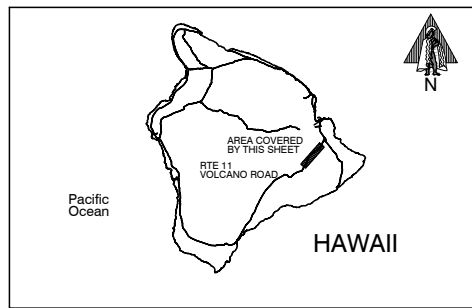
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

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

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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

DOD Sections

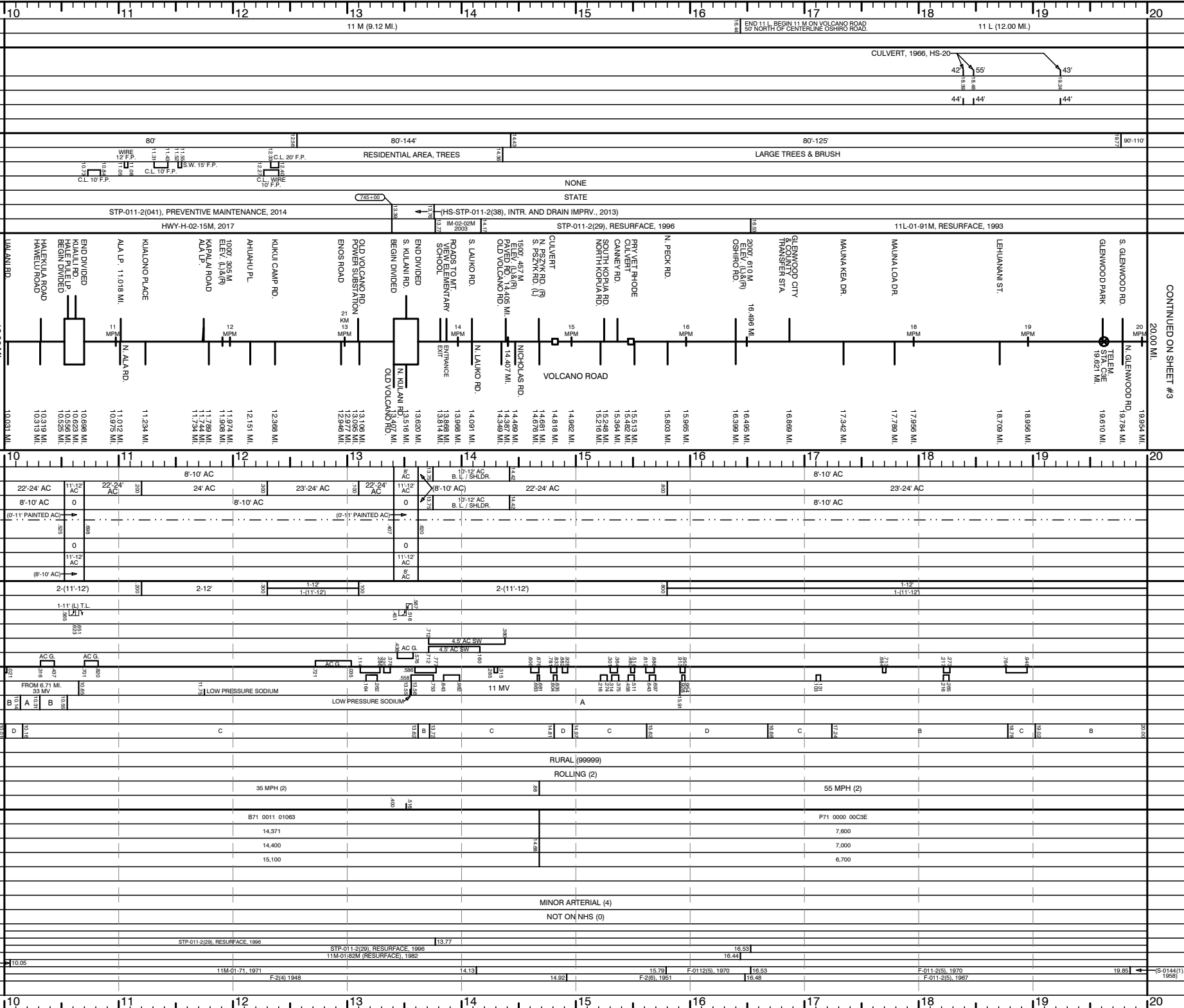
Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

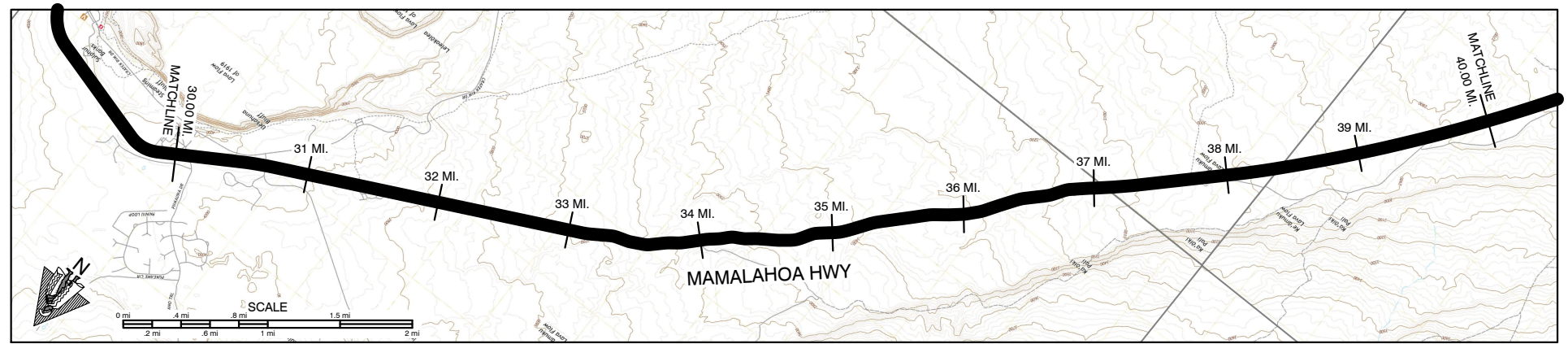
SCALE: (In Miles) 2" = 1 mile



ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 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)

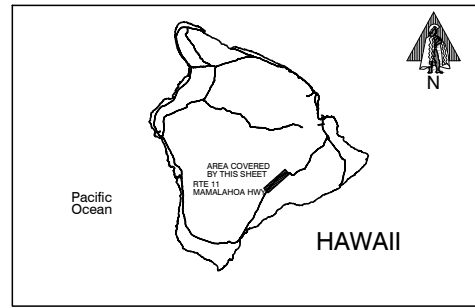
Right of Way Fence: Type - Right and Left

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

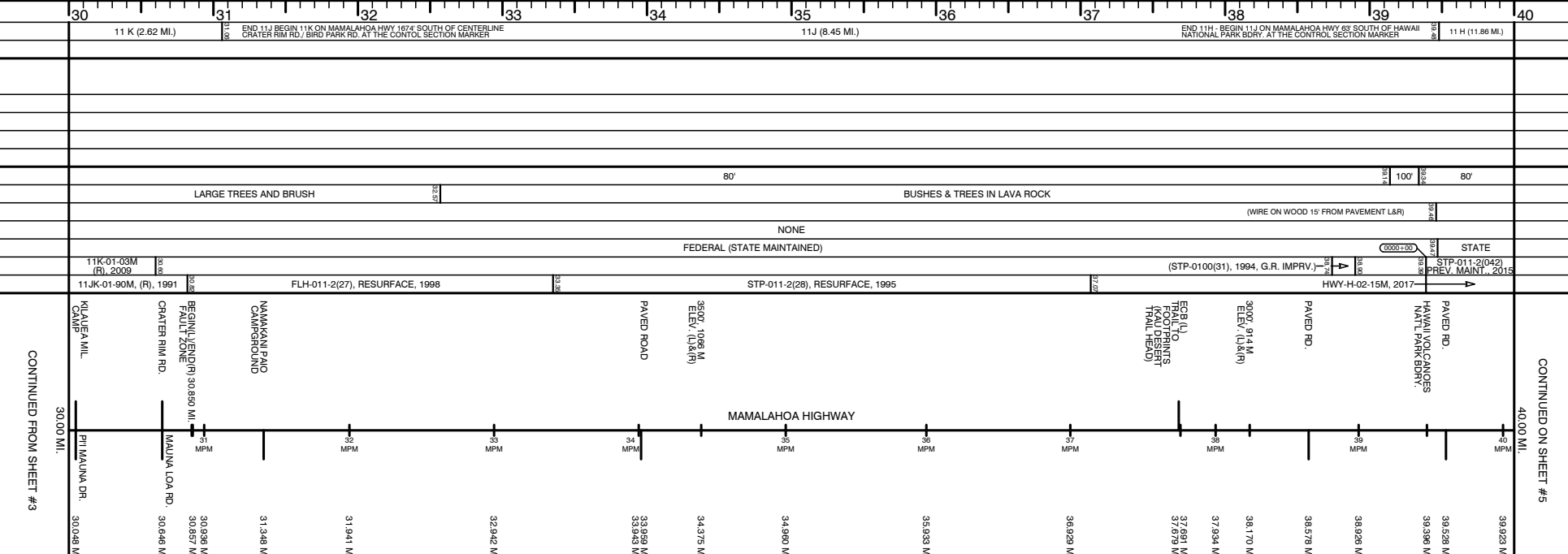
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Road Diagram
* MPM=Milepost Marker



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

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 2022

HPMS Sections AADT 2021

HPMS Sections AADT 2020

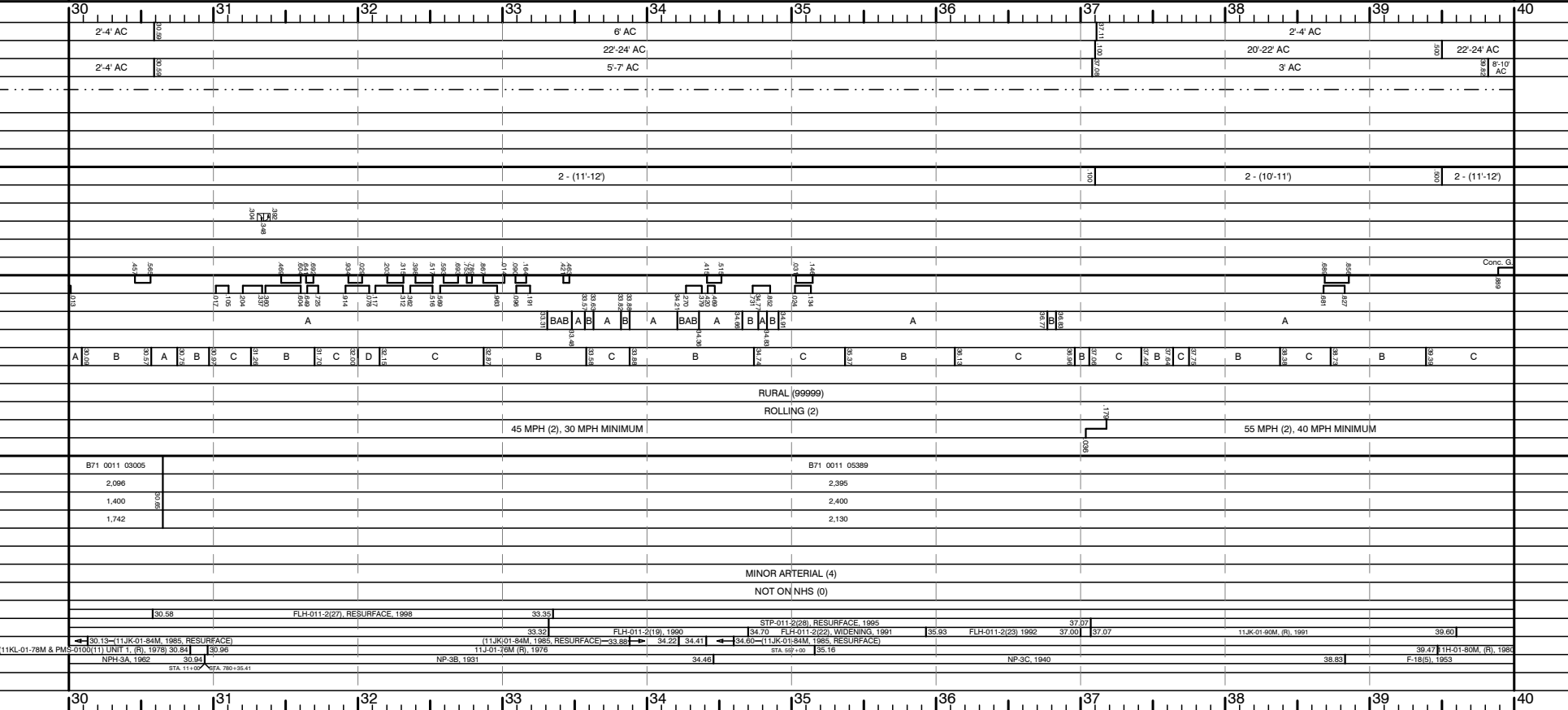
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



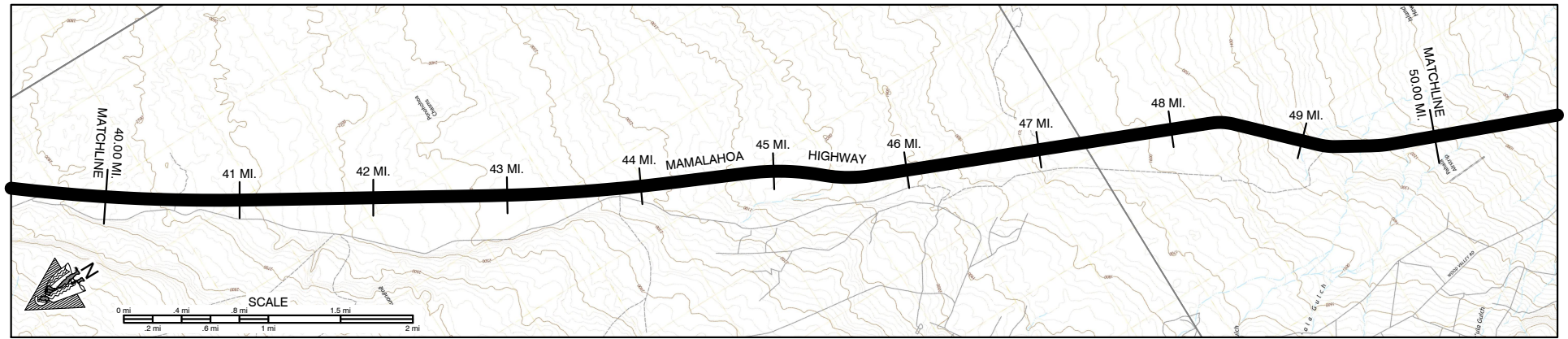
SCALE: (In Miles) 2" = 1 mile

Date Released	Revised
June 05, D.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.
2/18	D.B.
11/18	D.B.
12/19	D.B.
12/20	E.P.J.

ROAD INVENTORY
HAWAII RTE 11
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: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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)

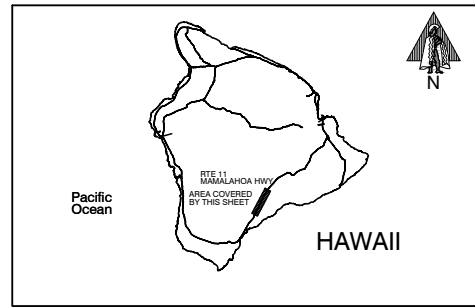
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

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 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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

DOD Sections

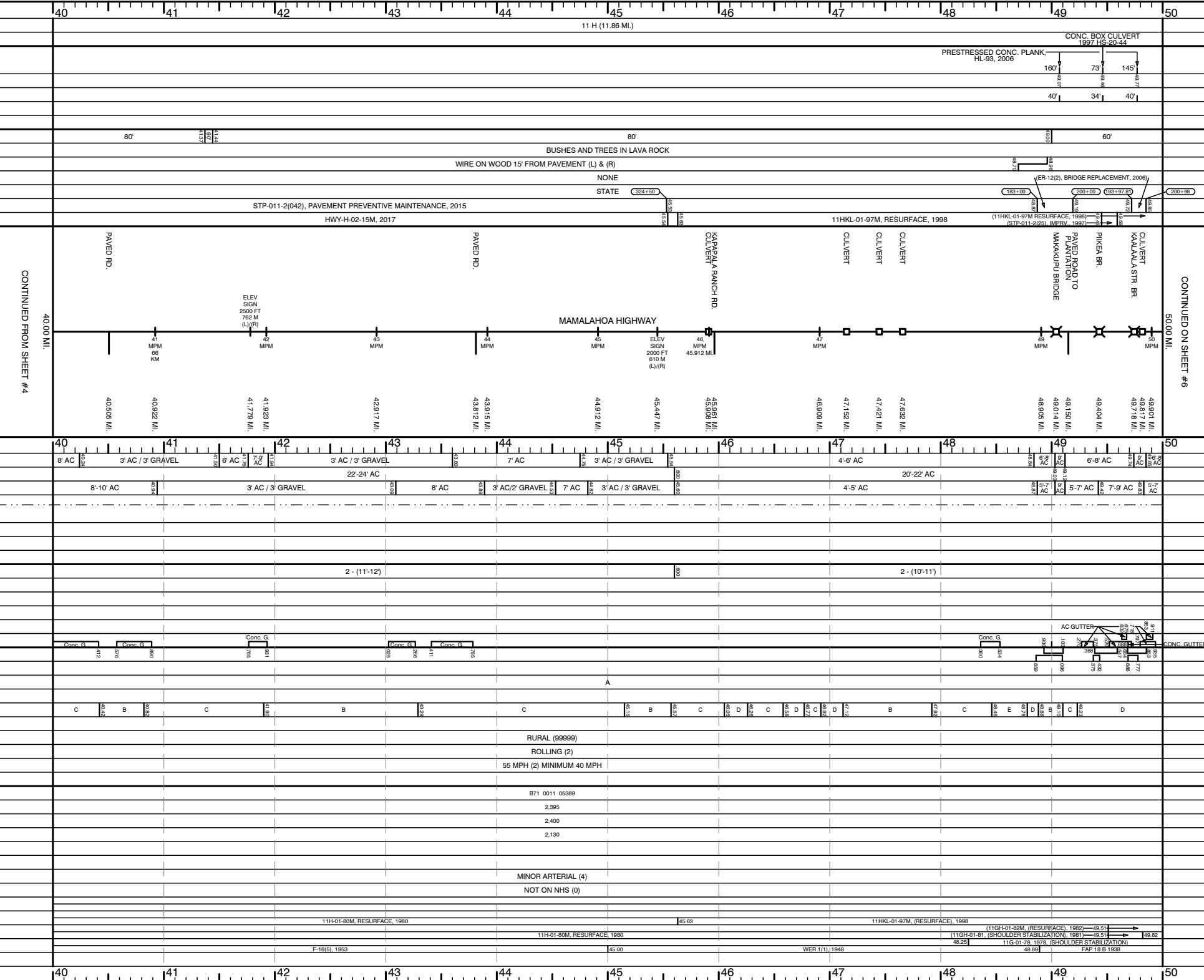
Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

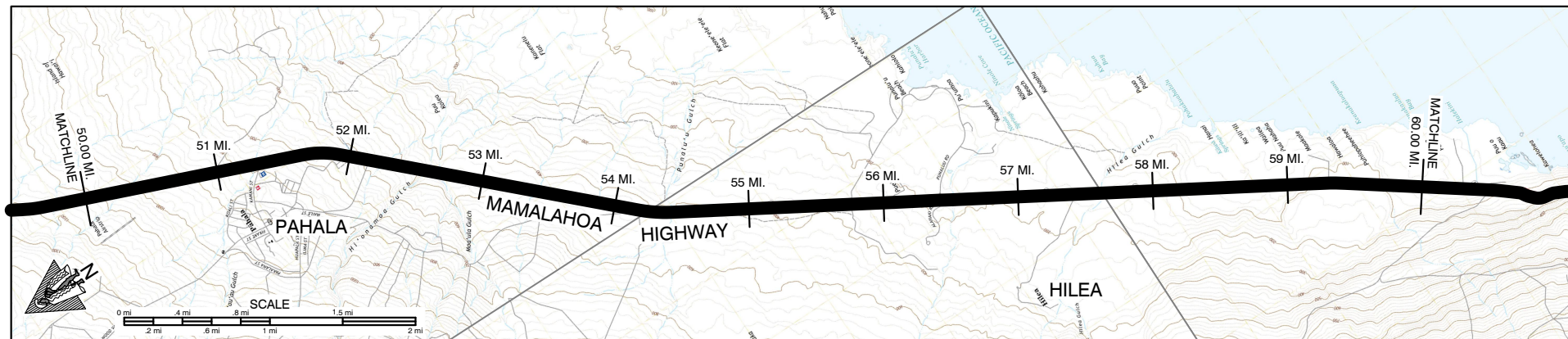


ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 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
Structure Over Road	Vertical Clearance
	Horizontal Clearance
	Vertical Clearance
	Horizontal Clearance

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

Available Right of Way Width (Needs Study)

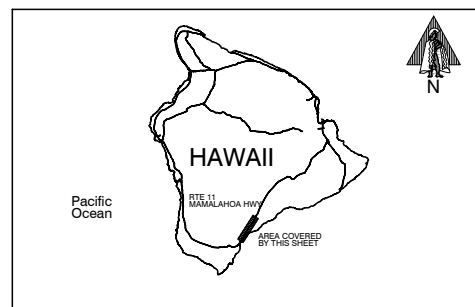
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #5

CONTINUED ON SHEET #7

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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

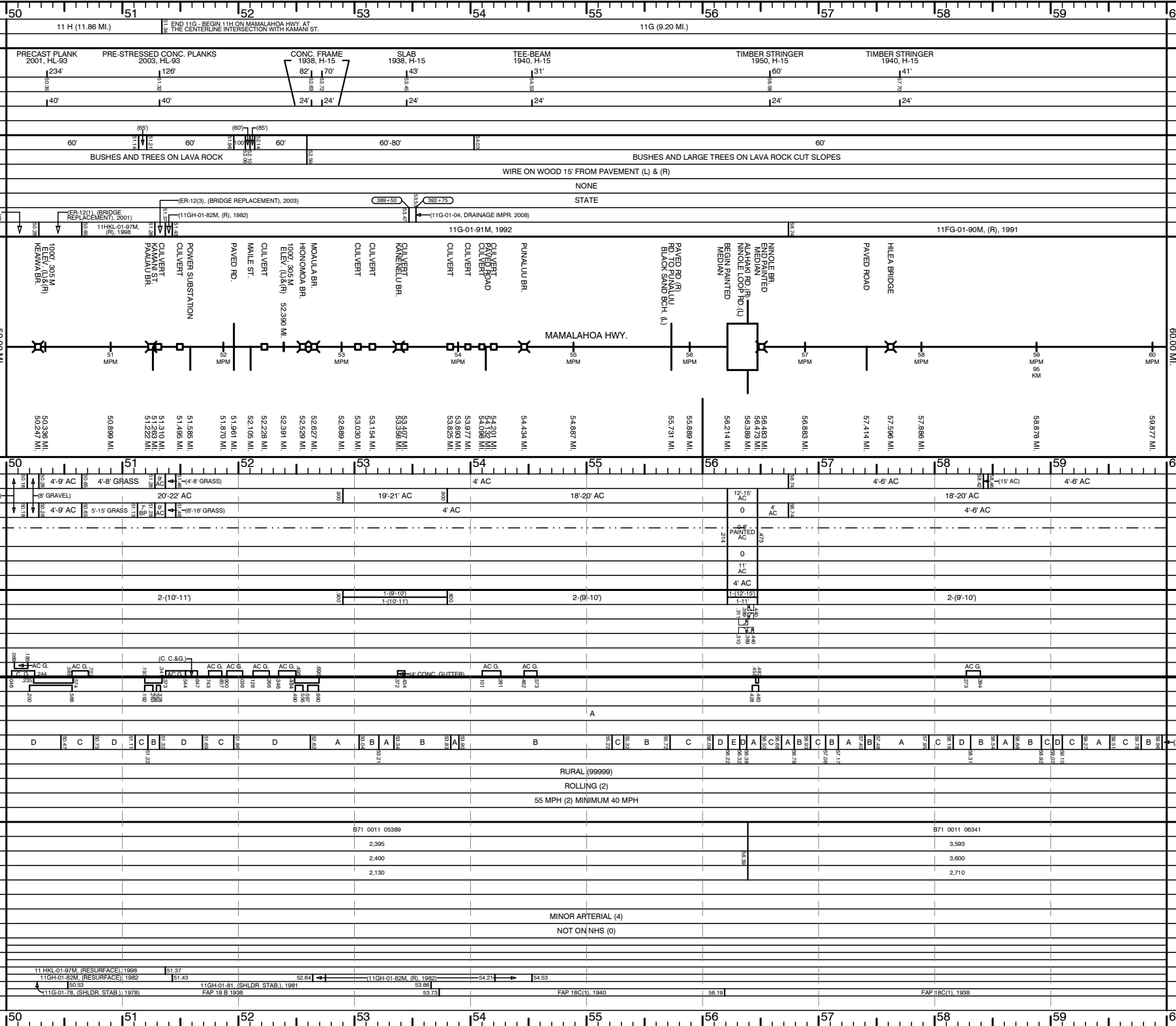
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



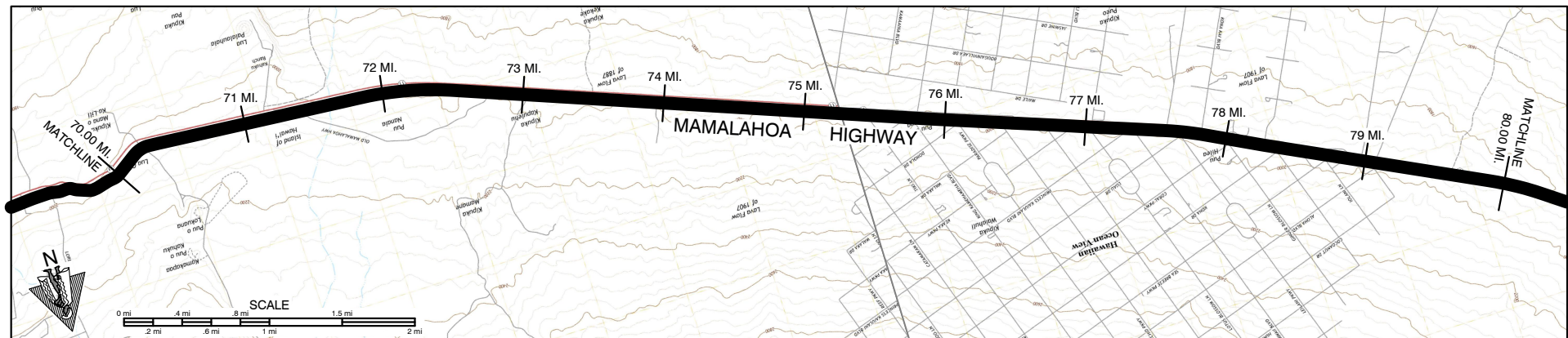
SCALE: (In Miles) 2" = 1 mile

Date Released	Jan. 06, D.B.
Revised	
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.
2/18	D.B.
11/18	D.B.
12/19	D.B.
12/20	E.P.J.

ROAD INVENTORY
HAWAII RTE 11
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: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles

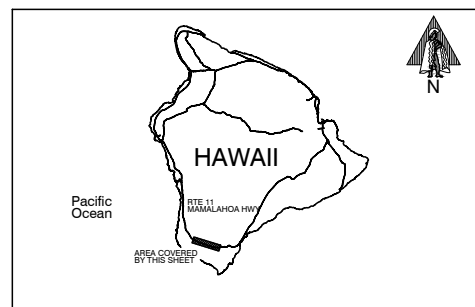


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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
* MPM=Milepost Marker

CONTINUED FROM SHEET #7

CONTINUED ON SHEET #9

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
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 2022
HPMS Sections - AADT 2021
HPMS Sections - AADT 2020
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits

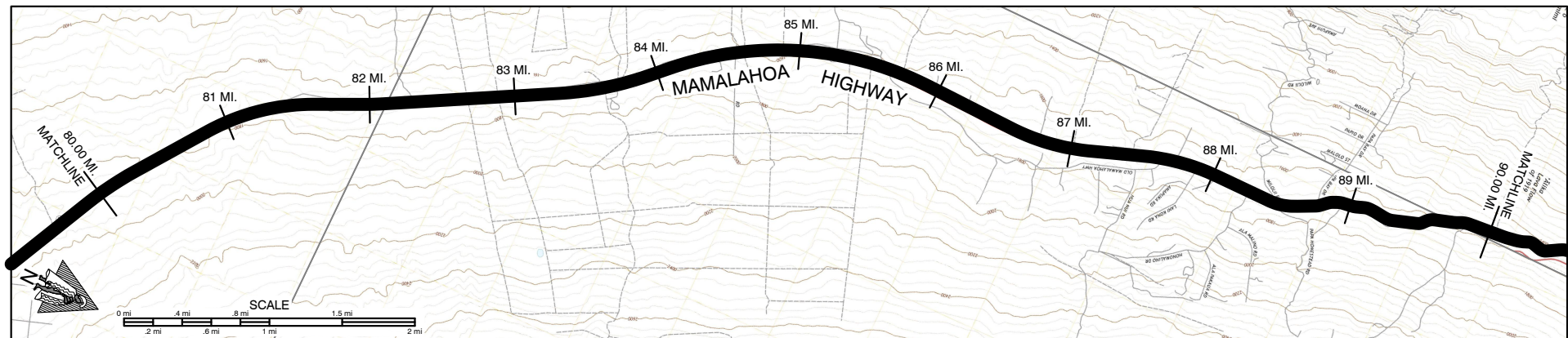
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

11 D (9.85 MI.)

END 11C - BEGIN 11D ON MAMALAHOA HWY AT THE CENTERLINE INTERSECTION WITH MILOLU ACCESS ROAD. 21

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)

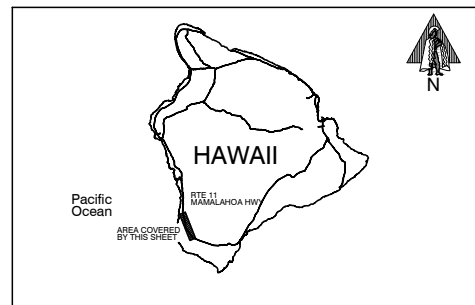
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

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
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 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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

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 06	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.
2/18	D.B.
11/18	D.B.
12/19	D.B.
12/20	E.P.J.

ROAD INVENTORY
HAWAII RTE 11
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: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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)

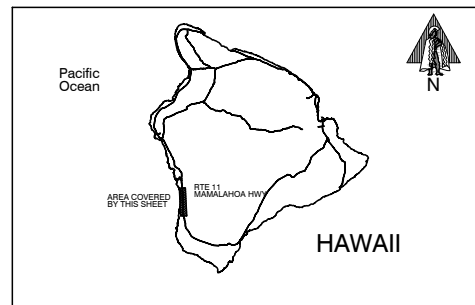
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

CONTINUED FROM SHEET #9

CONTINUED 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
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 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 2022

HPMS Sections AADT 2021

HPMS Sections AADT 2020

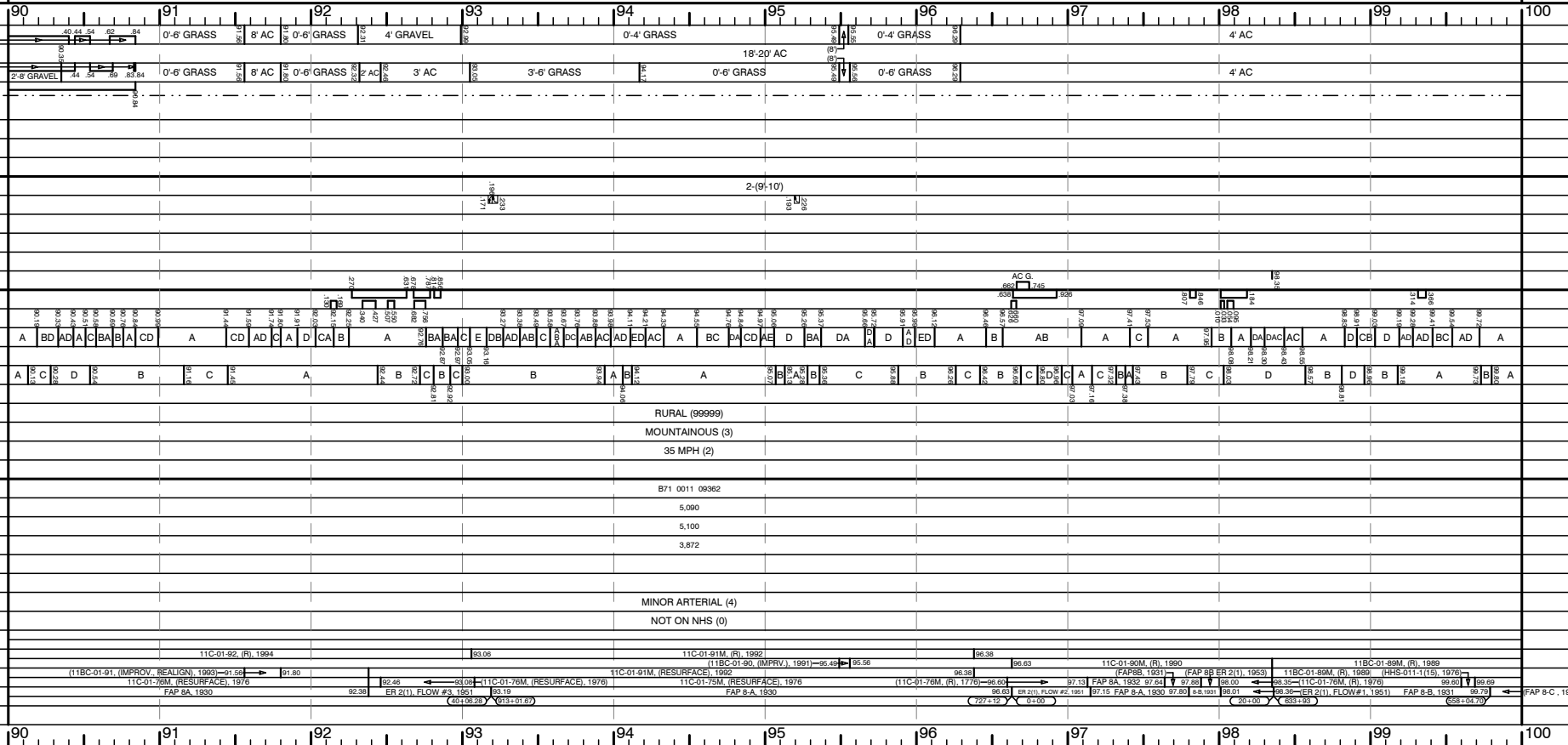
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



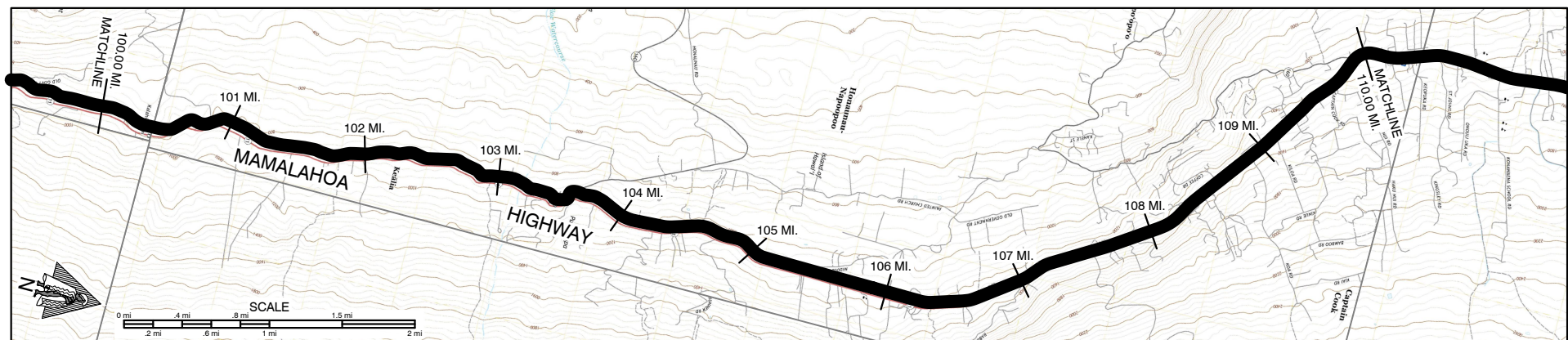
SCALE: (In Miles) 2" = 1 mile

Date Released	Revised
Feb. 06, D.B.	
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.	
2/18 D.B.	
11/18 D.B.	
12/19 D.B.	
12/20 E.P.J.	

ROAD INVENTORY
HAWAII RTE 11
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: 121.970 miles
a. Survey Length: 121.970 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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)

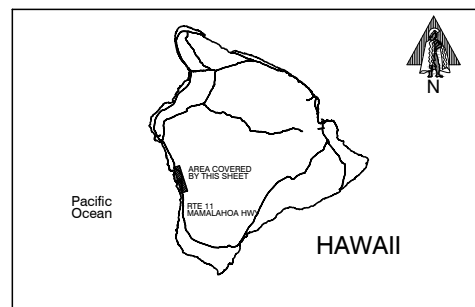
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

CONTINUED FROM SHEET #10

CONTINUED ON SHEET #12

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Undivided	Shoulder: Width and Type	4' AC										3' AC										4' AC										3' AC										6' AC										6' AC										4' GRASS										18'-20' AC										(18'-20' AC)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Pavement: Width and Type	18'-20' AC										20' AC																				6' AC										10' AC										2' AC										18'-20' AC										(18'-20' AC)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Shoulder: Width and Type	4' AC										3' AC										4' AC										3' AC																				6' AC										10' AC										2' AC										18'-20' AC										(18'-20' AC)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Median: Width and Type											(0'-10' GRASS)										12'-4' AC																				(PAINTED MEDIAN 0-10')																				(PAINTED MEDIAN 0-6')										(PAINTED MEDIAN 0-6')																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Median Barriers:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Shoulder: Width and Type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Pavement: Width and Type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Shoulder: Width and Type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Number of Traffic Lanes	2 (9'-10')										2-10'										2 (9'-10')										2 (9'-10')										2 (9'-10')										2 (9'-10')										2 (9'-10')										2 (9'-10')										2 (9'-10')																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	(Right Side)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Frontage Road: No. of Lanes, and Width (Right and Left)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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))	A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A B C A E D A D A B A C										A C A C A B A									

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

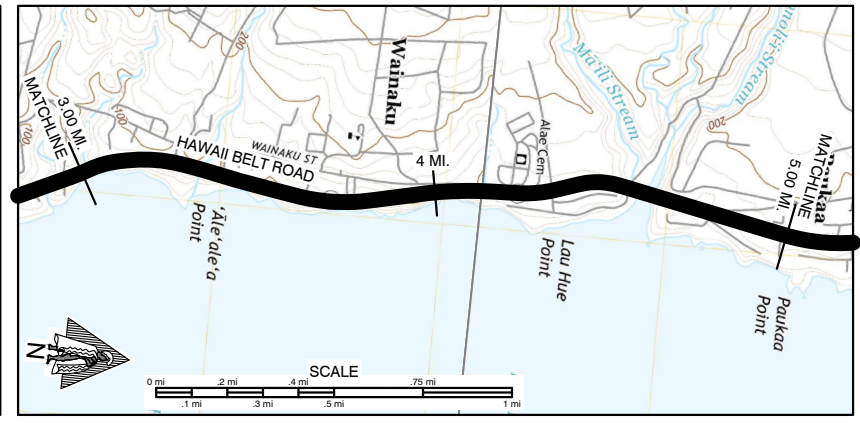
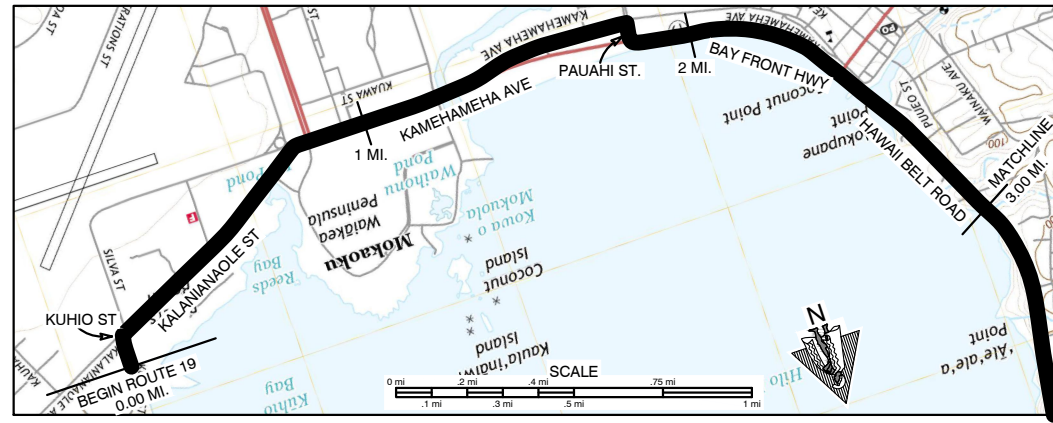
The map shows the proposed extension of the Queen Kaahumanu Highway (Route 11) from Laniakae to the matchline. The highway route is shown in black, with a red line indicating the extension. Key locations include Laniakae, Queen Kaahumanu, and the matchline. A scale bar and a north arrow are also present.

Date Released	
Feb. 06, D.B.	
Revised	
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.
2/18	D.B.
11/18	D.B.
12/19	D.B.
12/20	E.P.J.

ROAD INVENTORY
HAWAII RTE 19
KUHIO ST., KALANIANA'OLE ST., KAMEHAMEHA AVE.,
PAUHI 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

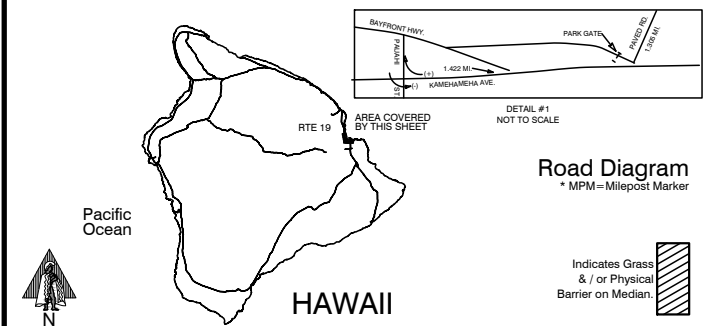
Total Route Length: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.000 miles
c. Other Length: * 0.000 miles
*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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



SCALE: (In Miles) 4" = 1 mile

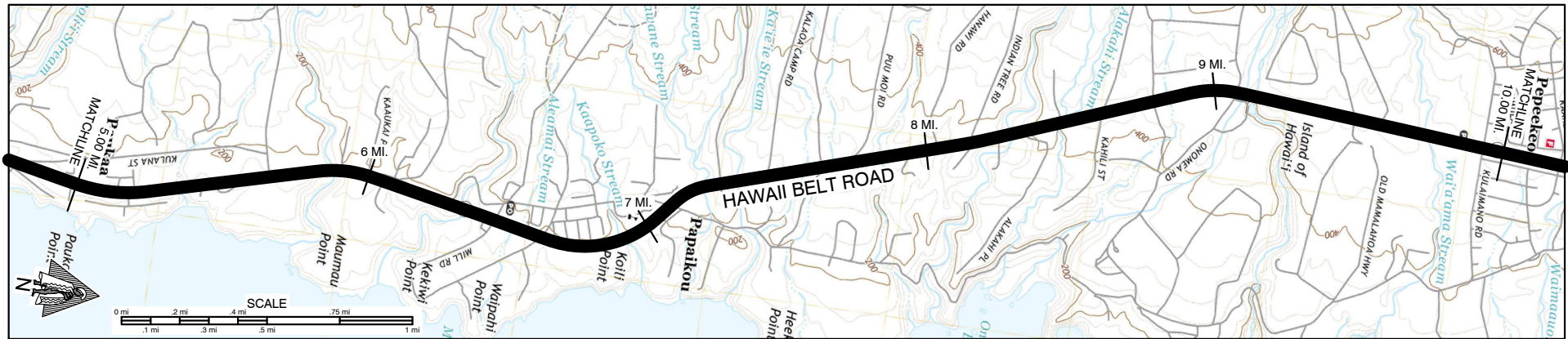
Divided Highway	Shoulder: Width and Type		Pavement: Width and Type		Shoulder: Width and Type		Median: Width and Type		Median Barriers:		Shoulder: Width and Type		Pavement: Width and Type		Shoulder: Width and Type	
Number of Traffic Lanes																
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)																
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 2022																
HPMS Sections - AADT 2021																
HPMS Sections - AADT 2020																
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 19
HAWAII BELT ROAD

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

Total Route Length: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.000 miles
c. Other Length: * 0.000 miles
*

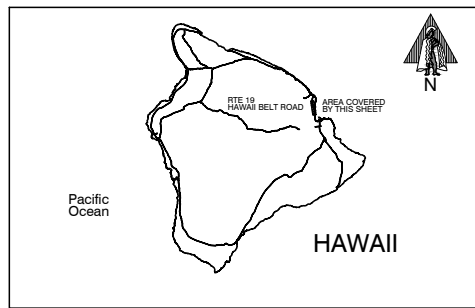


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

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



Road Diagram
* MPM=Milepost Marker

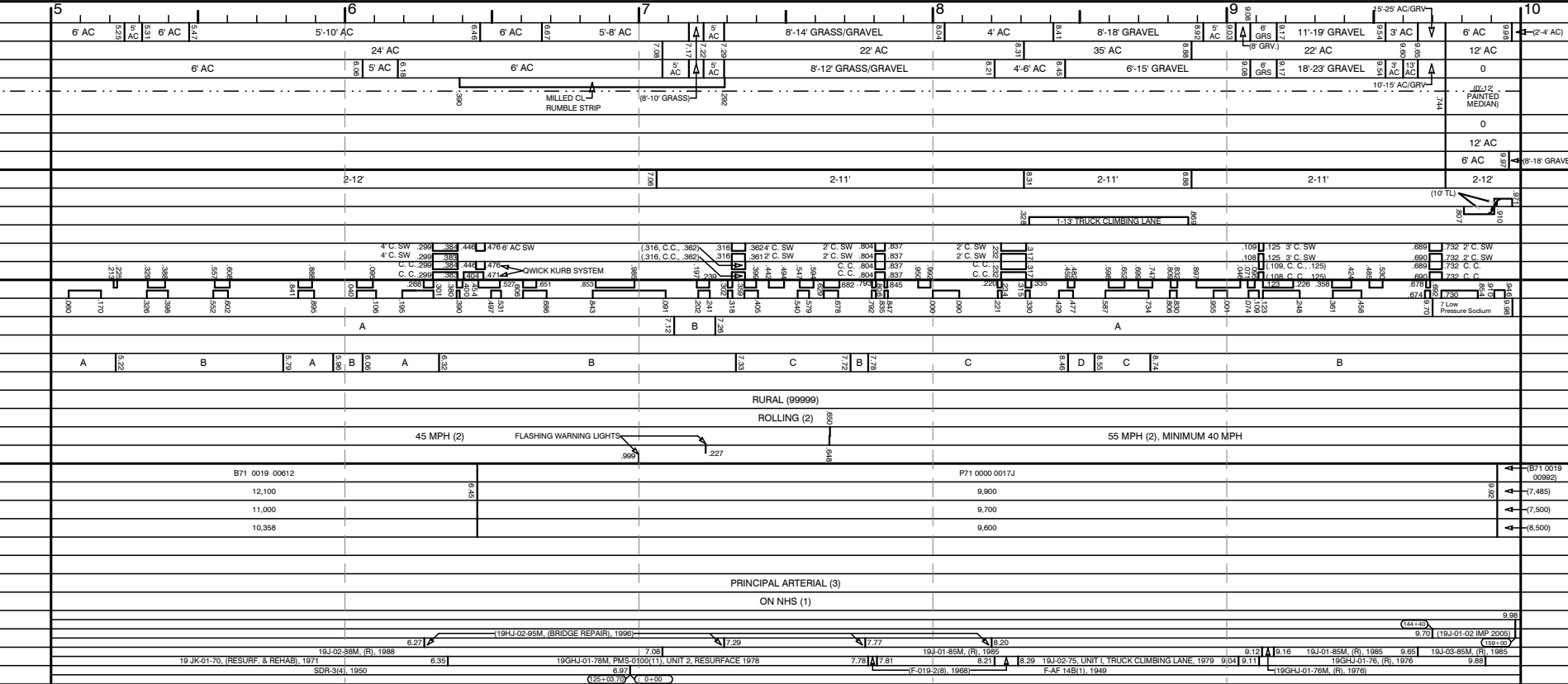
CONTINUED FROM SHEET #1

CONTINUED ON SHEET #3

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
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 2022
HPMS Sections - AADT 2021
HPMS Sections - AADT 2020
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile



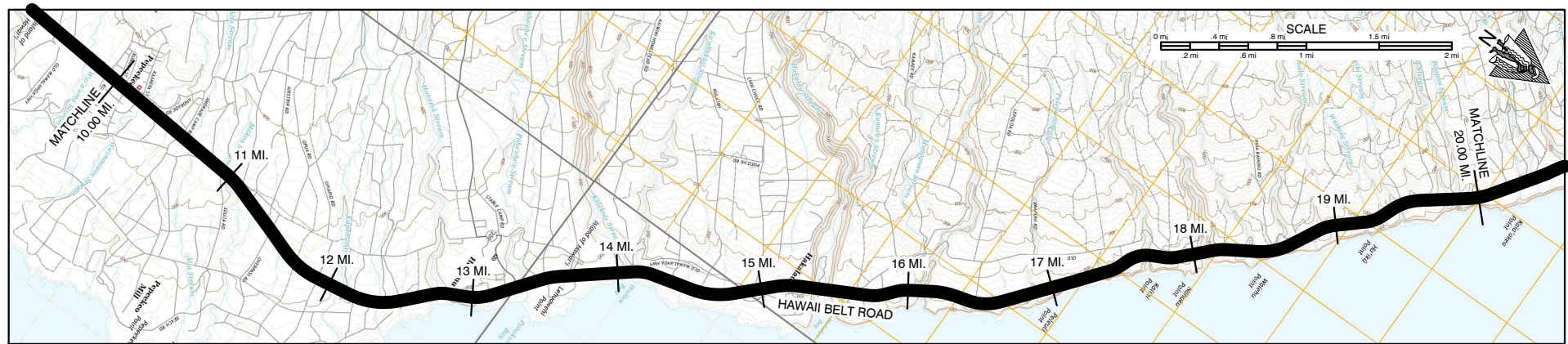
SCALE: (In Miles) 4" = 1 mile

Date Released	Feb. 06, D.B.
Revised	
5/06	G.N.
12/09	D.B.
2/11	D.B.
2/12	D.B.
9/12	E.P.J.
1/13	E.P.J.
12/13	E.P.J.
7/14	D.B.
1/16	E.P.J.
1/17	E.P.J.
2/18	D.B.
11/18	D.B.
12/20	E.P.J.

ROAD INVENTORY
HAWAII RTE 19
HAWAII BELT ROAD

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

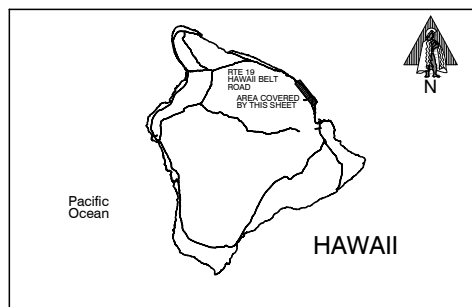
Total Route Length: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.000 miles
c. Other Length: * 0.000 miles
*



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
	Horizontal Clearance	Horizontal Clearance
Right of Way Width (min.-max.) if varies	80'-135'	
Available Right of Way Width (Needs Study)	(RESIDENTIAL)	
Right of Way Fence: Type - Right and Left	CLEAR 1000' - SUGAR CANE 10'-20' FROM PAVEMENT	
Control of Access: 1-None, 2-Partial, 3-Full	NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE	
Project No., Type of Construction, and Year Constructed	STP-019-2(35), RESURFACE, 1997	
Project No., Type of Construction, and Year Constructed	STP-019-2(36), (R), 1998	



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #2

CONTINUED ON SHEET #4

SCALE: (In Miles) 2" = 1 mile

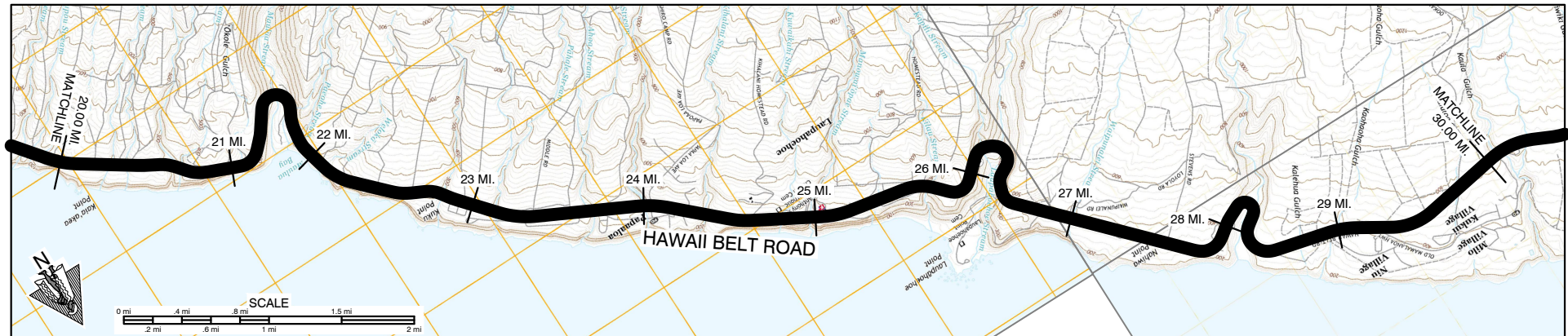
Divided Highway	Shoulder: Width and Type	
	Pavement: Width and Type	Shoulder: Width and Type
	Median: Width and Type	Median Barriers:
	Shoulder: Width and Type	Pavement: Width and Type
Number of Traffic Lanes	2-12	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	2-12	
Frontage Road: No. of Lanes, and Width (Right and Left)	2-12	
Sidewalk: Width and Type (Right and Left)	2-12	
Curb and/or Gutter: Type (Right and Left)	2-12	
Protective Devices: Type, Location and Number	ALL METAL ON METAL (UNLESS NOTED OTHERWISE)	
Illumination: Type, Location and Number	ALL METAL ON METAL (UNLESS NOTED OTHERWISE)	
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)	A	
Grades Class: +/- % (A(0-45) B(45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45))	B	
Vertical Curve: Crest or Sag, Curve Limits	B	
Area and Development:	B	
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	B	
Speed: 1-Design, 2-Posted	55 MPH (2) - MINIMUM 40 MPH	
Intersection Control Devices: Type, Location and Cycle Timing	55 MPH (2) - MINIMUM 40 MPH	
Traffic Stations (Current Year)	B71 0019 00992	
HPMS Sections - AADT 2022	7,485	
HPMS Sections - AADT 2021	7,500	
HPMS Sections - AADT 2020	8,500	
DOD Sections	8,500	
Census Tracts	8,500	
Functional Classification	PRINCIPAL ARTERIAL (3)	
National Highway System (NHS)	ON NHS (1)	
Previous Projects: Project No., Date and Limits	STP-019-2(35), RESURFACE, 1997	

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 19
HAWAII BELT ROAD

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

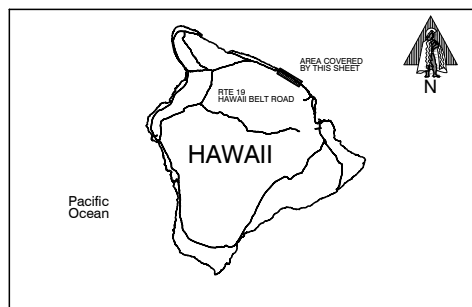
Total Route Length: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.000 miles
c. Other Length: * 0.000 miles
*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed		TEE BEAM 193A, H-15 137' CONC. FRAME 1953 H5-30 95' STEEL MULTI STRINGER 1953, H5-30 280' TEE BEAM 193A, H-15 131' 133' TEE BEAM 1956, H5-30 246' 219' CONC. BOX GIRDER, H5-30 331' (1956) 194' 234' (1957) TEE BEAM, H5-20, 1953 225' STEEL MULTI STRINGER, 1957, H5-30												
	Vertical Clearance														
	Horizontal Clearance														
	Vertical Clearance														
Structure Over Road	Horizontal Clearance		16'-4"												
			(BUSHES, TREES, CANEFIELD)												
	Right of Way Width (min.-max.) if varies		70' - 140' 100' - 220' 50' 100' - 215' 100' 100' - 150' 95' - 165' 100' - 140'												
	Available Right of Way Width (Needs Study)		BRUSH AND LARGE TREES 1000' CLEAR SUGAR CANE 20' FROM PAVEMENT RESIDENTIAL AREA LARGER TREES AND CUT SLOPES, BRUSH 1000' CLEAR - SUGAR CANE 20' FROM PAVEMENT												
Right of Way Fence: Type - Right and Left			NONE WIRE MESH ROCKFALL PROTECTION (WIRE ON WOOD, 20' FROM PAVEMENT (L) & (R))												
Control of Access: 1-None, 2-Partial, 3-Full															
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)			STATE												
Project No., Type of Construction, and Year Constructed			STP-019-2(33) 1997 (R) STP-019-1(30) RESURFACE STP-019-2(33) 1997 (R) 19H-01-99M RESURFACE STP-019-2(37) RESURFACE												
Project No., Type of Construction, and Year Constructed			1996 RESURF 1995 1997 (R) 2000 1997												



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #3

CONTINUED ON SHEET #5

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	ALL METAL ON METAL (UNLESS NOTED OTHERWISE)																																																																																																					
Illumination: Type, Location and Number																																																																																																						
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62))																																																																																																						
Superelevation (Range)																																																																																																						
Grades Class: +/- % (A(0-.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 2022																																																																																																						
HPMS Sections AADT 2021																																																																																																						
HPMS Sections AADT 2020																																																																																																						
DOD Sections																																																																																																						
Census Tracts																																																																																																						
Functional Classification																																																																																																						
National Highway System (NHS)																																																																																																						
Previous Projects: Project No., Date and Limits																																																																																																						
SCALE: (In Miles) 2" = 1 mile																																																																																																						

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 19
HAWAII BELT ROAD

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

Total Route Length: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.000 miles
c. Other Length: * 0.000 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

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

Available Right of Way Width (Needs Study)

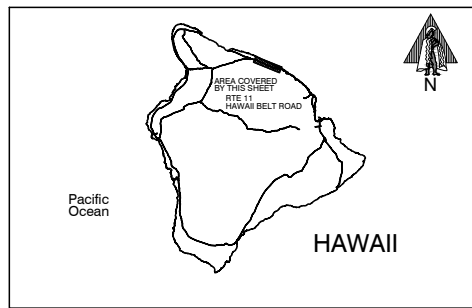
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

ALL METAL ON METAL (UNLESS NOTED OTHERWISE)

Illumination: Type, Location and Number

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

Superelevation (Range)

Grades Class: +/- % (A(0-45) 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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

DOD Sections

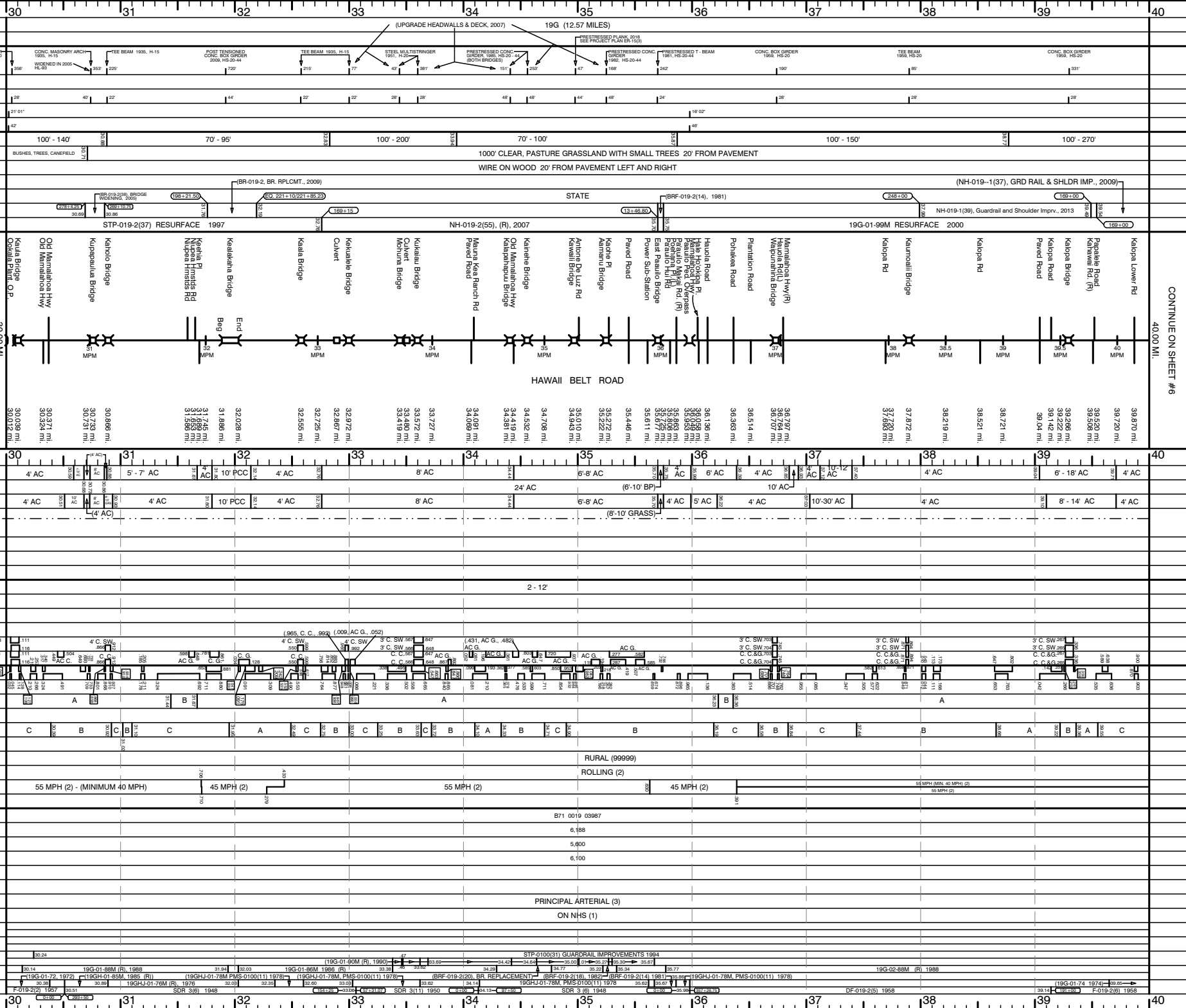
Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

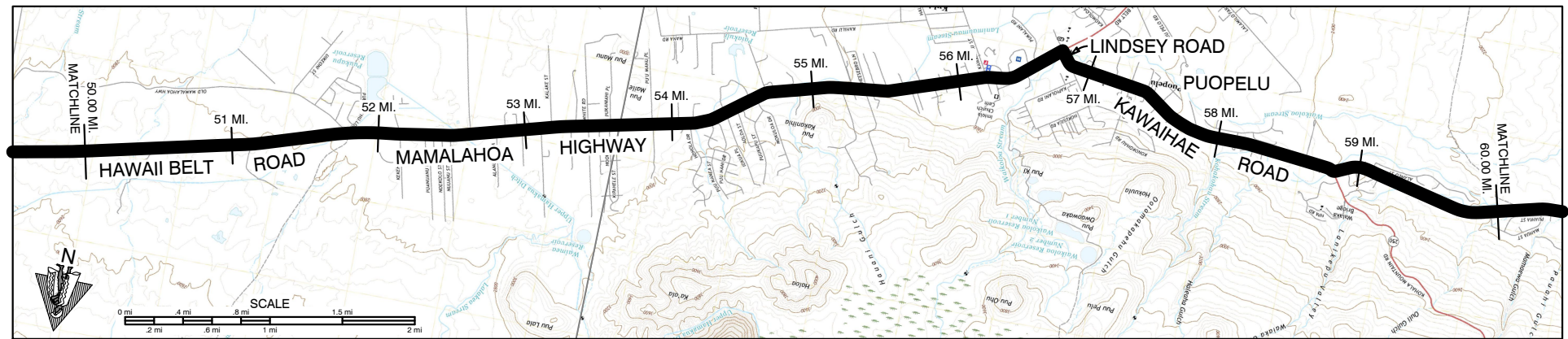
SCALE: (In Miles) 2" = 1 mile



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

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

Total Route Length: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.000 miles
c. Other Length: * 0.000 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)

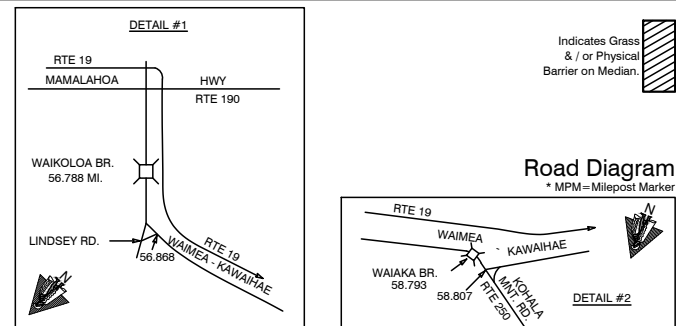
Right of Way Fence: Type - Right and Left

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



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 ON METAL (UNLESS NOTED OTHERWISE)

Illumination: Type, Location and Number

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

Superelevation (Range)

Grades Class: +/- % (A(0-45) 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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

DOD Sections

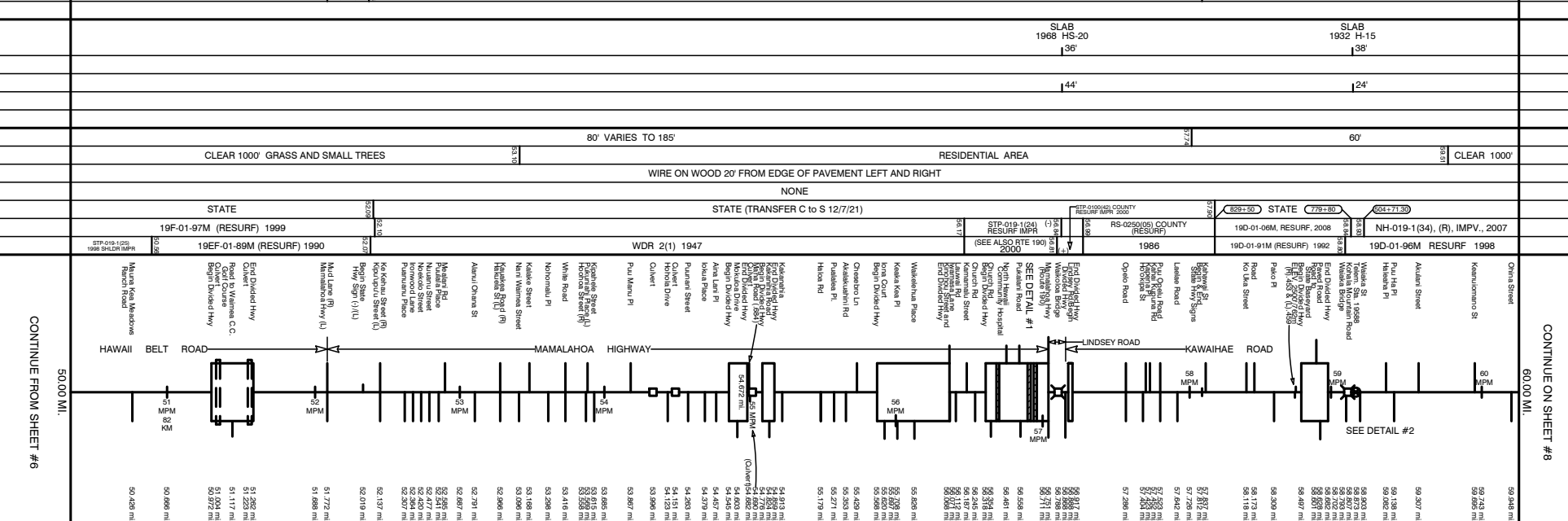
Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

50	51	52	53	54	55	56	57	58	59	60
19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)
COUNTY										



50	51	52	53	54	55	56	57	58	59	60
19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)
COUNTY										

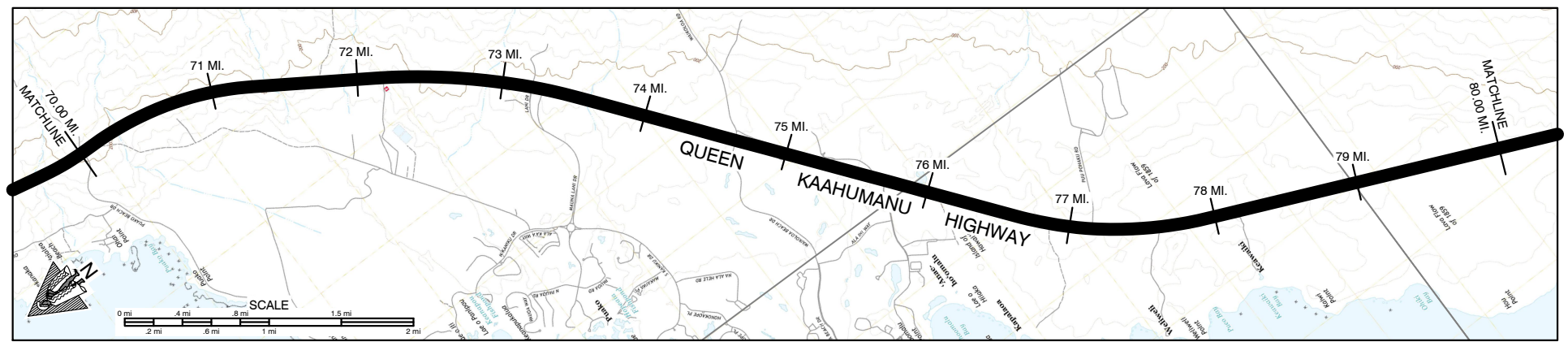
50	51	52	53	54	55	56	57	58	59	60
19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)	END 19 F BEGIN 19 F AT THE CENTERLINE OF MID LANE	19 F (10.05 MI.)
COUNTY										

SCALE: (In Miles) 2" = 1 mile

Date Released	Feb. 06, D.B.
Revised	
G.N.	4/06
D.B.	1/08
D.B.	4/09
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
D.B.	2/18
D.B.	11/18
E.P.J.	12/20

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

SCALE: (In Miles) 2" = 1 mile



SCALE: (In Miles) 2" = 1 mile

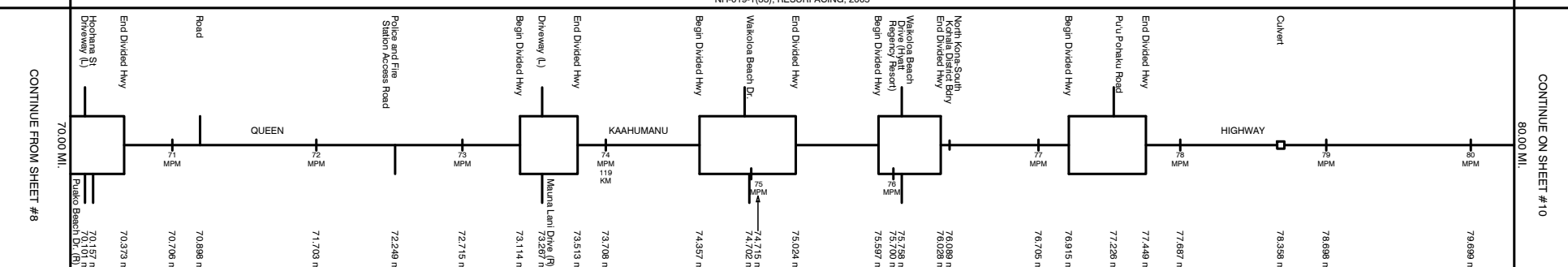
19C (15.04 MILES)

Right of Way Width (min.-max.) if varies		340' - 420'	310' - 390'
Available Right of Way Width (Needs Study)		CLEAR 1000' - GRASS, BUSHES AND LAVA ROCK 8' - 10' FROM EDGE OF PAVEMENT	(CLEAR 1000' - LAVA ROCK 8'-10' FROM EDGE OF PAVEMENT)

Right of Way Fence: Type - Right and Left		NONE	
---	--	------	--

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

Project No.	Type of Construction	Year Constructed	NH-019-1(33) RESURFACING 2005
-------------	----------------------	------------------	-------------------------------



SCALE: (In Miles) 2" = 1 mile

[illegible][illegible][illegible]

Date and/or Date:	Type	(Height and Length)
Destructive Devices; Type, Location and Number	All Metal OR Metal UNLESS NOTED OTHERWISE	.600 .700 .800 AC G ACG

[illegible][illegible]

Curves Class:	A(0-3.45)	B(3.45-5.44)	C(5.44-8.48)	D(8.48-13.65)	E(13.65-28.62)	F(>28.62)
---------------	-----------	--------------	--------------	---------------	----------------	-----------

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

Speed: 1-Design, 2-Posted			55 MPH (2)	3.90	45 MPH (2)	0.74	0.17	55 MPH (2)
---------------------------	--	--	------------	------	------------	------	------	------------

[illegible]

Traffic Stations (Current Year)		B7I 0019 07168	P7I 000000SR
---------------------------------	--	----------------	--------------

[illegible]

HPMS Sections - AADT 2021		10,300	14,100
---------------------------	--	--------	--------

[illegible]

Census Tracts

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

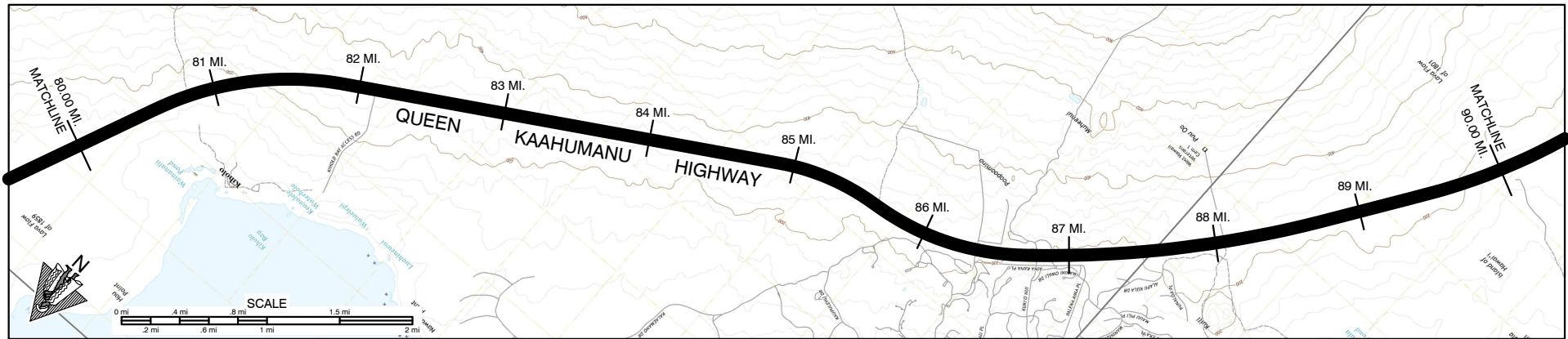
G-3257-01-60 1962		19 BC-01-71 (PHASE IIIA) (GRADING) 1974		74.87		75		76		77		78		79		80	
-------------------	--	---	--	-------	--	----	--	----	--	----	--	----	--	----	--	----	--

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: 99.526 miles
a. Survey Length: 99.526 miles
b. Proposed Length: 0.000 miles
c. Other Length: * 0.000 miles
*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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)

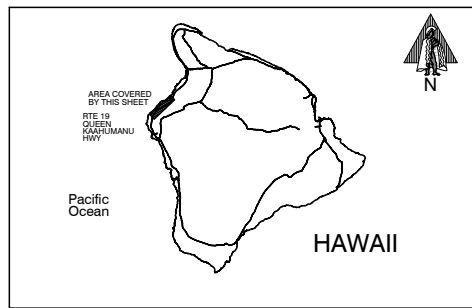
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

CONTINUE FROM SHEET #9

CONTINUE ON SHEET #11

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Shoulder: Width and Type	6' AC	12' AC	10' AC	24' AC	10' AC	8'-14' AC	12' AC	6' AC/8' GRAV	10' AC	6' AC
	Pavement: Width and Type	10' AC	12' AC	10' AC	24' AC	10' AC	12' AC	24' AC	12' AC	24' AC	12' AC
	Shoulder: Width and Type	0	0	0	0	0	0	0	0	0	0
	Median: Width and Type	0	0	0	0	0	0	0	0	0	0
	Median Barriers:	0	0	0	0	0	0	0	0	0	0
	Shoulder: Width and Type	0	0	0	0	0	0	0	0	0	0
Divided Highway	Pavement: Width and Type	12' AC	12' AC	12' AC	8'-10' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC
	Shoulder: Width and Type	12' AC	12' AC	12' AC	8'-10' AC	12' AC	12' AC	12' AC	12' AC	12' AC	12' AC
	Number of Traffic Lanes	2 - 12'	2 - 12'	2 - 12'	2 - 12'	2 - 12'	2 - 12'	2 - 12'	2 - 12'	2 - 12'	2 - 12'
	Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	0	0	0	0	0	0	0	0	0	0
(Right Side)		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
Sidewalk: Width and Type (Right and Left)		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
Protective Devices: Type, Location and Number		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
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62))		B	C	A	B	A	B	A	B	A	B
Superelevation (Range)		0	0	0	0	0	0	0	0	0	0
Grades Class: +/- % (A(0-45) B(45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45))		B	C	A	B	A	B	A	B	A	B
Vertical Curve: Crest or Sag, Curve Limits		0	0	0	0	0	0	0	0	0	0
Area and Development:		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
Speed: 1-Design, 2-Posted		0	0	0	0	0	0	0	0	0	0
Intersection Control Devices: Type, Location and Cycle Timing		0	0	0	0	0	0	0	0	0	0
Traffic Stations (Current Year)		0	0	0	0	0	0	0	0	0	0
HPMS Sections - AADT 2022		0	0	0	0	0	0	0	0	0	0
HPMS Sections - AADT 2021		0	0	0	0	0	0	0	0	0	0
HPMS Sections - AADT 2020		0	0	0	0	0	0	0	0	0	0
DOD Sections		0	0	0	0	0	0	0	0	0	0
Census Tracts		0	0	0	0	0	0	0	0	0	0
Functional Classification		0	0	0	0	0	0	0	0	0	0
National Highway System (NHS)		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

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 130
KEA'AU - PAHOA RD.

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

Total Designated Route Length:	21.639	MILES (a+b)
a. Existing Length:	21.639	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	21.639	MILES (a+b, less c)
a. Existing Length:	21.639	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)
NEEDS STUDY ROUTE NO.		FUNCTIONAL CLASSIFICATION

SCALE: (In Miles) 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	
Structure Over Road	Vertical Clearance
Horizontal Clearance	

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

Available Right of Way Width (Needs Study)

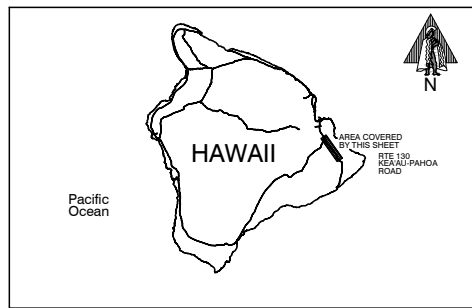
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

SCALE: (In Miles) 2" = 1 mile

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(2.45-4.54) D(4.54-6.45) 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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

Rush Hour Shoulder Lane

DOD Sections

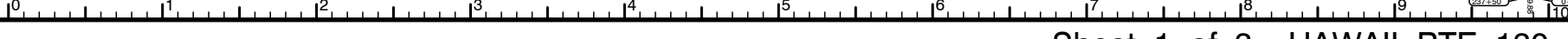
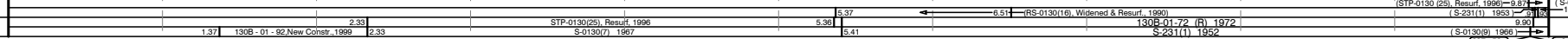
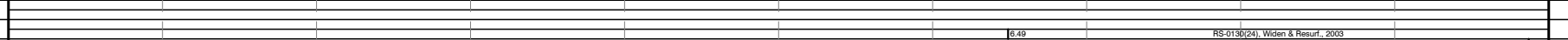
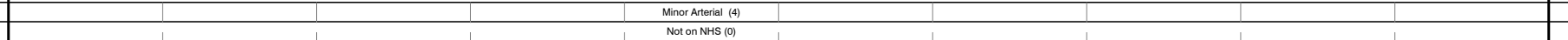
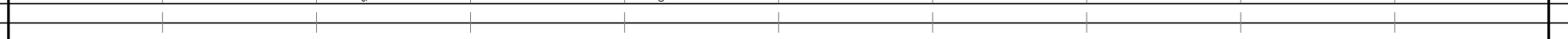
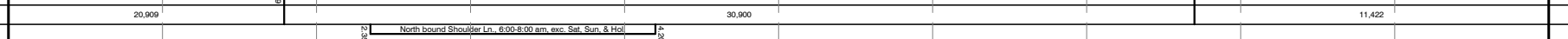
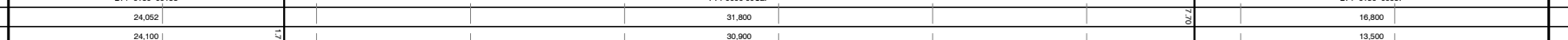
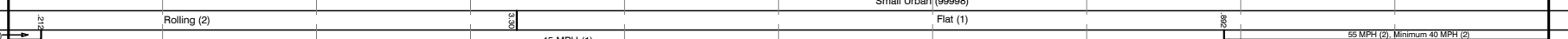
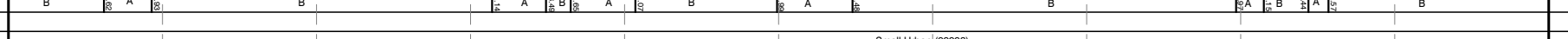
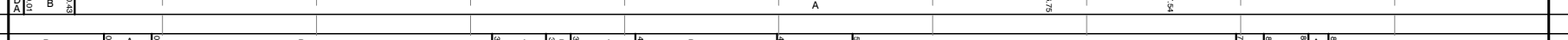
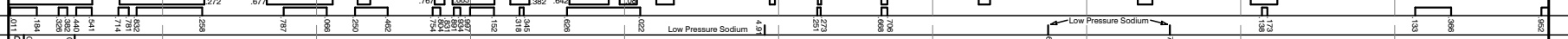
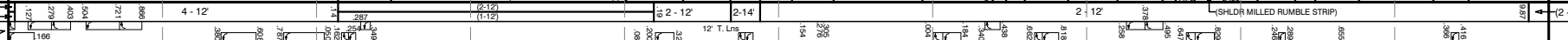
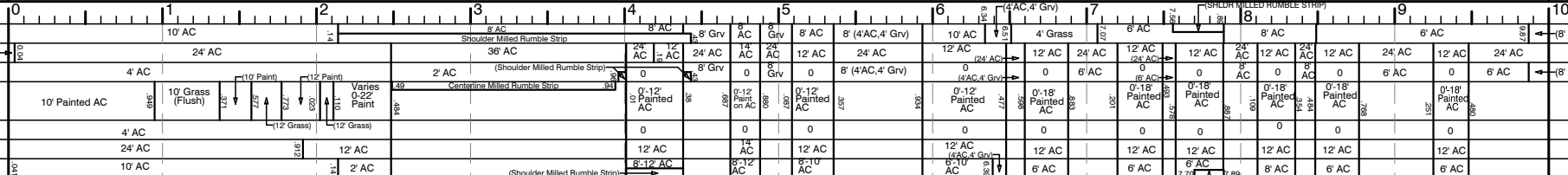
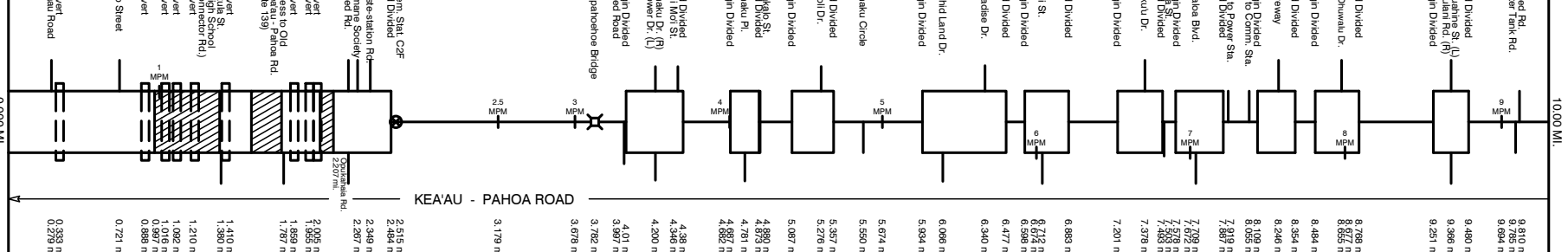
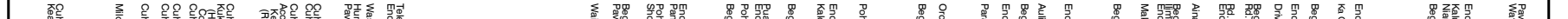
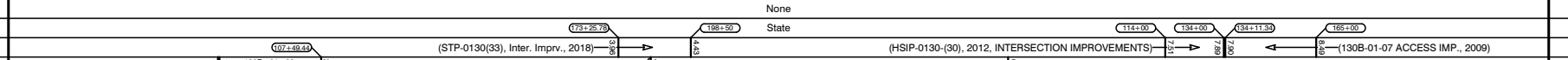
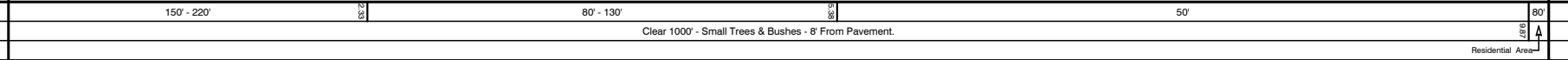
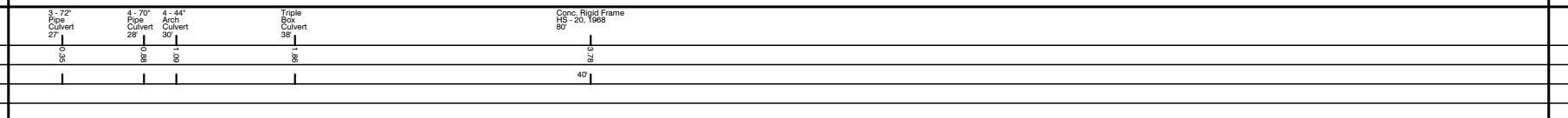
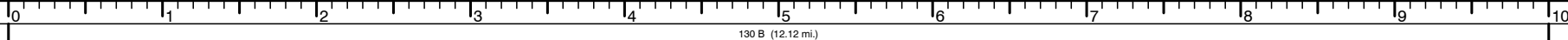
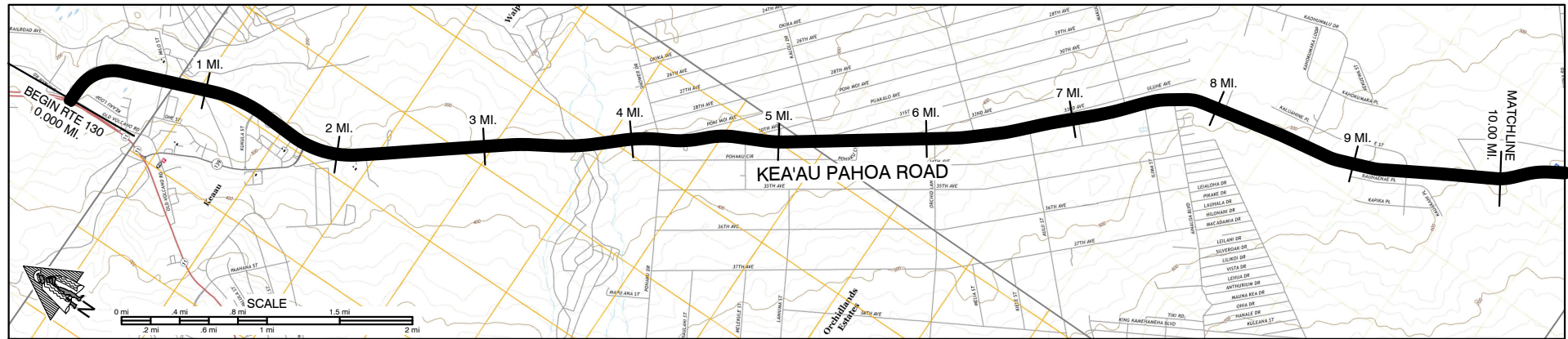
Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

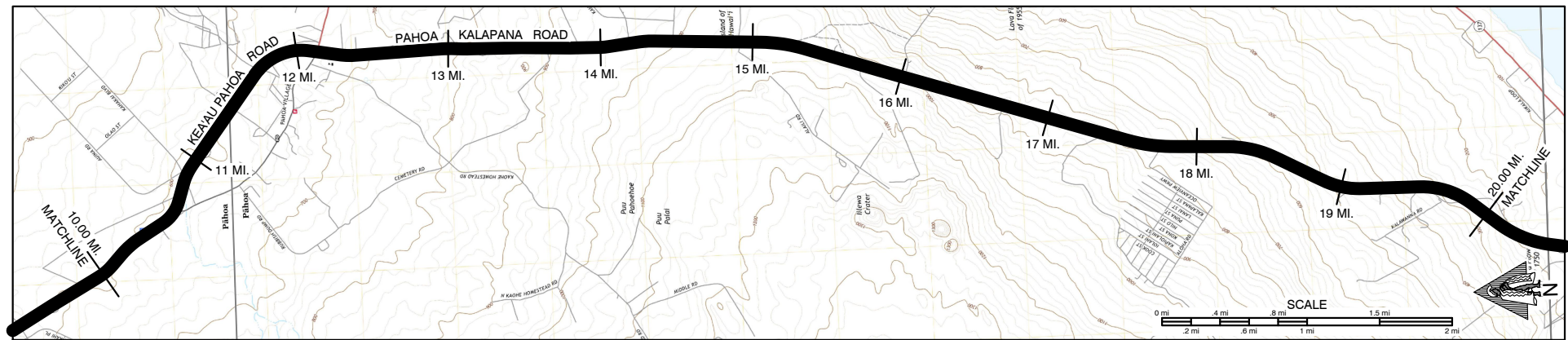
SCALE: (In Miles) 2" = 1 mile



ROAD INVENTORY
HAWAII RTE 130
KEA'AU - PAHOA ROAD,
PAHOA - KALAPANA ROAD

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

Total Designated Route Length:	21.639	MILES (a+b)
a. Existing Length:	21.639	MILES
b. Proposed Length:	0.000	MILES
Total Travel Way Length:	21.639	MILES (a+b, less c)
a. Existing Length:	21.639	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.V.W. for another Route:	NONE	MILES (-)
NEEDS STUDY ROUTE NO.		FUNCTIONAL CLASSIFICATION



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)

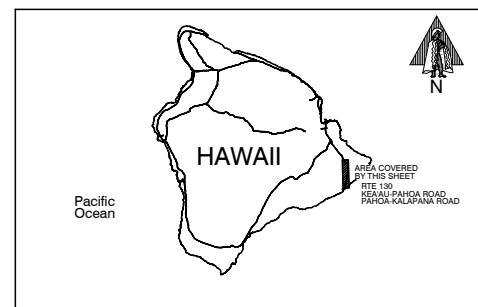
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

CONTINUED FROM SHEET #1

CONTINUED ON SHEET #3

SCALE: (In Miles) 2" = 1 mile

Divided Highway
Undivided

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

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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

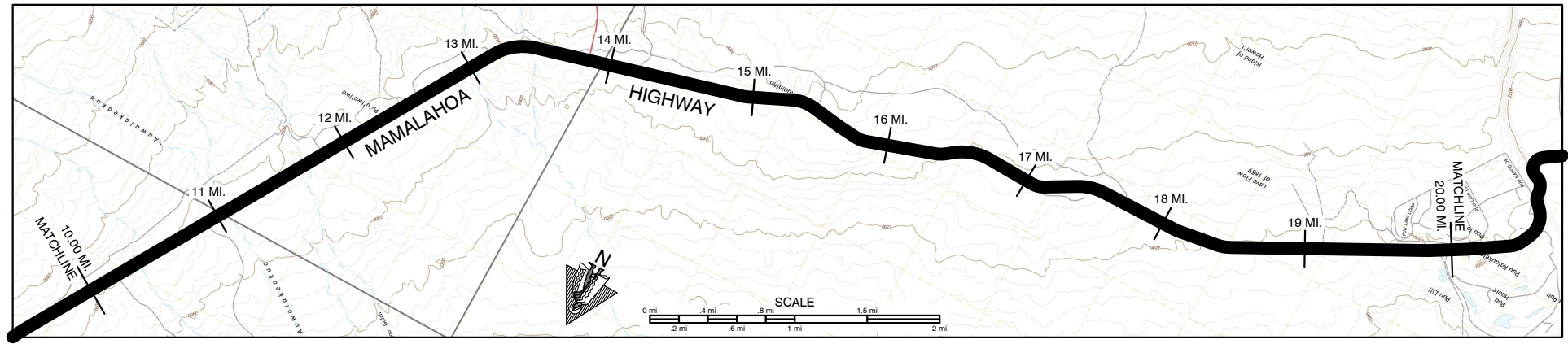
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

[illegible]

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: 0.000 miles
c. Other Length: * 0.000 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)

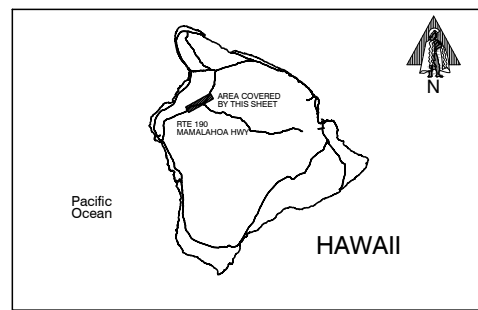
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

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
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

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(0-45) 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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

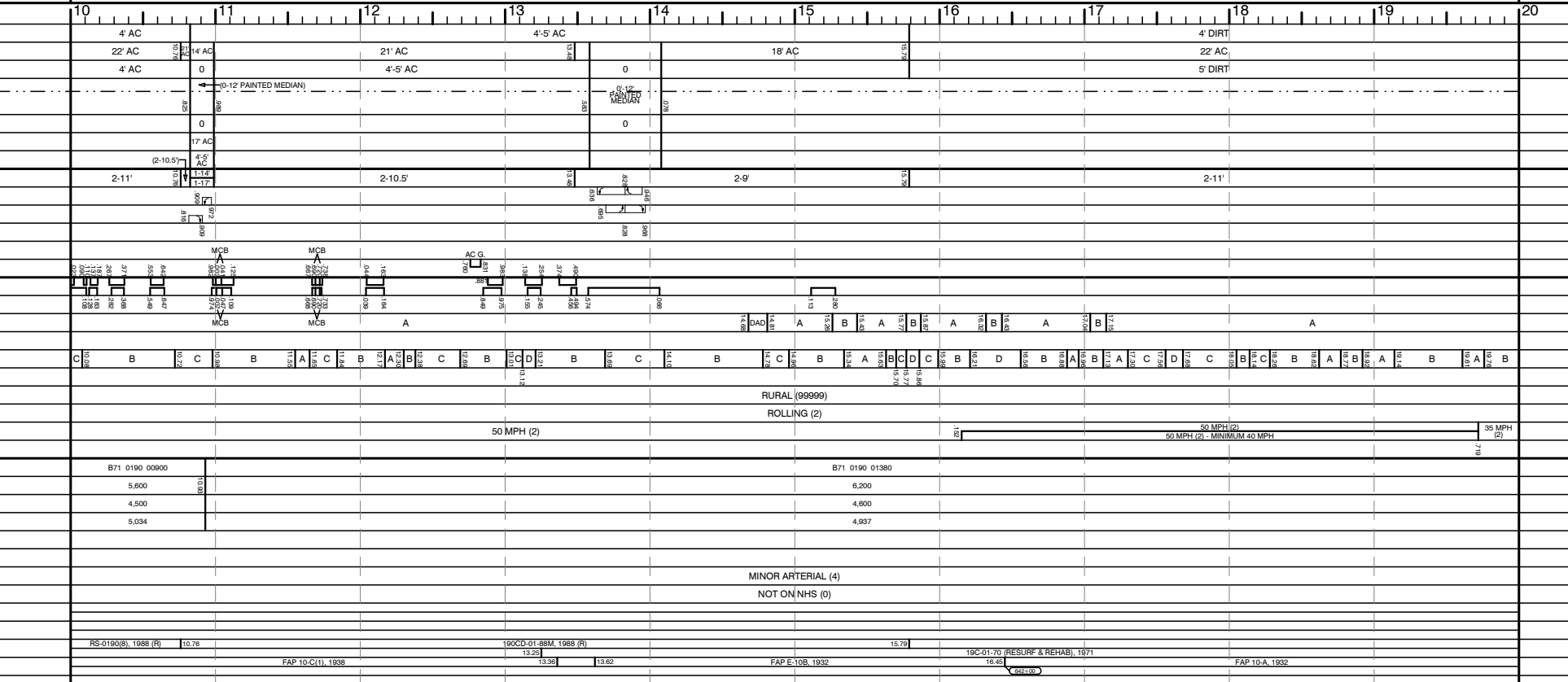
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



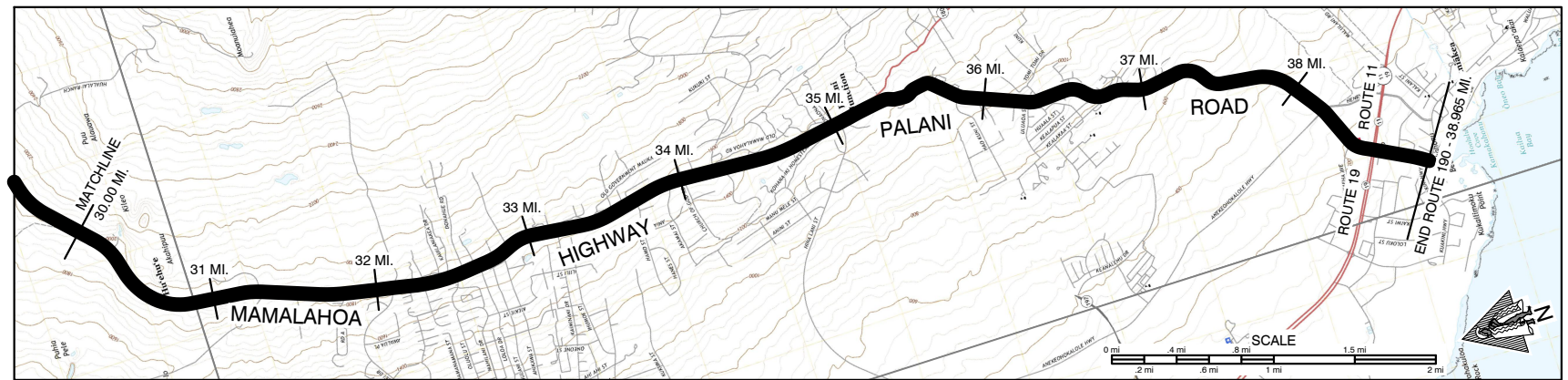
SCALE: (In Miles) 2" = 1 mile

MAMALAHOA HWY., PALANI RD.

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

c. Other Length: * 0.000 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

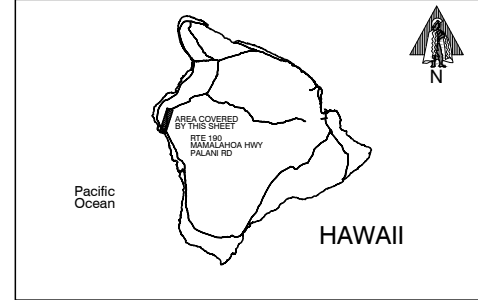
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed																																																																																																																																																																																																																					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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

Jurisdiction, Transfer Phase No. and Date (C)

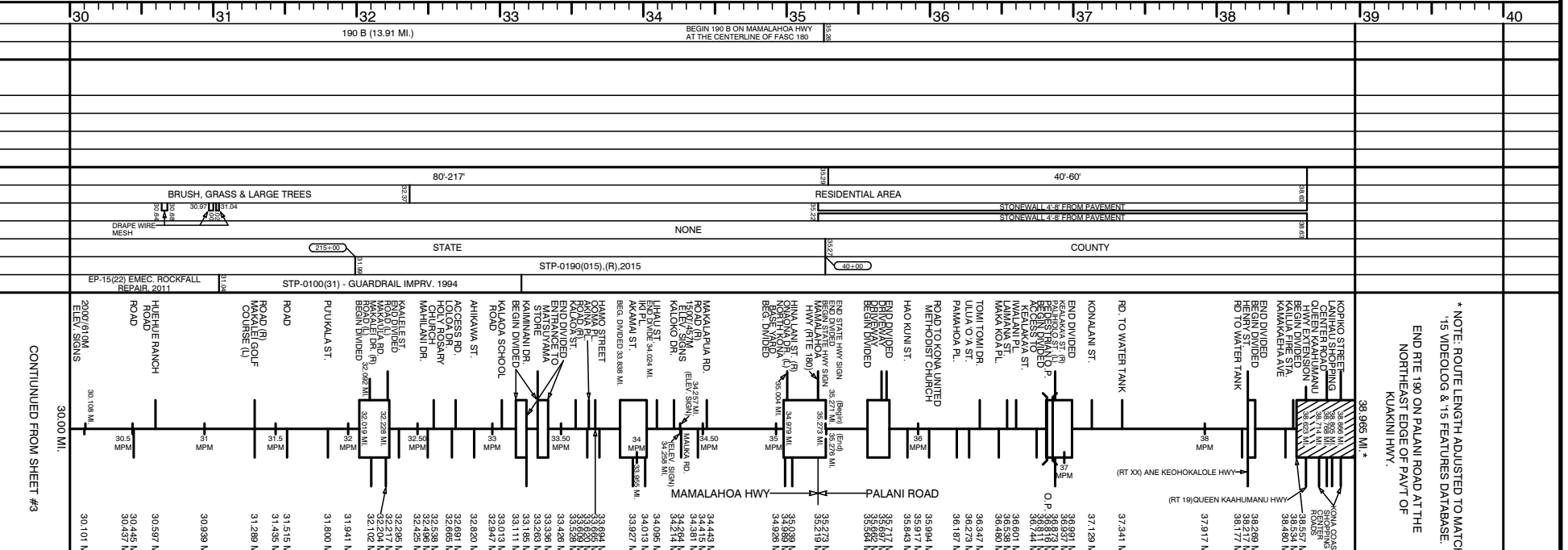
Project No., Type of Construction, and Year Constructed



Indicates Grass
& / or Physical
Barrier on Median.

Road Diagram

* MPM=Milepost Marker



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
 '15 VIDEOLOG & '15 FEATURES DATABASE.

SCALE: (In Miles) 2" = 1 mile

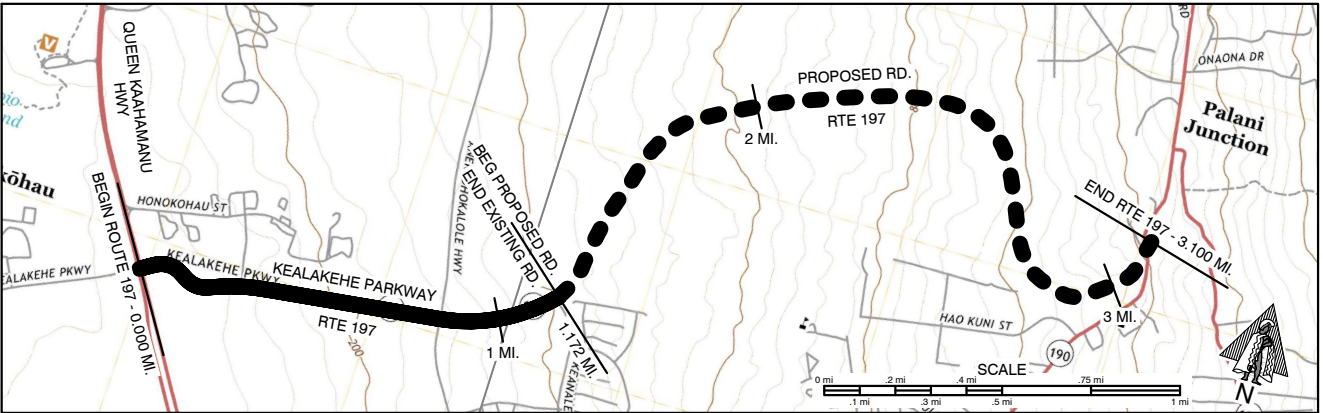
[illegible]

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: 3.100 miles
a. Survey Length: 1.172 miles
b. Proposed Length: 1.928 miles
c. Other Length: * 0.000 miles
*



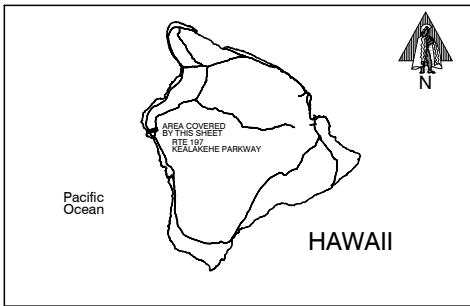
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

BEGIN RTE 197 ON KEALAKEHE PARKWAY
AT THE NORTHEAST EDGE OF PAVEMENT
OF QUEEN KAAHUMANU HWY (RTE 191).

0.000 MI.

0.046 MI.

0.296 MI.

0.577 MI.

0.717 MI.

0.839 MI.

1.007 MI.

1.172 MI. *

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

1.172 MI. *

PROPOSED ROAD

3.100 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
'15 VIDEOLOG & '15 FEATURES DATABASE.
END RTE 197 ON PROPOSED ROAD
AT SOUTH EDGE OF PAVEMENT
OF PILANI ROAD.

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)
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 2022
HPMS Sections - AADT 2021
HPMS Sections - AADT 2020
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits

0

12' AC

0.27

2' AC

0.70

12' AC

0.14

3' AC

0.10

12' PAINTED AC

0

6' AC (FLUSH) AC CURBS BOTH SIDES

0.10

6' AC (FLUSH) AC CURBS BOTH SIDES

0.10

12' AC

0.27

24' AC

0.70

2' AC

0.14

12' AC

0.27

2-12'

1-12'

2-12'

11' AC

0.27

11' AC

0.27

2' CONC. S.W.

0.27

GUTTER CONC. CURB

0.27

CONC. CURB

0.27

HPS LEFT SIDE ONLY

0.27

A

D

0.27

C

0.30

F

0.45

D

0.70

1.18

(D)

SMALL URBAN (99998)

ROLLING (2)

25 MPH (2)

35 MPH (2)

600

B71 0197 00029

5,400

4,800

3,969

MINOR ARTERIAL (4)

MINOR ARTERIAL

NOT ON NHS (0)

SCALE: (In Miles) 4" = 1 mile

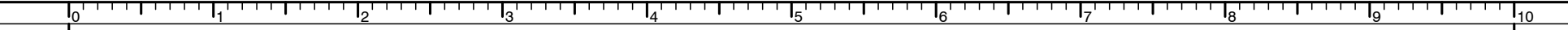
Total Route Length: 45.62 miles

a. Survey Length: 45.62 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



Project No., Type of Construction, and Year Constructed

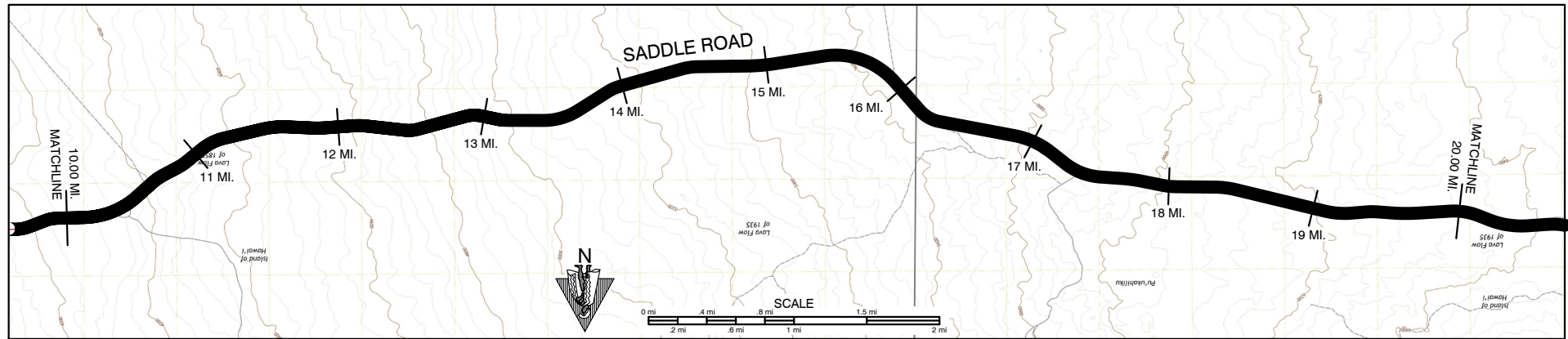


0	1	2	3	4	5	6	7	8	9	10
9' AC	9' AC	9' AC	9' AC	4' AC	10' DIRT	4' AC	10' DIRT	4' AC	2' AC/10' DIRT	
12' AC	24' AC	12' AC	12' AC	4' AC	10' DIRT	4' AC	10' DIRT	4' AC	2' AC/10' DIRT	
0	9' AC	0	0	4' AC	10' DIRT	4' AC	10' DIRT	4' AC	2' AC/10' DIRT	
10' Painted AC		20' Painted AC				MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)				
0		0	0							
12' AC		12' AC	12' AC							
9' AC		9' AC	9' AC							
2-12'			2-11'							
1-12' TRUCK CLIMBING LANE			1-12' TRUCK CLIMBING LANE							
N/A			N/A							
C			A							
A			A							
B			B							
C			C							
D			D							
E			E							
F			F							
G			G							
H			H							
I			I							
J			J							
K			K							
L			L							
M			M							
N			N							
O			O							
P			P							
Q			Q							
R			R							
S			S							
T			T							
U			U							
V			V							
W			W							
X			X							
Y			Y							
Z			Z							
AA			AA							
AB			AB							
AC			AC							
AD			AD							
AE			AE							
AF			AF							
AG			AG							
AH			AH							
AI			AI							
AJ			AJ							
AK			AK							
AL			AL							
AM			AM							
AN			AN							
AO			AO							
AP			AP							
AQ			AQ							
AR			AR							
AS			AS							
AT			AT							
AU			AU							
AV			AV							
AW			AW							
AX			AX							
AY			AY							
AZ			AZ							
BA			BA							
BB			BB							
BC			BC							
BD			BD							
BE			BE							
BF			BF							
BG			BG							
BH			BH							
BI			BI							
BJ			BJ							
BK			BK							
BL			BL							
BM			BM							
BN			BN							
BO			BO							
BP			BP							
BQ			BQ							
BR			BR							
BS			BS							
BT			BT							
BU			BU							
BV			BV							
BW			BW							
BX			BX							
BY			BY							
BZ			BZ							
CA			CA							
CB			CB							
CC			CC							
CD			CD							
CE			CE							
CF			CF							
CG			CG							
CH			CH							
CI			CI							
CJ			CJ							
CK			CK							
CL			CL							
CM			CM							
CN			CN							
CO			CO							
CP			CP							
CQ			CQ							
CR			CR							
CS			CS							
CT			CT							
CU			CU							
CV			CV							
CW			CW							
CX			CX							
CY			CY							
CZ			CZ							
DA			DA							
DB			DB							
DC			DC							
DD			DD							
DE			DE							
DF			DF							
DG			DG							
DH			DH							
DI			DI							
DJ			DJ							
DK			DK							
DL			DL							
DM			DM							
DN			DN							
DO			DO							
DP			DP							
DQ			DQ							
DR			DR							
DS			DS							
DT			DT							
DU			DU							
DV			DV							
DW			DW							

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: 45.62 miles
a. Survey Length: 45.62 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)

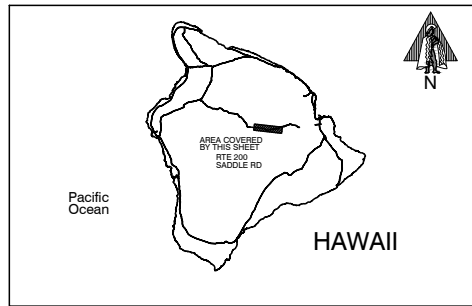
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

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	
Undivided	Pavement: Width and Type	
	Shoulder: Width and Type	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)
	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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

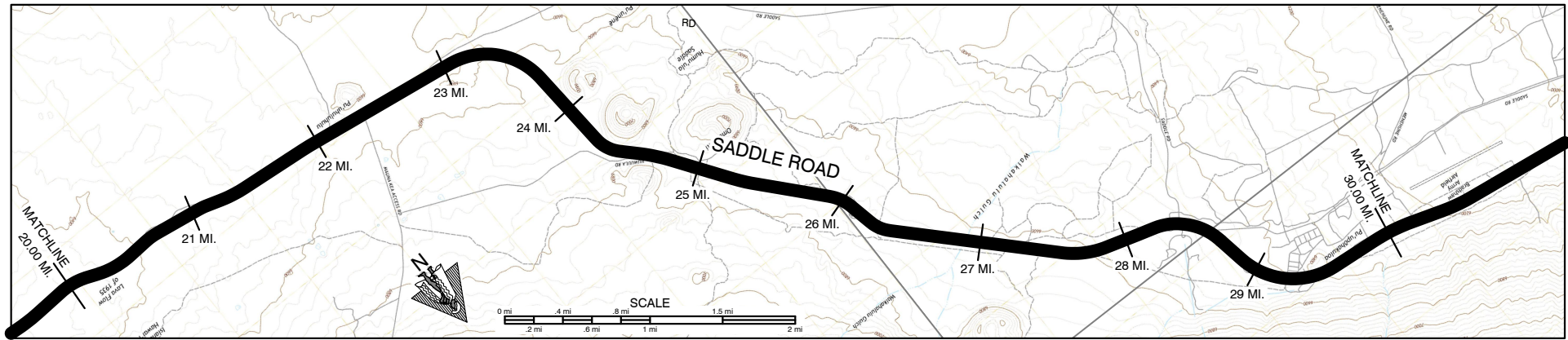
SCALE: (In Miles) 2" = 1 mile

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

ROAD INVENTORY
HAWAII RTE 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: 45.62 miles
a. Survey Length: 45.62 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
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)

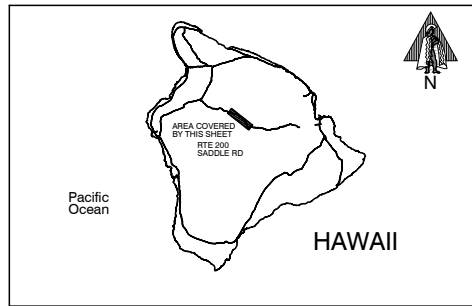
Right of Way Fence: Type - Right and Left

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



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #2

CONTINUED ON SHEET #4

SCALE: (In Miles) 2" = 1 mile

Divided Highway
Undivided

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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

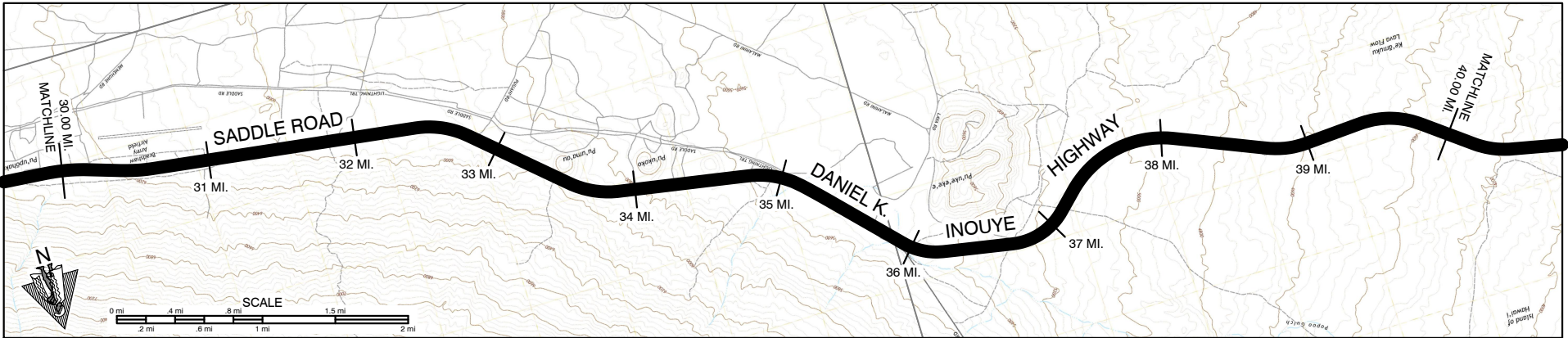
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 200
SADDLE ROAD, DANIEL K. INOUE HWY.

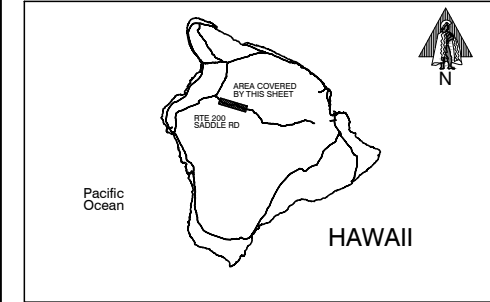
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 45.62 miles
a. Survey Length: 45.62 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*

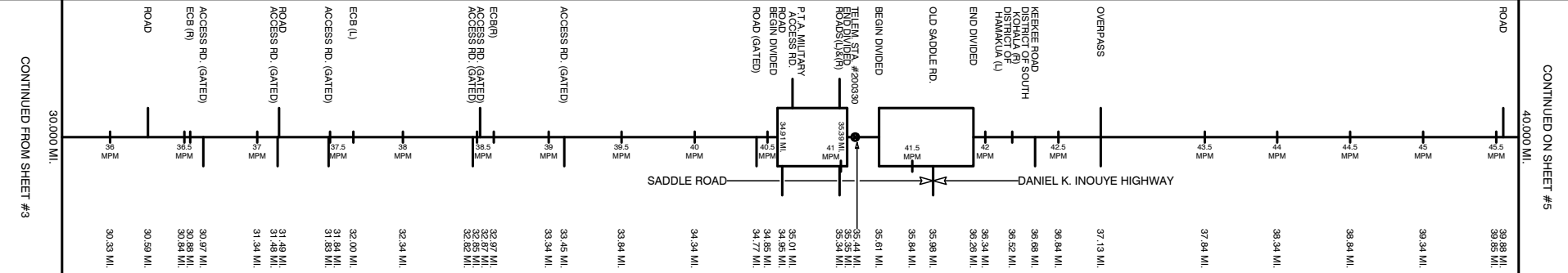


SCALE: (In Miles) 2" = 1 mile		30	31	32	33	34	35	36	37	38	39	40
-------------------------------	--	----	----	----	----	----	----	----	----	----	----	----

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											
	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
* MPM=Milepost Marker



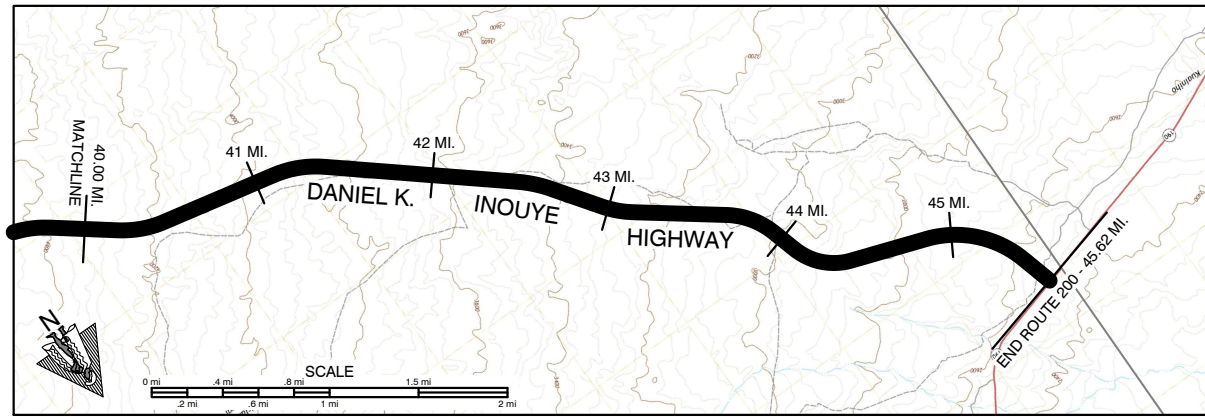
SCALE: (In Miles) 2" = 1 mile		30	31	32	33	34	35	36	37	38	39	40
Divided Highway	Shoulder: Width and Type	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)										
	Pavement: Width and Type	16' AC										
	Shoulder: Width and Type	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)										
	Median: Width and Type	16' AC WITH 4' WIRE FENCE AT EDGE OF SHOULDER										
	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(0-45) 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		(ROLLING (2))										
Speed: 1-Design, 2-Posted												
Intersection Control Devices: Type, Location and Cycle Timing												
Traffic Stations (Current Year)												
HPMS Sections - AADT 2022												
HPMS Sections - AADT 2021												
HPMS Sections - AADT 2020												
DOD Sections												
Census Tracts												
Functional Classification												
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits												
SCALE: (In Miles) 2" = 1 mile		30	31	32	33	34	35	36	37	38	39	40

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

ROAD INVENTORY
HAWAII RTE 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: 45.62 miles
a. Survey Length: 45.62 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)

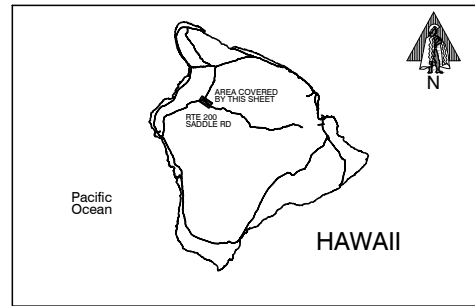
Right of Way Fence: Type - Right and Left

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

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

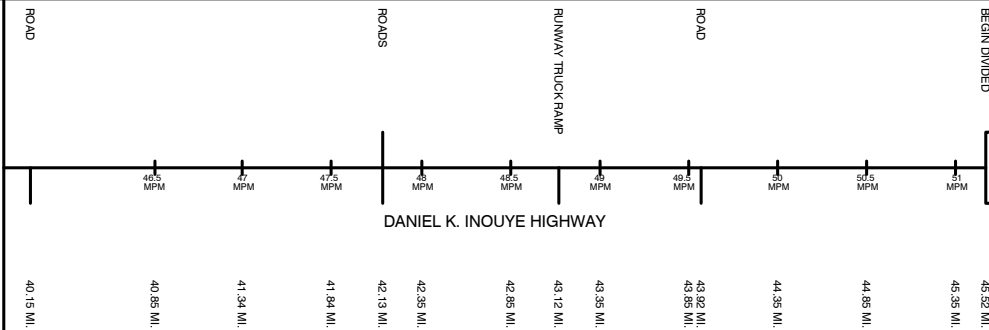
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #4



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
21 VIDEOLOG & 21 FEATURES DATABASE.
END RTE 200 ON SADDLE ROAD AT THE
EAST EDGE OF PAVEMENT OF
MAMALAHOA HWY (RTE 190)
* 45.62 MI.

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Shoulder: Width and Type	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)
	Pavement: Width and Type	8' AC
	Shoulder: Width and Type	MILLED SHOULDERS RUMBLE STRIPS (3.60-43.20)
	Median: Width and Type	24' AC
	Median Barriers:	8' AC
	Shoulder: Width and Type	12' AC
	Pavement: Width and Type	0
	Shoulder: Width and Type	8-10' PAINTED 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

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 2022

HPMS Sectiona - AADT 2021

HPMS Sectiona - AADT 2020

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

P71 0200 03304

6,200

5,800

5,300

MINOR ARTERIAL (4)

NOT ON NHS (0)

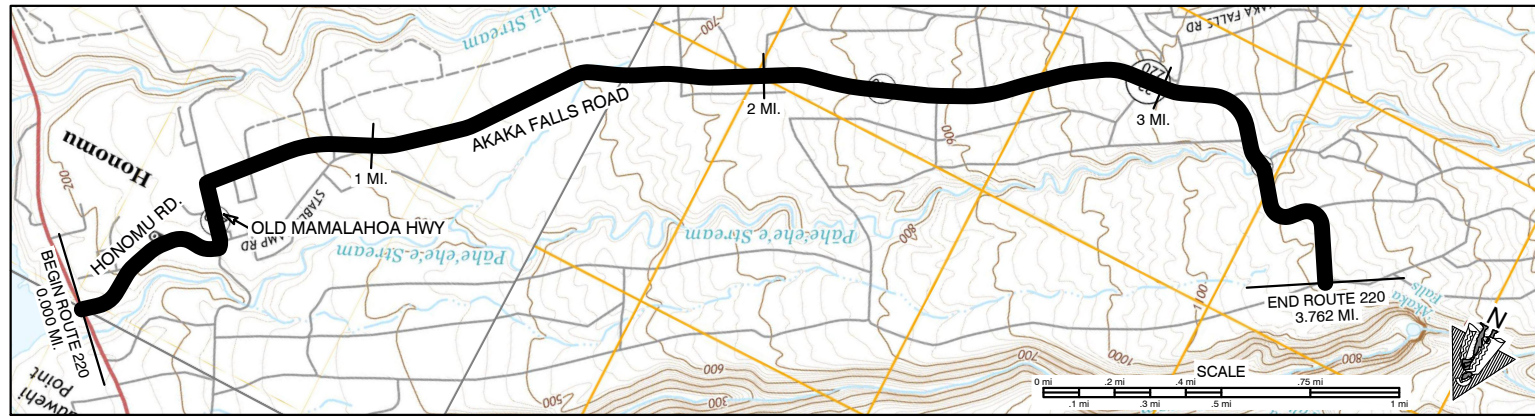
45 MPH (2) 35 MPH (2)

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: 0.000 miles
c. Other Length: * 0.000 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
Over
Road

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

SLAB 1927 H10
127
14'

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

40'-50' 80' 40' 80' 1000' CLEAR SUGAR CANE FIELD - 15' FROM EDGE OF PAVEMENT

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)

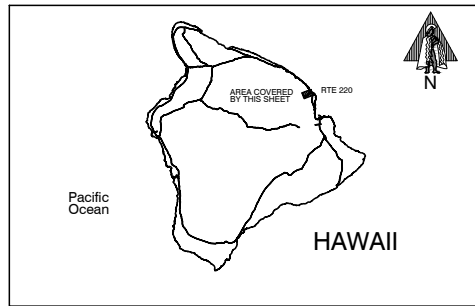
NONE
STATE

Project No., Type of Construction, and Year Constructed

STA 21+87.50 220A-01-03M RESURF. 2005 220A-01-02M, (R), 2004

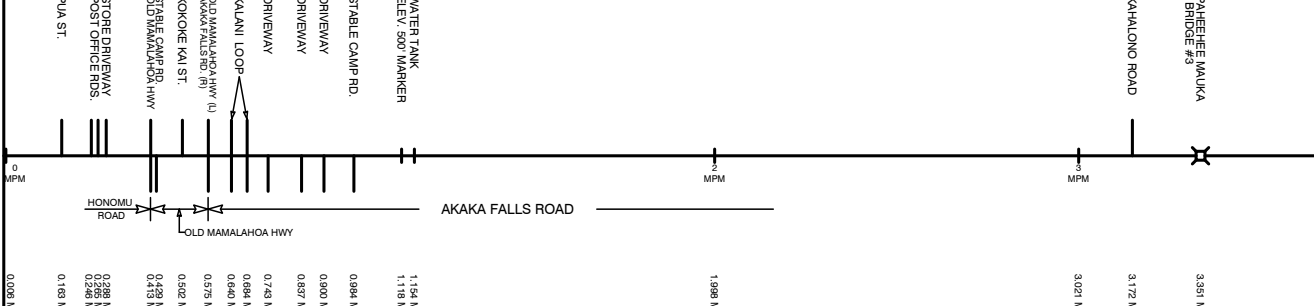
Project No., Type of Construction, and Year Constructed

220A-01-90M, 1990

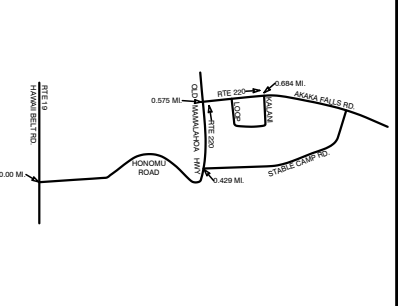


Road Diagram
* MPM=Milepost Marker

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



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
15 VIDEOLOG & 15 FEATURES DATABASE.
END RTE 220 ON AKAKA FALLS ROAD
AT THE ENTRANCE TO AKAKA FALLS
PARKING LOT GATE.
3.762 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

4' AC 5' AC 4' AC 22' AC 38' AC 4' AC 24' AC 4' AC 22' AC
4' AC 3' GRASS
2-11' 2-12' 2-11'

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)

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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

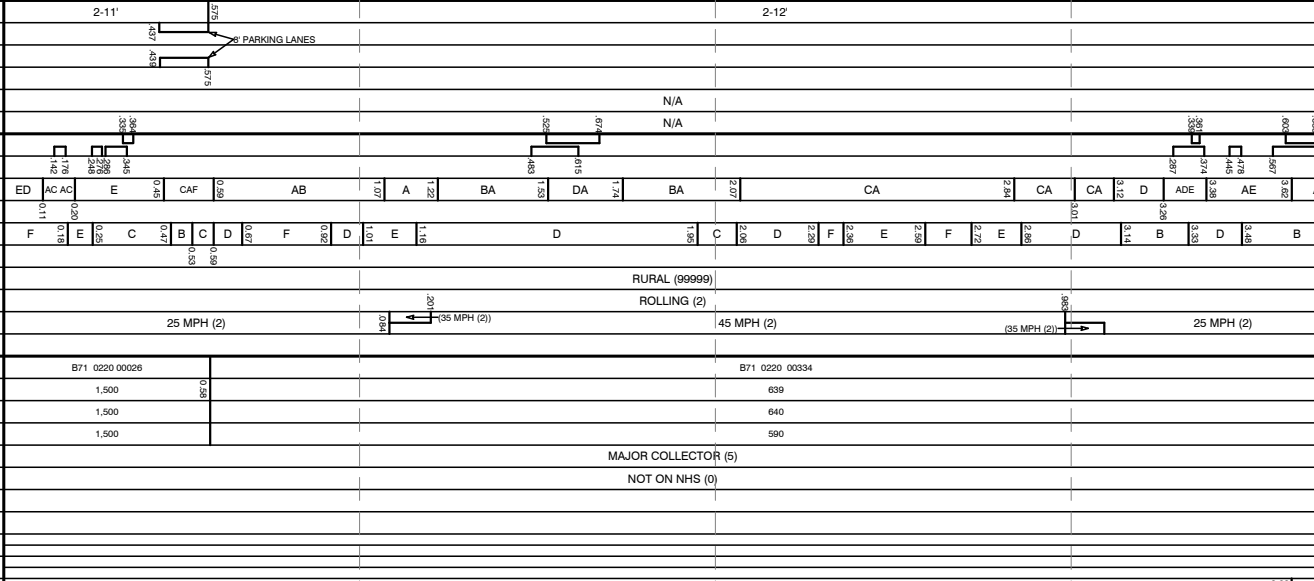
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



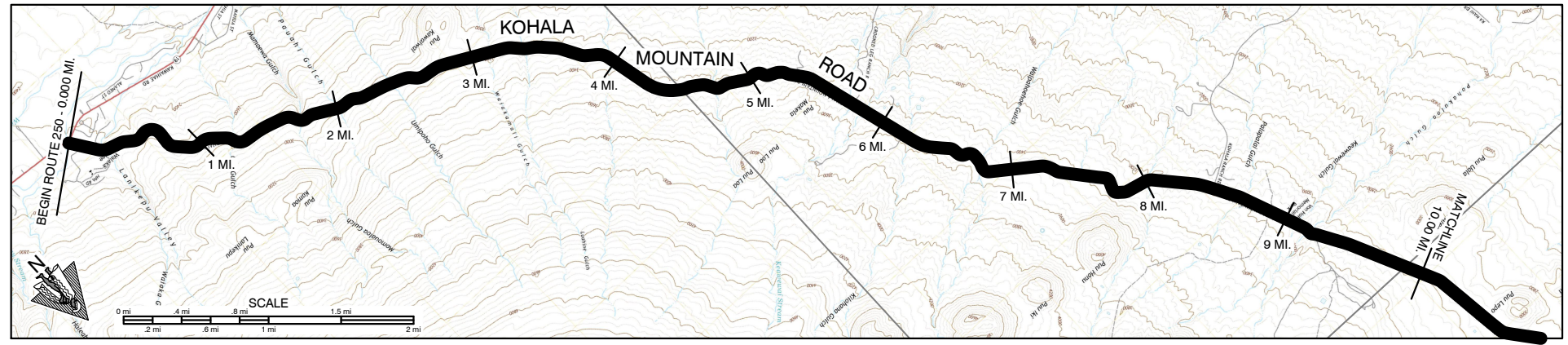
SCALE: (In Miles) 4" = 1 mile

0 1 2 3 4 5

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: 0.000 miles
c. Other Length: * 0.000 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

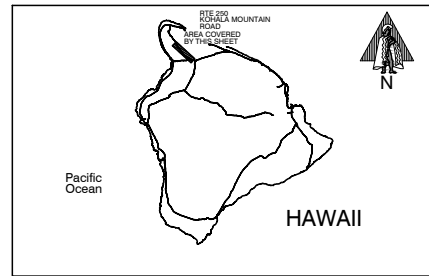
W/W=Wire on Wood, E.P.=from Edge of Pavement

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

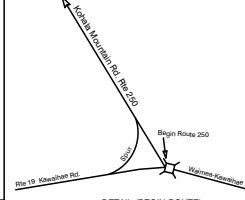
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

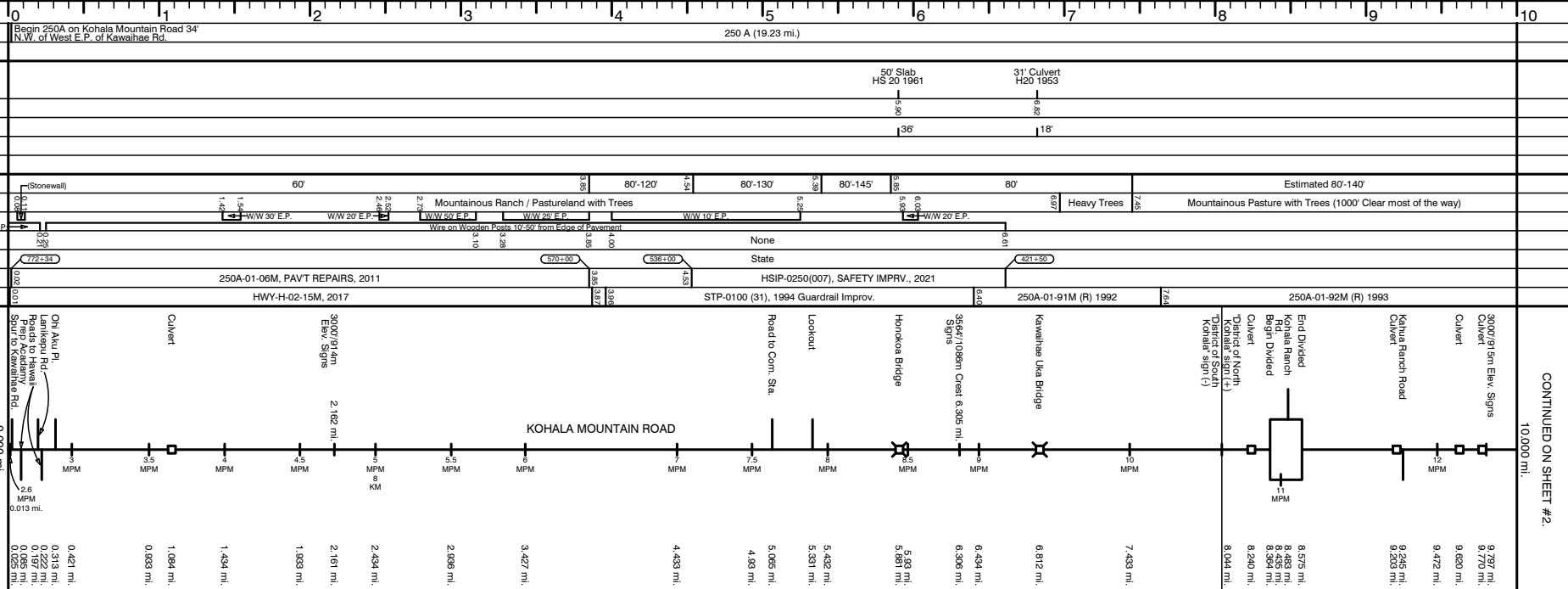
Project No., Type of Construction, and Year Constructed



Road Diagram
* MPM=Milepost Marker



BEGIN ROUTE 250 ON KOHALA MOUNTAIN ROAD AT THE NORTHWEST EDGE OF PAVT OF KAWAHAE ROAD (RTE 19) (SEE DETAIL)



CONTINUED ON 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	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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2019

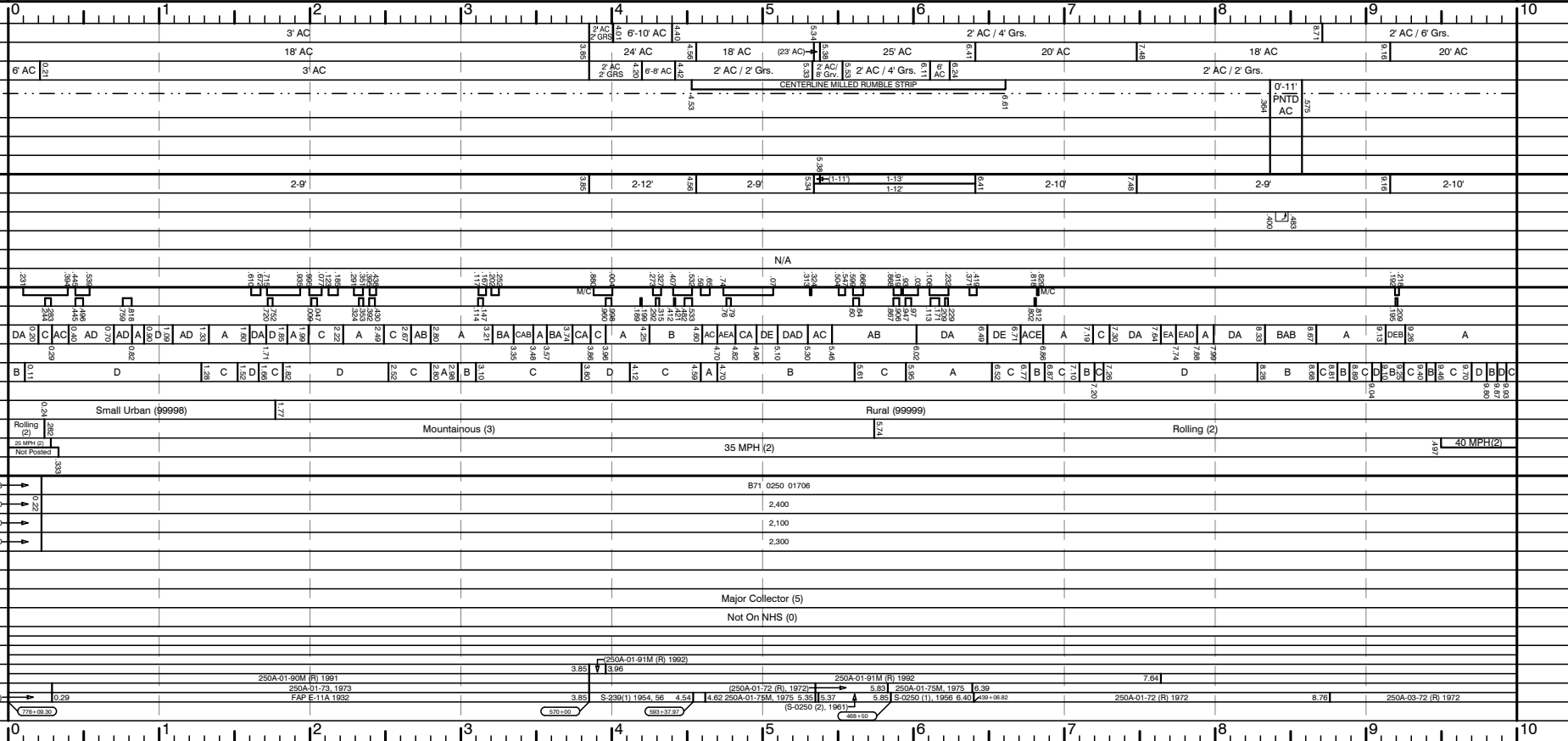
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



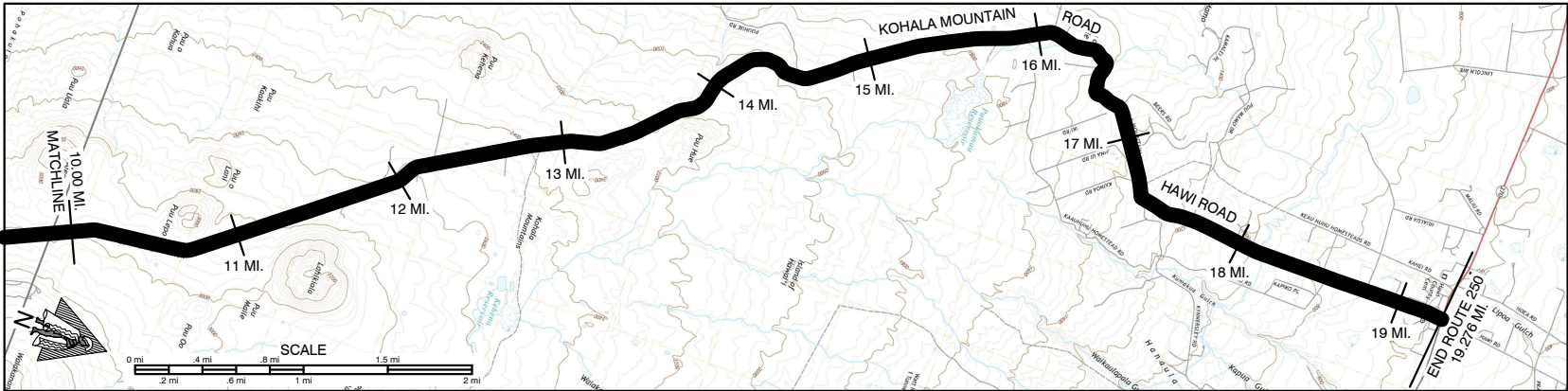
SCALE: (In Miles) 2" = 1 mile

Date Released	Nov. 03, 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.
2/18	D.B.
11/18	D.B.
12/20	E.P.J.
11/21	D.B.

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: 0.000 miles
c. Other Length: * 0.000 miles
*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road
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

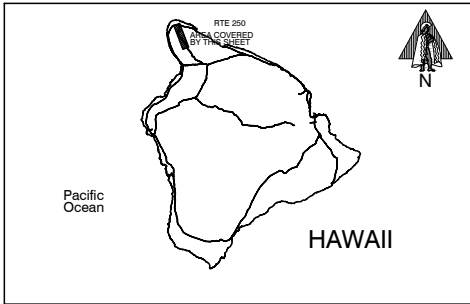
W/W=Wire on Wood, E.P.=from Edge of Pavement

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
* MPM=Milepost Marker

CONTINUED FROM SHEET #1

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
15 VIDEOLOG & 15 FEATURES DATABASE.
END ROUTE 250 ON HAWI ROAD AT THE
SOUTH EDGE OF PAVEMENT OF
AKOHI PILE HWY. (RTE 270)
*19.276 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
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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

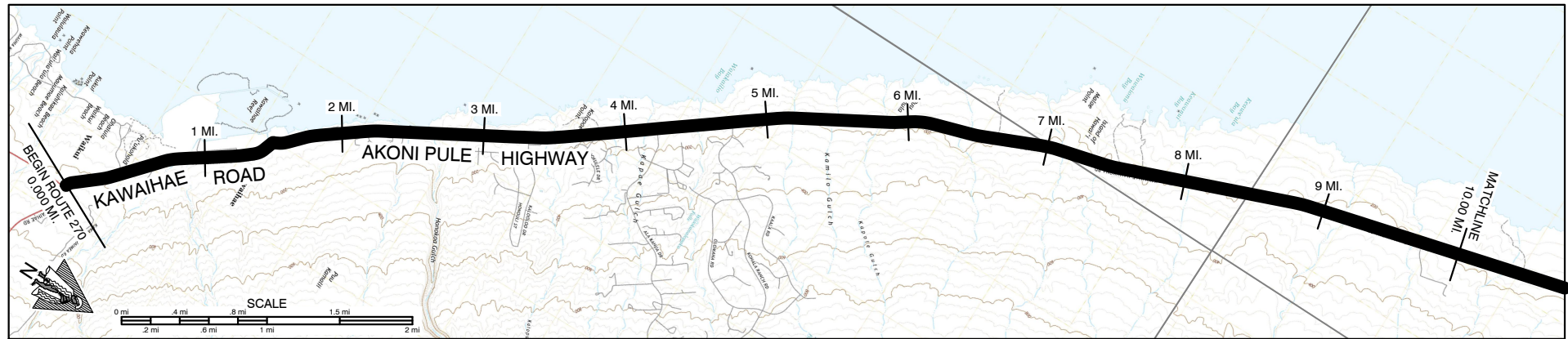
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 270
KAWAIHAE ROAD - AKONI PULE HWY

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

Total Route Length: 27.003 miles
a. Survey Length: 27.003 miles
b. Proposed Length: 0.000 miles
c. Other Length: * 0.000 miles
*

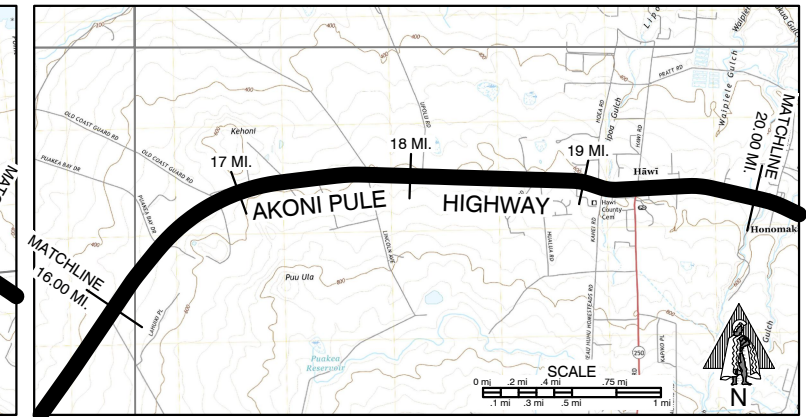
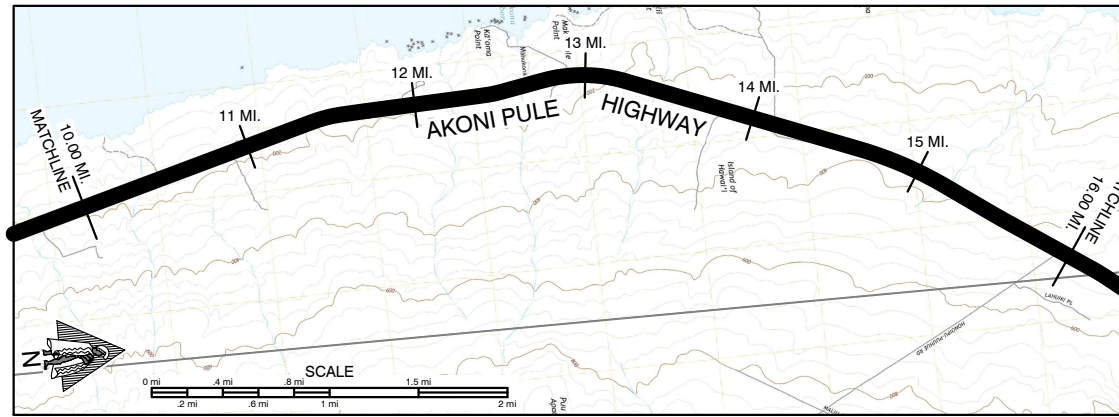


Maintenance Control Sections : Length and Description		0		1		2		3		4		5		6		7		8		9		10	
		BEGIN 27A SAME AS BEGIN RTE 270		27 A (1.50 MI.)		END 27A - BEGIN 270A AT CENTERLINE ROAD TO KAWAIIHAE WHARF		270A (11.44 MI.)															
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	TEE BEAM 1960 HS-20 59' 31' 52' 165'																					
	Vertical Clearance	0.51 1.36 2.34																					
	Horizontal Clearance	28' 140' 140' 28'																					
	Vertical Clearance																						
Structure Over Road	Horizontal Clearance																						
	Right of Way Width (min.-max.) if varies	60' - 80' 60' 102' 80' - 180'																					
Available Right of Way Width (Needs Study)		BRUSH & TREES BRUSH & TREES CLEAR 1000' BUSHES & SMALL TREES (SOME CUT SLOPES)																					
Right of Way Fence: Type - Right and Left		(CHAINLINK 10' FROM E.P.) (STONE WALL 10' FROM E.P.) (STONE WALL 10' FROM PAVMT) (CHAINLINK 10' FROM PAVMT) NONE																					
Control of Access: 1-None, 2-Partial, 3-Full		STATE (COUNTY TO STATE, PHASE 2)																					
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STP-0270(019), PAVEMENT PREVENTIVE MAINTENANCE, 2013																					
Project No., Type of Construction, and Year Constructed		STP-0270(13), SHLDR IMPRV, 1998																					
Project No., Type of Construction, and Year Constructed		HWY-H-02-15M, 2017																					
AREA COVERED BY THIS SHEET RT# 270 KAWAIIHAE RD AKONI PULE HWY Pacific Ocean HAWAII ↑ N Road Diagram * MPM=Milepost Marker		CONTINUED ON SHEET #2																					
		10.000 MI.																					
		0.000 MI.																					
		0.009 MI.																					
		0.016 MI.																					
		0.021 MI.																					
		0.033 MI.																					
		0.083 MI.																					
		0.098 MI.																					
		0.109 MI.																					
		0.125 MI.																					
		1.254 MI.																					
		1.719 MI.																					
		1.588 MI.																					
		1.425 MI.																					
		1.302 MI.																					
		1.944 MI.																					
		2.843 MI.																					
		2.452 MI.																					
		2.299 MI.																					
		2.202 MI.																					
		2.094 MI.																					
		3.128 MI.																					
		3.103 MI.																					
		3.342 MI.																					
		3.665 MI.																					
		3.591 MI.																					
		3.840 MI.																					
		3.853 MI.																					
		4.115 MI.																					
		4.119 MI.																					
		4.249 MI.																					
		4.369 MI.																					
		4.490 MI.																					
		4.629 MI.																					
		4.777 MI.																					
		5.103 MI.																					
		5.273 MI.																					
		6.099 MI.																					
		6.257 MI.																					
		6.582 MI.																					
		6.666 MI.																					
		6.954 MI.																					
		7.109 MI.																					
		7.627 MI.																					
		8.103 MI.																					
		8.045 MI.																					
		9.098 MI.																					
		9.371 MI.																					
		9.198 MI.																					
		9.098 MI.																					
		9.596 MI.																					
		9.751 MI.																					
		9.936 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI.																					
		10.000 MI																					

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: 0.000 miles
c. Other Length: * 0.000 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)

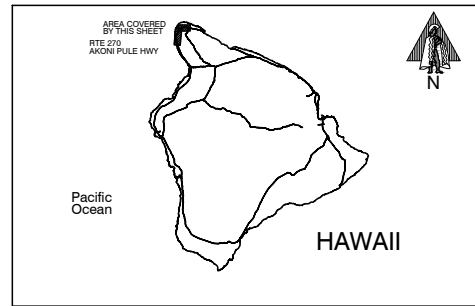
Right of Way Fence: Type - Right and Left

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
* MPM=Milepost Marker

CONTINUED FROM SHEET #1

CONTINUED ON SHEET #3

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

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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

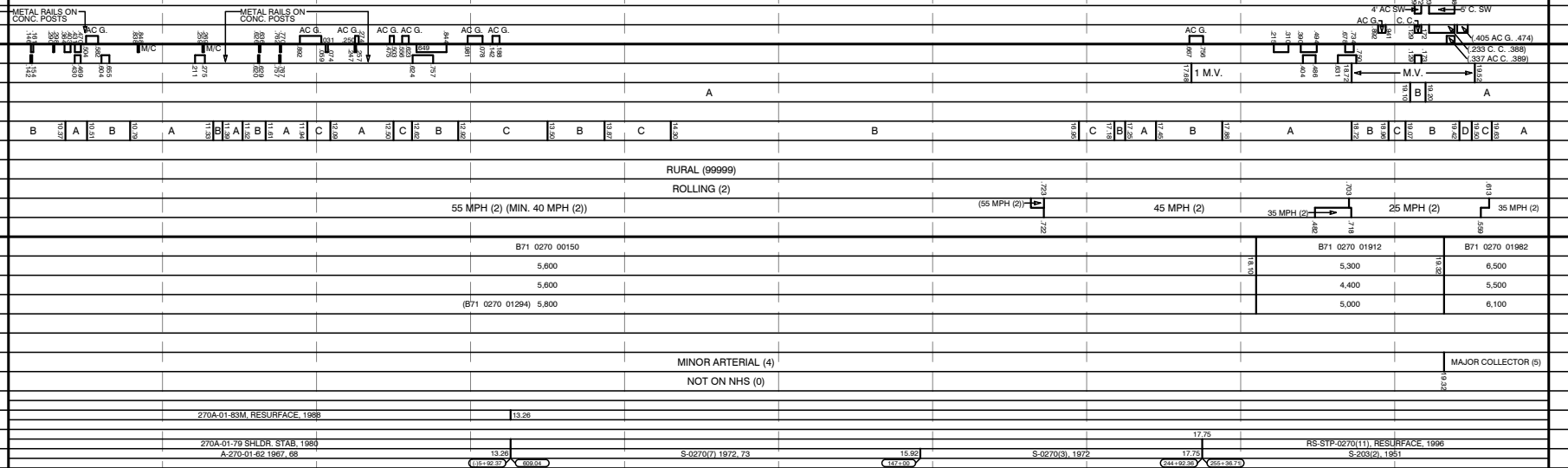
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 2" = 1 mile

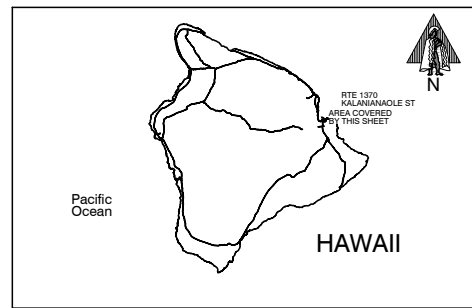
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

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

Project No., Type of Construction, and Year Constructed



BEGIN ROUTE 1370 AT THE EAST
OF PAVEMENT OF KUHIO STREET
KALANIANAOLE STREET.

Box plot showing the distribution of distances (in miles) from the start of KALANIANA'OLE STREET to various landmarks. The plot is right-skewed, with most distances concentrated near the start.

Landmark	Distance (mi)
Sour	0.008
Begin Divided	0.112
Kahinu St	0.190
Kahana Ave	0.24
End Divided	0.22
Driveway	0.31
Driveway	0.35
Driveway	0.37

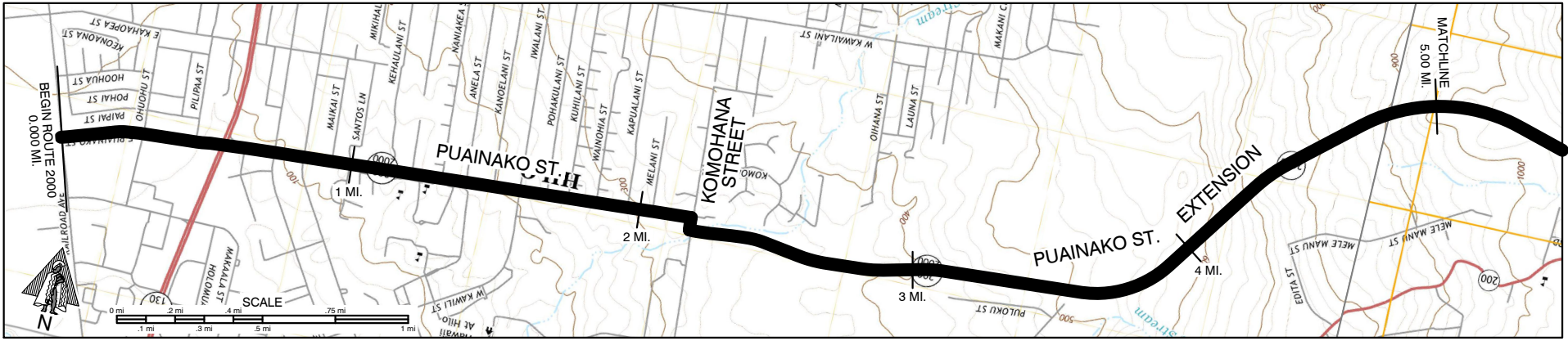
* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

Divided highway	Undivided	Shoulder: Width and Type
		Pavement: Width and Type
		Shoulder: Width and Type
	Divided	Median: Width and Type
		Shoulder: Width and Type
		Pavement: Width and Type
		Shoulder: Width and Type

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

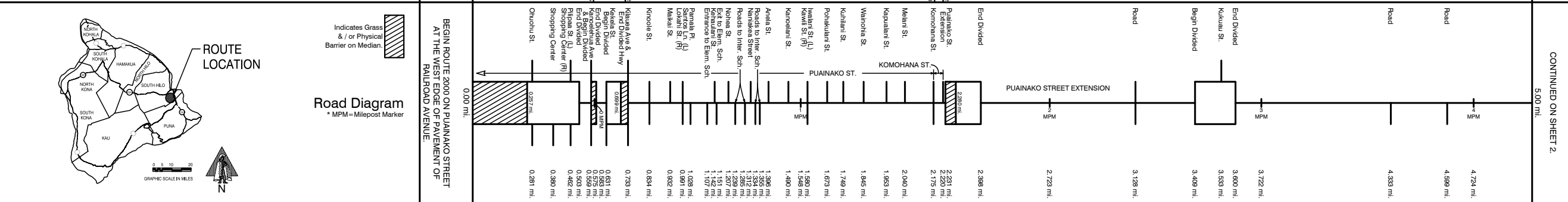
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 6.873 miles
a. Survey Length: 6.873 miles
b. Proposed Length: 0.000 miles
c. Other Length: * 0.000 miles
*



SCALE: (In Miles) 4" = 1 mile		0	1	2	3	4	5
Maintenance Control Sections : Length and Description		Begin 2000E @ 0.000 mi. of Kanaloa Ave. 2000 E (1.62 MI.) End 2000E @ 2.175 mi. of Komohana St.					

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	Varies 50'-80'					
	Available Right of Way Width (Needs Study)						
	Right of Way Fence: Type - Right and Left						
Control of Access: 1-None, 2-Partial, 3-Full							
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		State					
Project No., Type of Construction, and Year Constructed		(2000E-01-00, Imprvts, 2004)					
Project No., Type of Construction, and Year Constructed		2000E-01-7M (R) 1977					
		2000E-01-90M (R), 1991					
		County Project STP-2000(4), New Construction 2004					

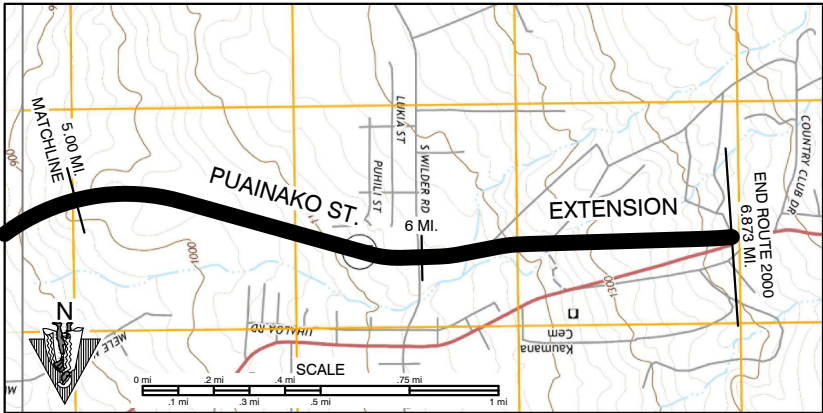


Divided Highway	Shoulder: Width and Type	0		1		2		3		4		5	
	Pavement: Width and Type	28' AC		22' AC		12' AC		24' AC		9' AC		24' AC	
	Shoulder: Width and Type	0		0		0		9' AC		0		9' AC	
	Median: Width and Type	42' Raised Grass		12' Painted AC		24' Raised Grass		24' Raised Grass		24' Painted AC		24' Painted AC	
	Median Barriers:	0		0		0		0		0		0	
	Shoulder: Width and Type	28' AC		12' AC		12' AC		9' AC		12' AC		9' AC	
Number of Traffic Lanes		4-14'		2-12'		2-11'		2-12'		2-12'		2-12'	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		1		1		1		1		1		1	
(Right Side)		1		1		1		1		1		1	
Frontage Road: No. of Lanes, and Width (Right and Left)		1		1		1		1		1		1	
Sidewalk: Width and Type (Right and Left)		1		1		1		1		1		1	
Curb and/or Gutter: Type (Right and Left)		1		1		1		1		1		1	
Protective Devices: Type, Location and Number		All Metal Rails on Metal Posts unless noted otherwise.		All Metal Rails on Metal Posts unless noted otherwise.		All Metal Rails on Metal Posts unless noted otherwise.		All Metal Rails on Metal Posts unless noted otherwise.		All Metal Rails on Metal Posts unless noted otherwise.		All Metal Rails on Metal Posts unless noted otherwise.	
Illumination: Type, Location and Number		7 Sodium Vapor		8 M.V., 5 Incandescent		8 M.V., 5 Incandescent		8 M.V., 5 Incandescent		8 M.V., 5 Incandescent		8 M.V., 5 Incandescent	
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		AB		A		A		A		A	
Superelevation (Range)		B		C		D		B		C		D	
Grades Class: +/- % (A(0-45) B(45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45))		B		C		D		B		C		D	
Vertical Curve: Crest or Sag, Curve Limits		0.48		0.56		1.31		2.32		3.37		4.39	
Area and Development:		0.26		0.26		0.26		0.26		0.26		0.26	
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		1		1		1		1		1		1	
Speed: 1-Design, 2-Posted		30 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		4 Phase		4 Phase		4 Phase		4 Phase		4 Phase		4 Phase	
Traffic Stations (Current Year)		B71 2000 00000		B71 2000 00046		B71 2000 00063		B71 2000 00140		B71 2000 00158		B71 2000 00222	
HPMS Sections - AADT 2022		4,300		13,673		19,400		8,782		8,084		8,200	
HPMS Sections - AADT 2021		3,200		13,700		15,200		8,800		8,100		7,400	
HPMS Sections - AADT 2020		4,100		13,500		16,800		9,400		9,600		8,800	
DOD Sections		0		0		0		0		0		0	
Census Tracts		0		0		0		0		0		0	
Functional Classification		0		0		0		0		0		0	
National Highway System (NHS)		0		0		0		0		0		0	
Previous Projects: Project No., Date and Limits		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0		0	
		0		0		0		0		0			

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: 0.000 miles
c. Other Length: * 0.000 miles
*



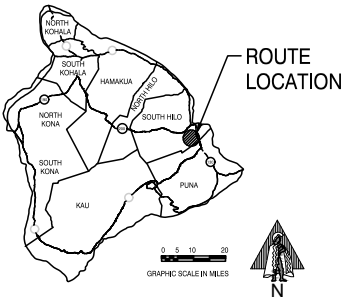
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

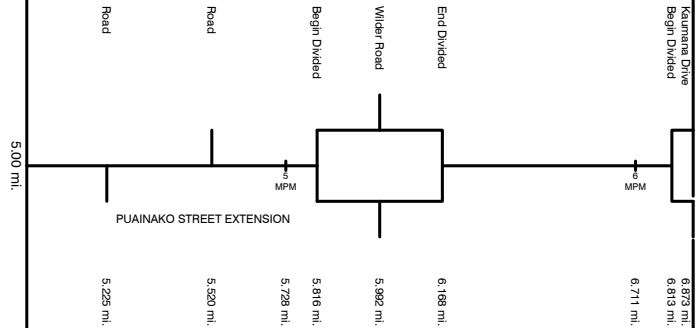
Right of Way Width (min.-max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type - Right and Left
Control of Access: 1-None, 2-Partial, 3-Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No.,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

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



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 1.



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
15 VIDEOLOG & 15 FEATURES DATABASE.
END ROUTE 2000 ON PUAINAKO STREET
EXTENSION AT THE EAST EDGE
OF PAVEMENT WITH
KAUAMANA DRIVE.

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 2022

HPMS Sections - AADT 2021

HPMS Sections - AADT 2020

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile