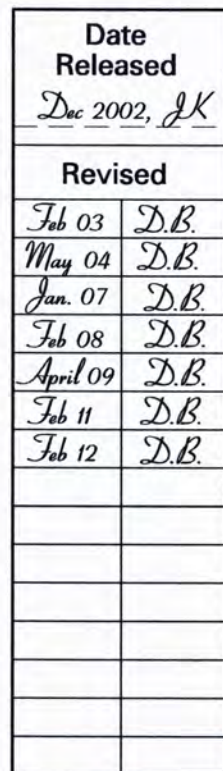




STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

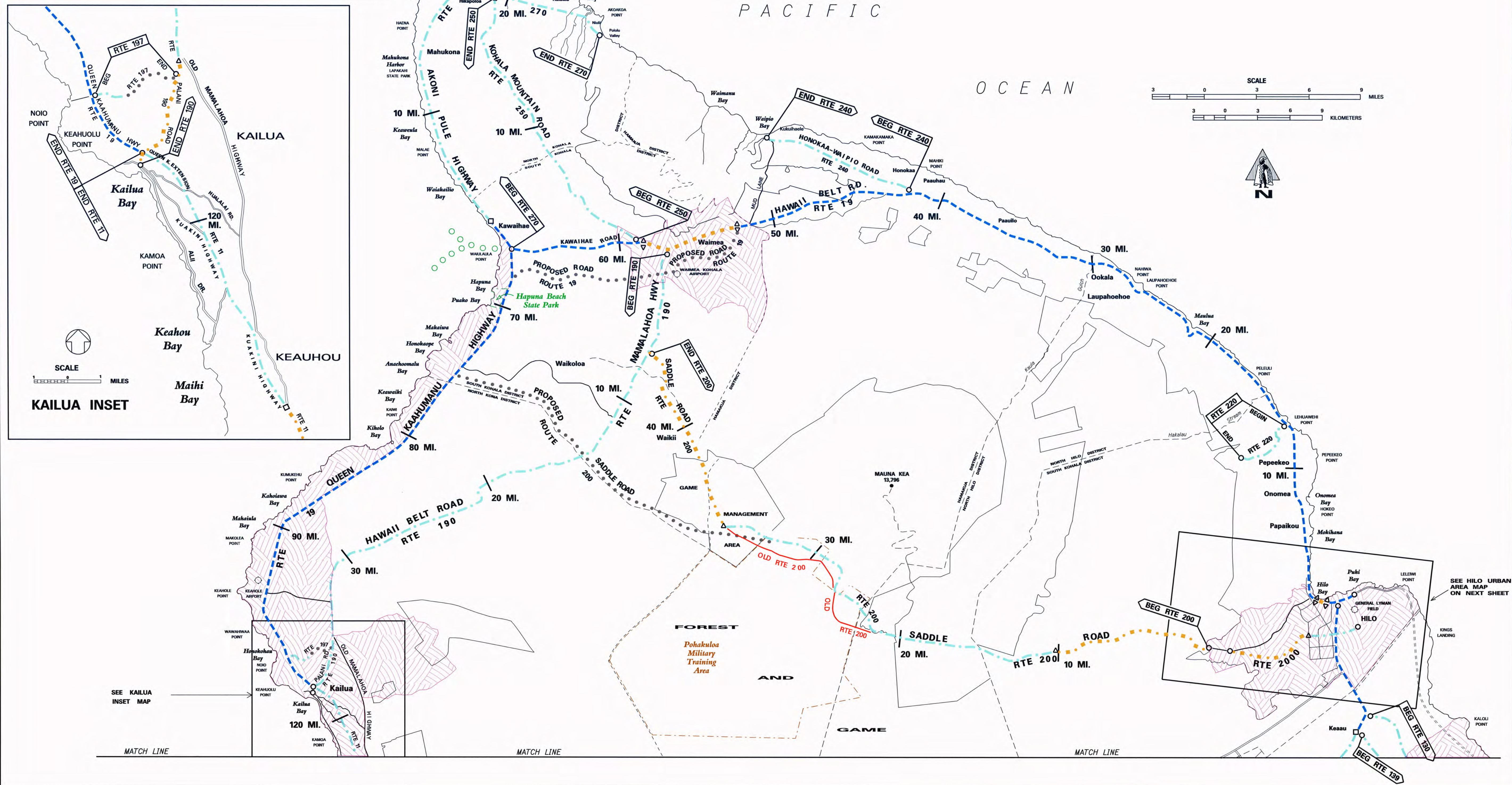
DECEMBER 2011



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DECEMBER 2011

URBAN AREA

[illegible]



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 2011

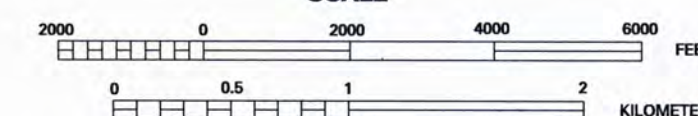
DECEMBER 2011

P A C I F I C

O C E A N



SCALE



LEGEND

-
- Route termini point
 - STATE to COUNTY transition point

[illegible]

ROAD INVENTORY
HAWAII RTE. 11
VOLCANO ROAD – KANOEHUEA AVE.

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:	122.09	MILES (a + b)
a. Existing Length:	122.09	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	122.09	MILES (a + b, less c)
a. Existing Length:	122.09	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.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	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)

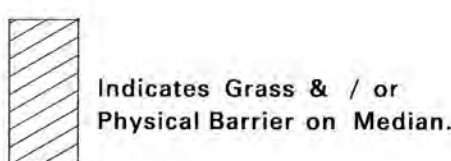
Right of Way Fence: Type – Right and Left

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

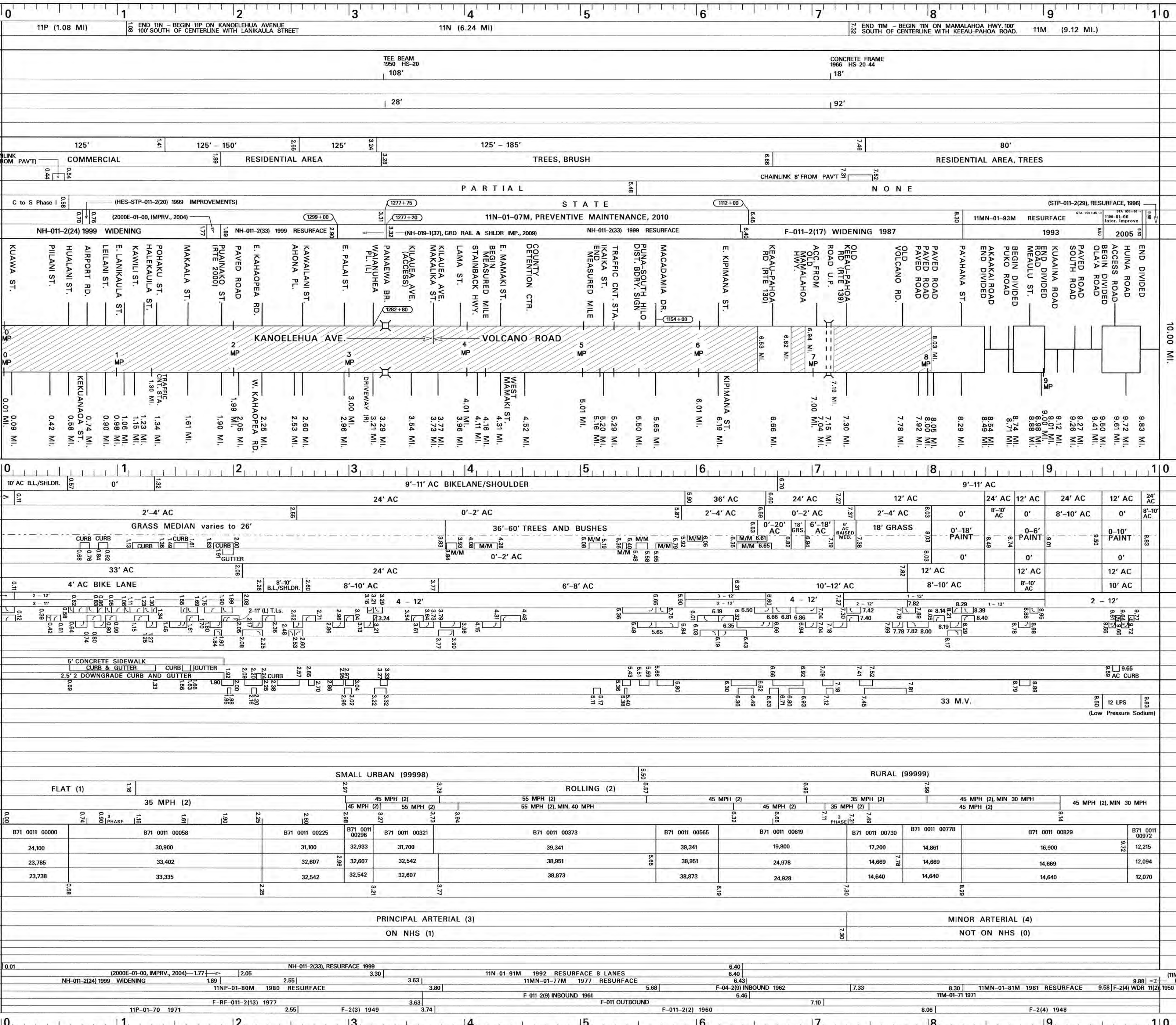
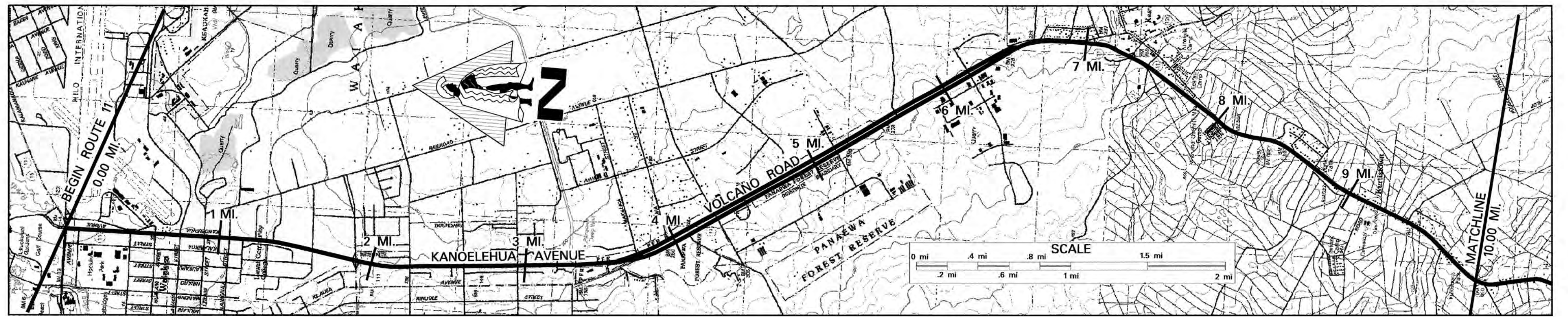


Road Diagram

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Undivided	Shoulder: Width and Type	(COMBINATION BIKELANE & SHOULDER FROM 0.00 MI.– 6.70 MI.)
		Pavement: Width and Type	
		Shoulder: Width and Type	
		Median: Width and Type	
		Median Barriers:	(M/M GUARDRAIL)
		Shoulder: Width and Type	
		Pavement: Width and Type	
		Shoulder: Width and Type	(COMBINATION BIKELANE & SHOULDER FROM 0.00 MI.– 2.60 MI.)
		Number of Traffic Lanes	
		Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)		ALL T. L. 12'	
Frontage Road: No. of Lanes, and Width (Right and Left)			
Sidewalk: Width and Type (Right and Left)			
Curb and/or Gutter: Type (Right and Left)			
Protective Devices: Type, Location and Number		ALL METAL RAILS ON METAL POSTS	
Illumination: Type, Location and Number			
Curves: Degree of Curvature (Right and Left)			
Superelevation (Range)			
Grades: % Grade, Positive or Negative			
Vertical Curve: Crest or Sag, Curve Limits			
Area and Development:			
Terrain: 1-Flat, 2-Rolling, 3-Mountainous			
Speed: 1-Design, 2-Posted			
Intersection Control Devices: Type, Location and Cycle Timing		ALL 4 PHASE UNLESS NOTED	
Traffic Stations (Current Year)			
HPMS Sections – AADT 2010			
HPMS Sections – AADT 2009			
HPMS Sections – AADT 2008			
DOD Sections			
Census Tracts			
Functional Classification			
National Highway System (NHS)			
Previous Projects: Project No., Date and Limits			

SCALE: (In Miles) 2" = 1 mile



CONTINUES ON SHEET #2

Date Released	Dec 2004	GN
Revised		
5/06	G.N.	
9/10	D.B.	
2/11	D.B.	
2/12	D.B.	

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

0.00 miles

Maintenance Control Sections : Length and Description	
1	1.000000
2	2.000000
3	3.000000
4	4.000000
5	5.000000
6	6.000000
7	7.000000
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97	97.000000
98	98.000000
99	99.000000
100	100.000000

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

CONTINUED ON SHEET #4.
30 MI.

CONTINUED FROM SHEET #2

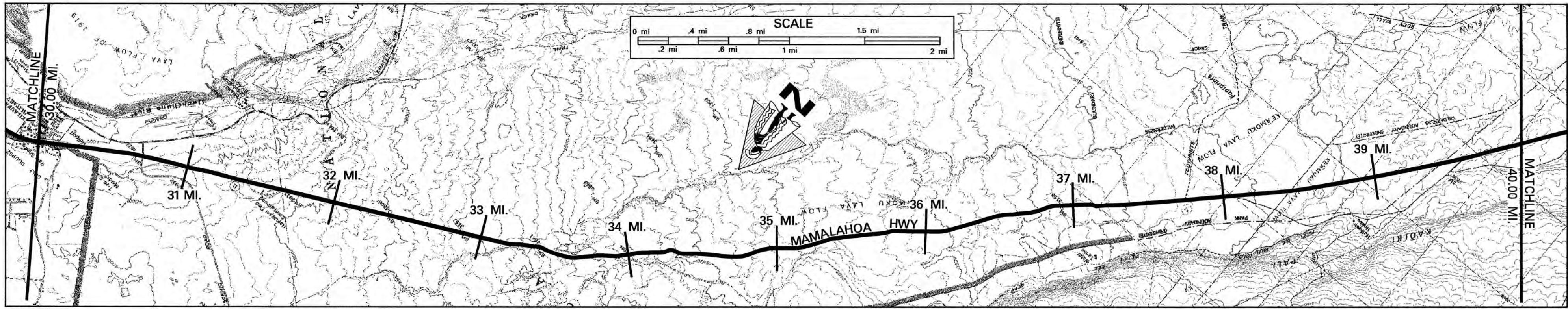
Date Released	
JUNE 05, D.B.	
Revised	
6/06	D.B.
9/10	D.B.
2/11	D.B.
2/12	D.B.

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: 122.09 miles
a. Survey Length: 122.09 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
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Road Diagram
* MP = Milepost Signage

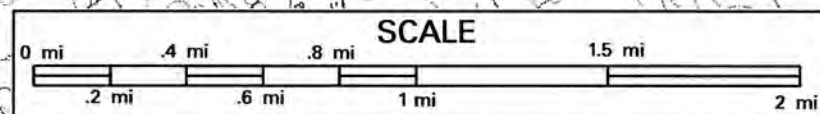
SCALE: (In Miles) 2" = 1 mile

Divided Highway	Undivided	Shoulder: Width and Type		2'-4' AC	6' AC	37.11	2'-4' AC			
		Pavement: Width and Type			24' AC	37.06	22' AC	36.92	24' AC	
		Shoulder: Width and Type		2'-4' AC	5'-7' AC		3' AC	36.86	8'-10' AC	
		Median: Width and Type								
		Median Barriers:								
		Shoulder: Width and Type								
		Pavement: Width and Type								
		Shoulder: Width and Type								
		Number of Traffic Lanes			2-12'	37.08		2-11'	36.95	2-12'
		Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)								
			(Right Side)							
Frontage Road: No. of Lanes, and Width (Right and Left)										
Sidewalk: Width and Type (Right and Left)										
Curb and/or Gutter: Type (Right and Left)										
Protective Devices: Type, Location and Number	ALL METAL RAILS ON METAL POSTS GUARDRAILS									
Illumination: Type, Location and Number										
Curves: Degree of Curvature (Right and Left)										
Superelevation (Range)										
Grades: % Grade, Positive or Negative										
Vertical Curve: Crest or Sag, Curve Limits										
Area and Development:										
Terrain: 1-Flat, 2-Rolling, 3-Mountainous										
Speed: 1-Design, 2-Posted		55 MPH (2), 40 MPH MIN.		45 MPH (2), 30 MPH MINIMUM	37.13		55 MPH (2), 40 MPH MINIMUM			
Intersection Control Devices: Type, Location and Cycle Timing										
Traffic Stations (Current Year)		B71 0011 02844		B71 0011 03074			B71 0011 03713	B71 0011 03947		
HPMS Sections AADT 2010		2,607		2,106			2,106	2,106		
HPMS Sections AADT 2009		2,581		2,085	37.13		2,085	2,085		
HPMS Sections AADT 2008		2,576		2,081			2,081	2,081		
DOD Sections										
Census Tracts										
Functional Classification										
National Highway System (NHS)										
Previous Projects: Project No., Date and Limits										
			30.58	FLH-011-2(27), RESURFACE, 1998	33.35					

SCALE: (In Miles) 2" = 1 mile

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

c. Other Length: * 0.00 miles

[illegible]

Structure Over Road	Structure Carrying Road
---------------------------	-------------------------------

Project No.	Type of Construction	Year Constructed
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
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100	100	100

* MP=Milepost Signage

Divided Highway

Num	...
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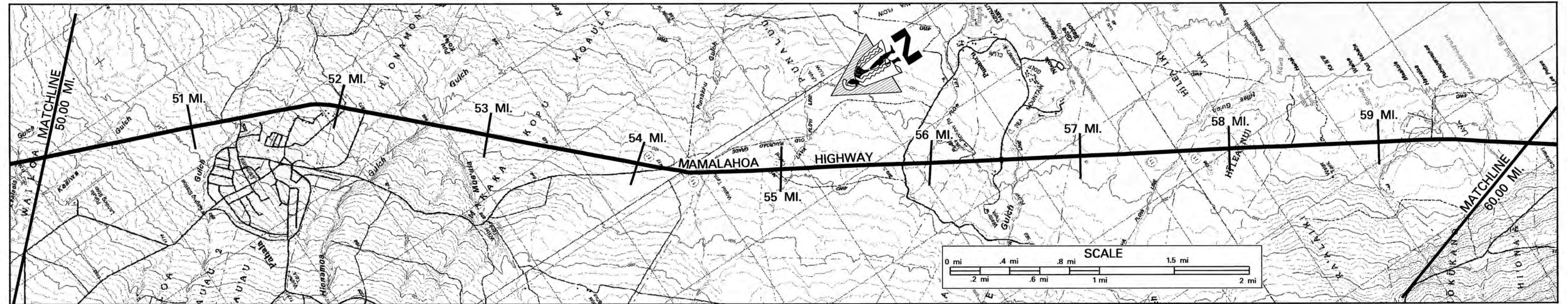
Sheet 5 of 13 HAWAII RTE 11

ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 122.08 miles
a. Survey Length: 122.08 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Structure
Carrying
Road
Over
Road

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

Vertical Clearance

Horizontal Clearance

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

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

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

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. 2006, D.B.

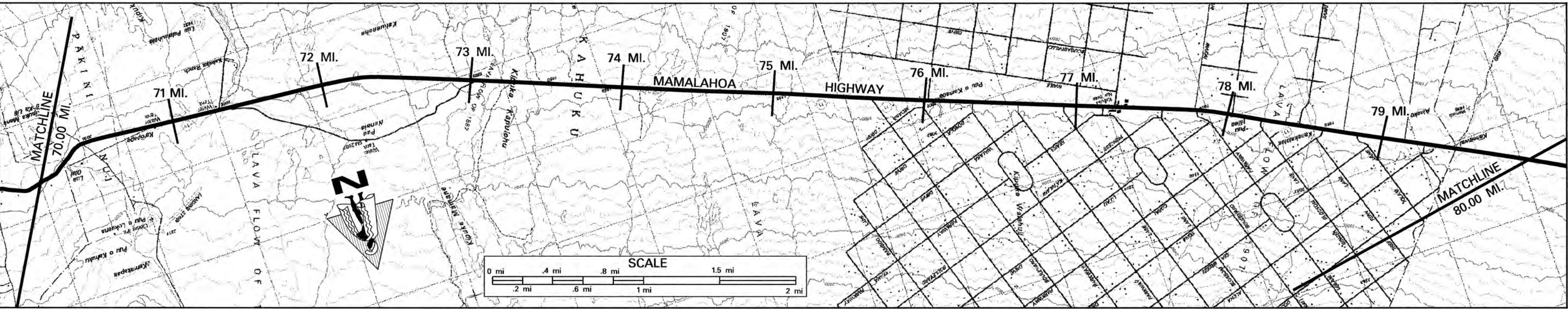
Revised
6/06 D.B.
4/09 D.B.
9/10 D.B.
2/11 D.B.
2/12 D.B.

ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 122.08 miles
a. Survey Length: 122.08 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

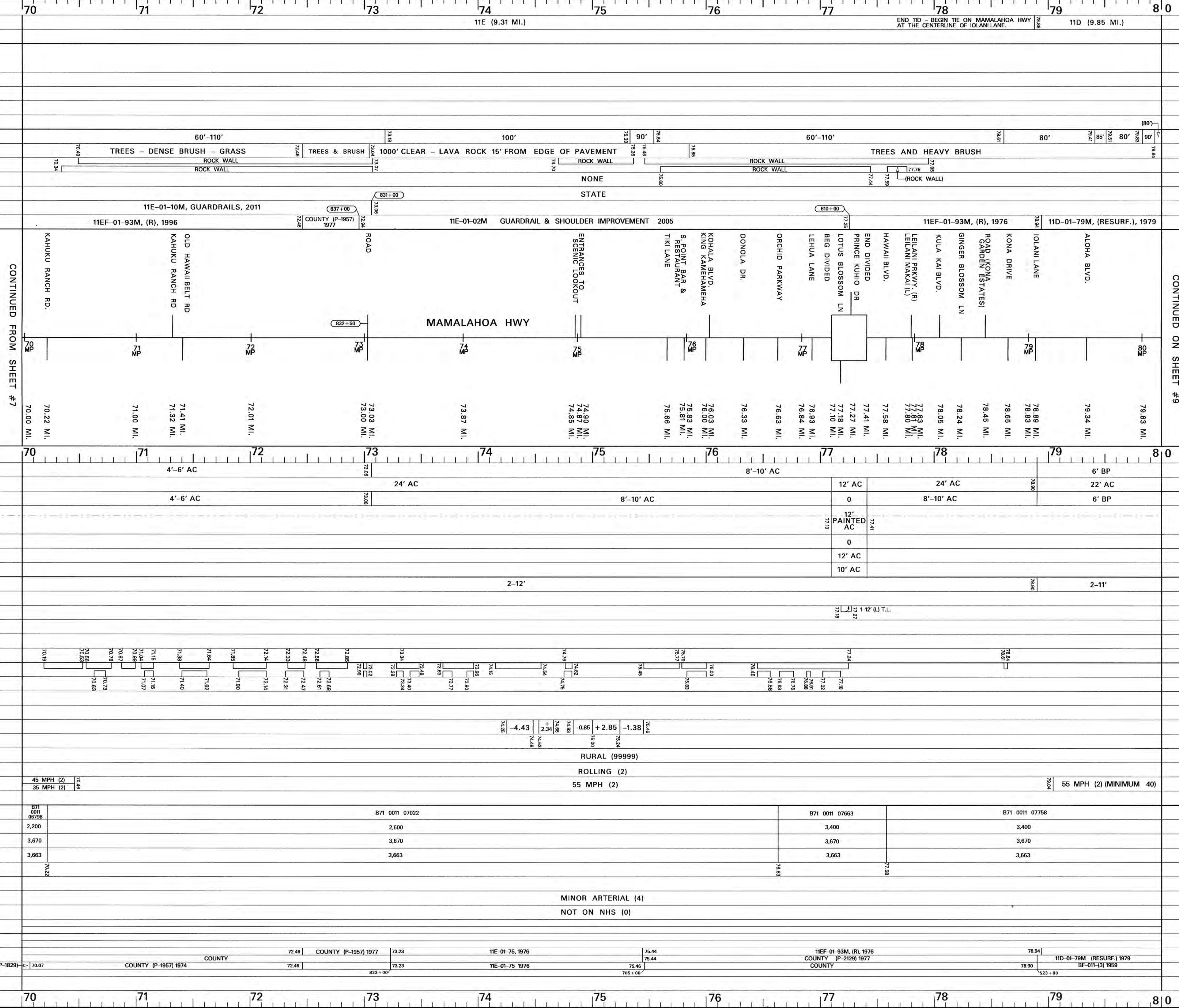
Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
ILLUMINATION: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
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 2010
HPMS Sections - AADT 2009
HPMS Sections - AADT 2008
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile



Date Released	Revised
Feb 2006, D.B.	
5/06 G.N.	
9/10 D.B.	
2/11 D.B.	
2/12 D.B.	

ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 122.08 miles
a. Survey Length: 122.08 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

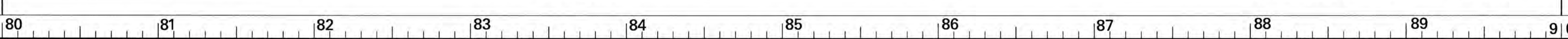
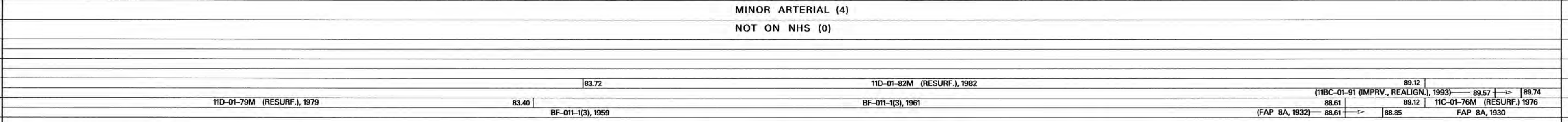
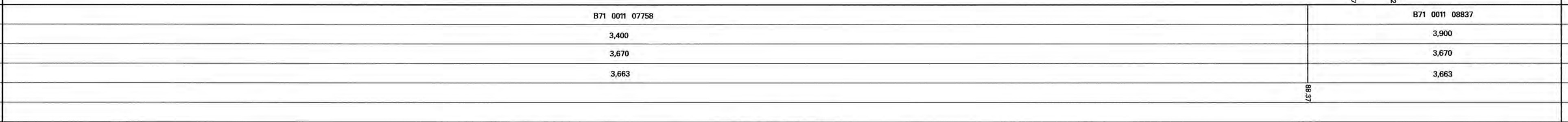
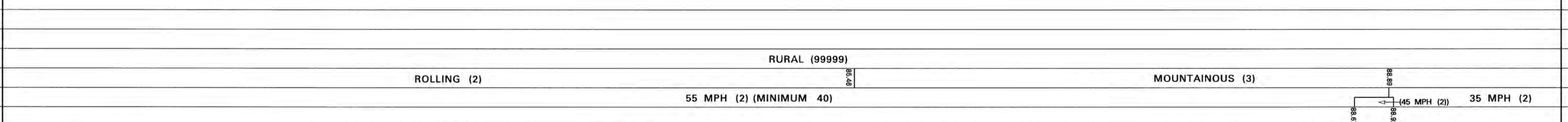
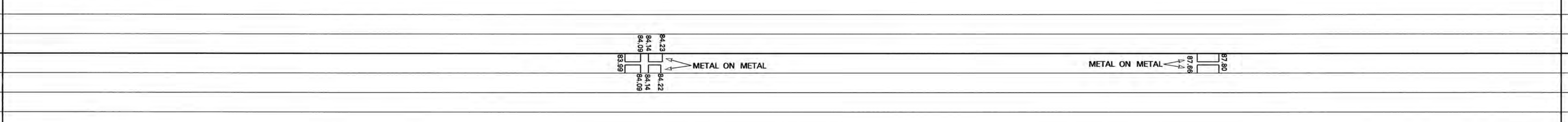
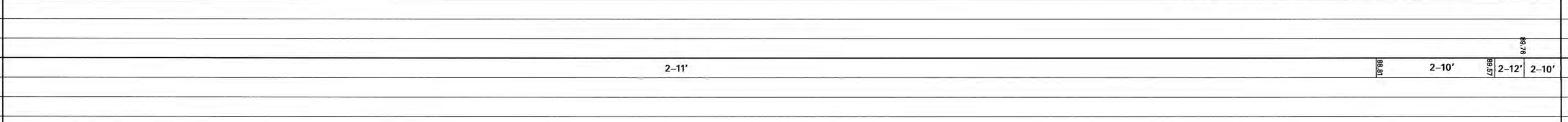
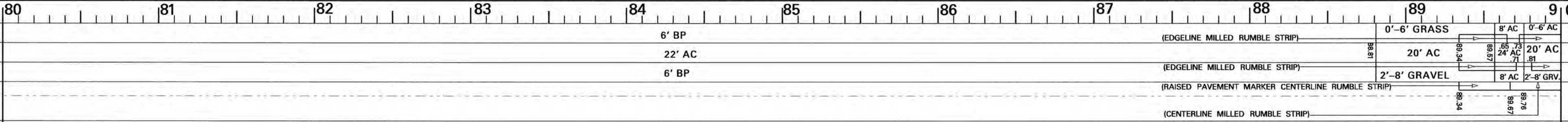
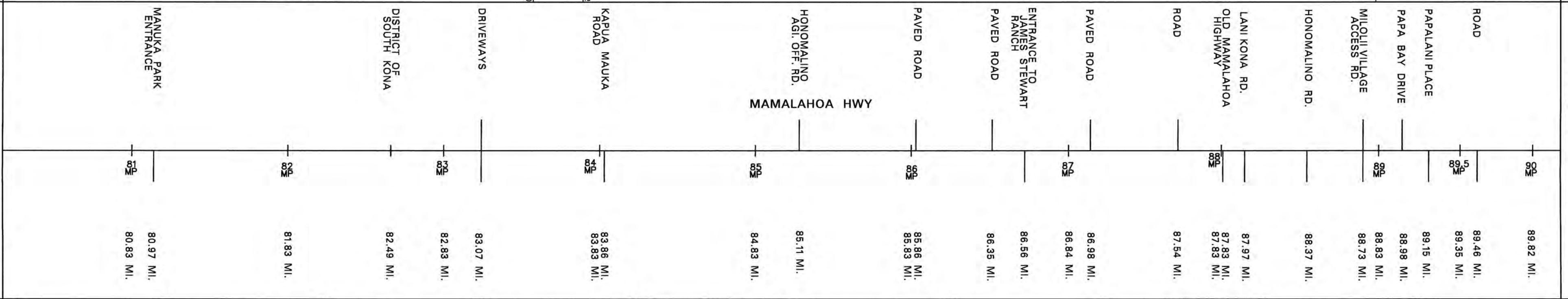
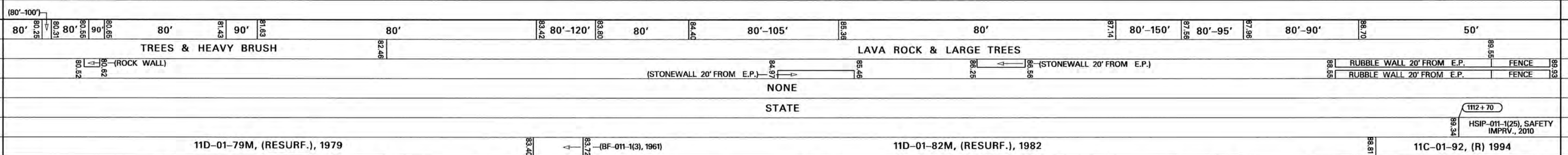
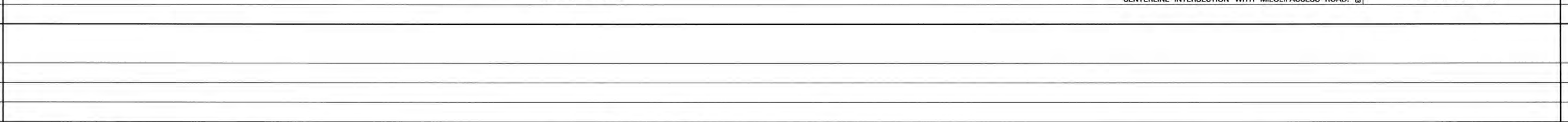
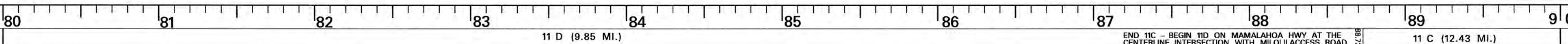
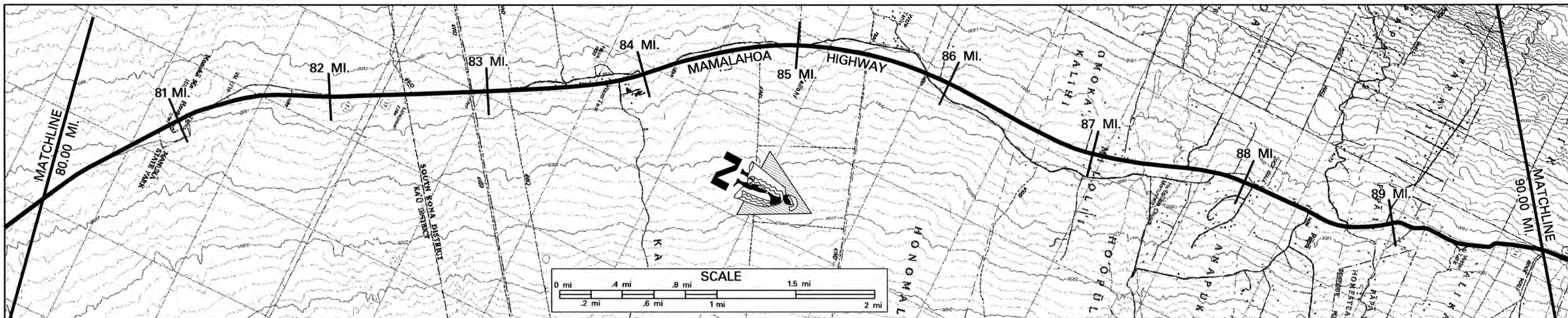
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

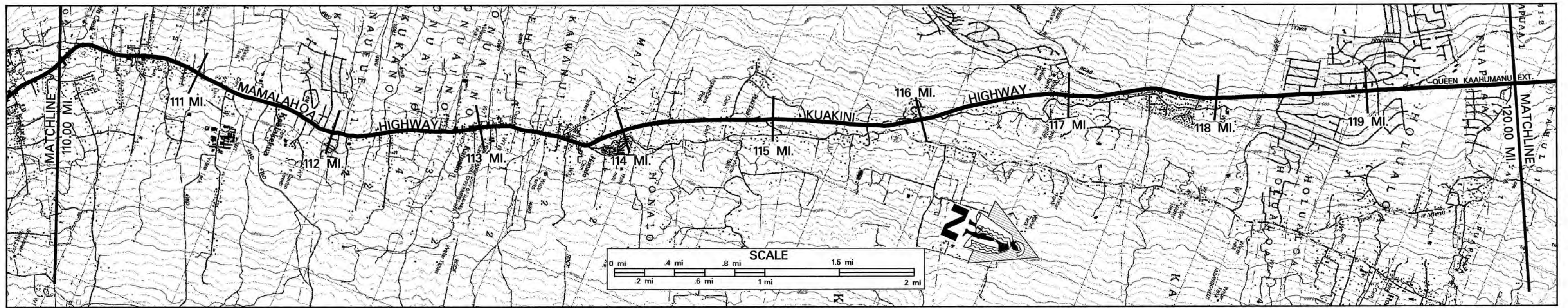
Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 11
MAMALAHOA HWY, KUAKINI HWY,
QUEEN KAAHUMANU EXT.
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 122.08 miles
a. Survey Length: 122.08 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Shoulder: Width and Type	110	111	112	113	114	115	116	117	118	119	120
	Pavement: Width and Type	20' AC	20' AC	20' BP	24' BP	24' AC	11' AC	24' AC	23' AC	34' AC	11' AC	22' AC
	Shoulder: Width and Type	1' AC	1' AC	1' AC	1' AC	1' AC	1' AC	1' AC	1' AC	1' AC	1' AC	1' AC
	Median: Width and Type	0	0	0	0	0	0	0	0	0	0	0
	Median Barriers:	0	0	0	0	0	0	0	0	0	0	0
	Shoulder: Width and Type	2' AC	2' AC	2' AC	2' AC	2' AC	2' AC	2' AC	2' AC	2' AC	2' AC	2' AC
Number of Traffic Lanes		2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'	2-10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		0	0	0	0	0	0	0	0	0	0	0
(Right Side)		0	0	0	0	0	0	0	0	0	0	0
Frontage Road: No. of Lanes, and Width (Right and Left)		0	0	0	0	0	0	0	0	0	0	0
Sidewalk: Width and Type (Right and Left)		0	0	0	0	0	0	0	0	0	0	0
Curb and/or Gutter: Type (Right and Left)		0	0	0	0	0	0	0	0	0	0	0
Protective Devices: Type, Location and Number		0	0	0	0	0	0	0	0	0	0	0
Illumination: Type, Location and Number		0	0	0	0	0	0	0	0	0	0	0
Curves: Degree of Curvature (Right and Left)		0	0	0	0	0	0	0	0	0	0	0
Superelevation (Range)		0	0	0	0	0	0	0	0	0	0	0
Grades: % Grade, Positive or Negative		0	0	0	0	0	0	0	0	0	0	0
Vertical Curve: Crest or Sag, Curve Limits		0	0	0	0	0	0	0	0	0	0	0
Area and Development:		0	0	0	0	0	0	0	0	0	0	0
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		0	0	0	0	0	0	0	0	0	0	0
Speed: 1-Design, 2-Posted		0	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	0
Traffic Stations (Current Year)		0	0	0	0	0	0	0	0	0	0	0
HPMS Sections - AADT 2010		0	0	0	0	0	0	0	0	0	0	0
HPMS Sections - AADT 2009		0	0	0	0	0	0	0	0	0	0	0
HPMS Sections - AADT 2008		0	0	0	0	0	0	0	0	0	0	0
DOD Sections		0	0	0	0	0	0	0	0	0	0	0
Census Tracts		0	0	0	0	0	0	0	0	0	0	0
Functional Classification		0	0	0	0	0	0	0	0	0	0	0
National Highway System (NHS)		0	0	0	0	0	0	0	0	0	0	0
Previous Projects: Project No., Date and Limits		0	0	0	0	0	0	0	0	0	0	0

SCALE: (In Miles) 2" = 1 mile

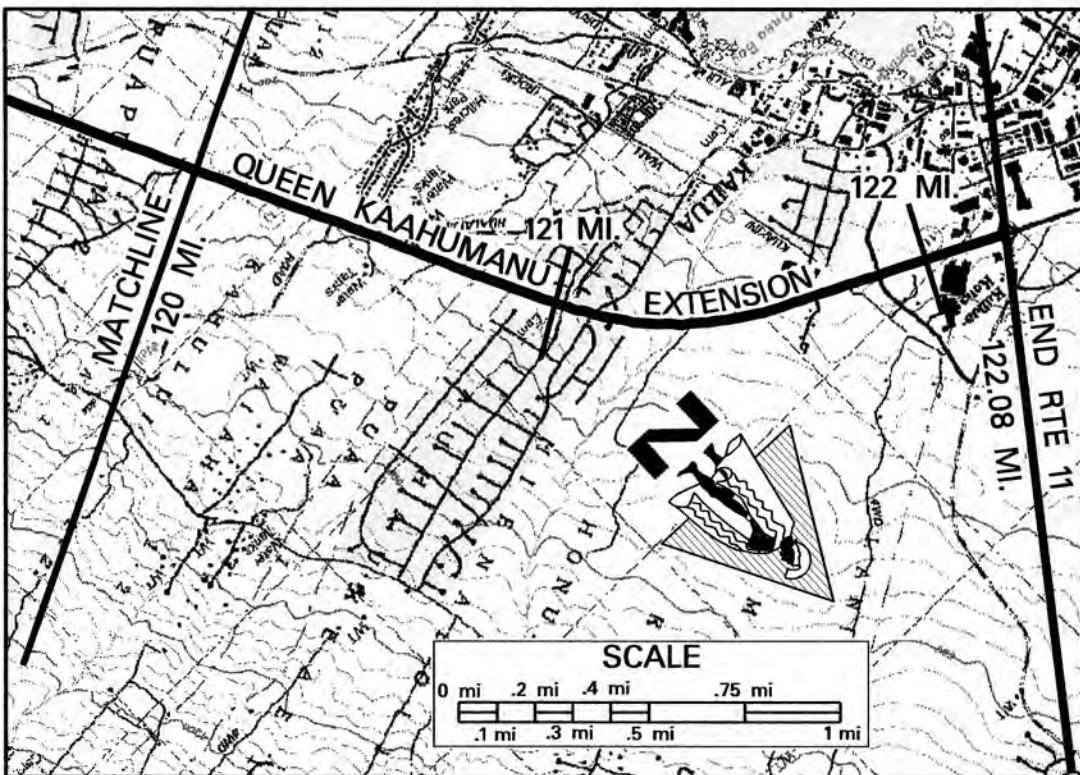
Date Released	
Feb 2006, D.B.	
Revised	
6/06 D.B.	
2/08 D.B.	
9/10 D.B.	
2/11 D.B.	
2/12 D.B.	

ROAD INVENTORY
HAWAII RTE 11
QUEEN KAAHUMANU EXT.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

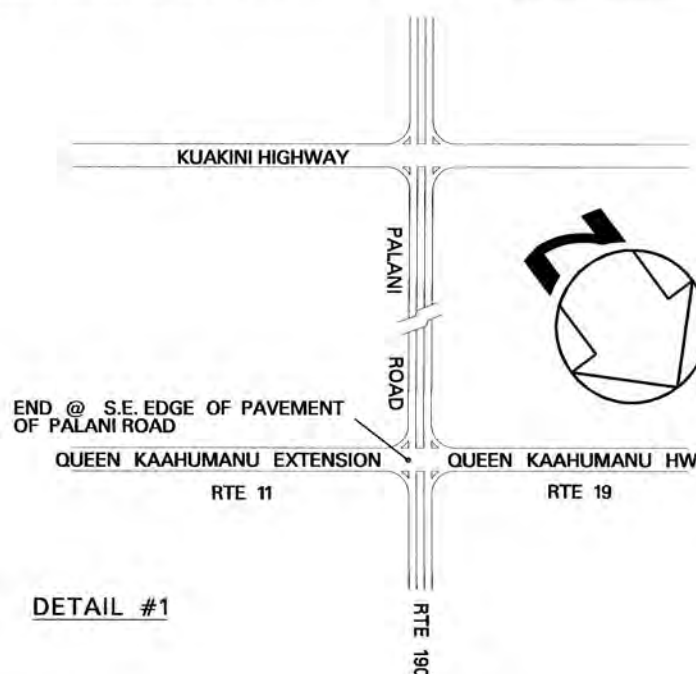
Total Route Length:	<u>122.08</u>	miles
a. Survey Length:	<u>122.08</u>	miles
b. Proposed Length:	<u>0.00</u>	miles
c. Other Length: *	<u>0.00</u>	miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

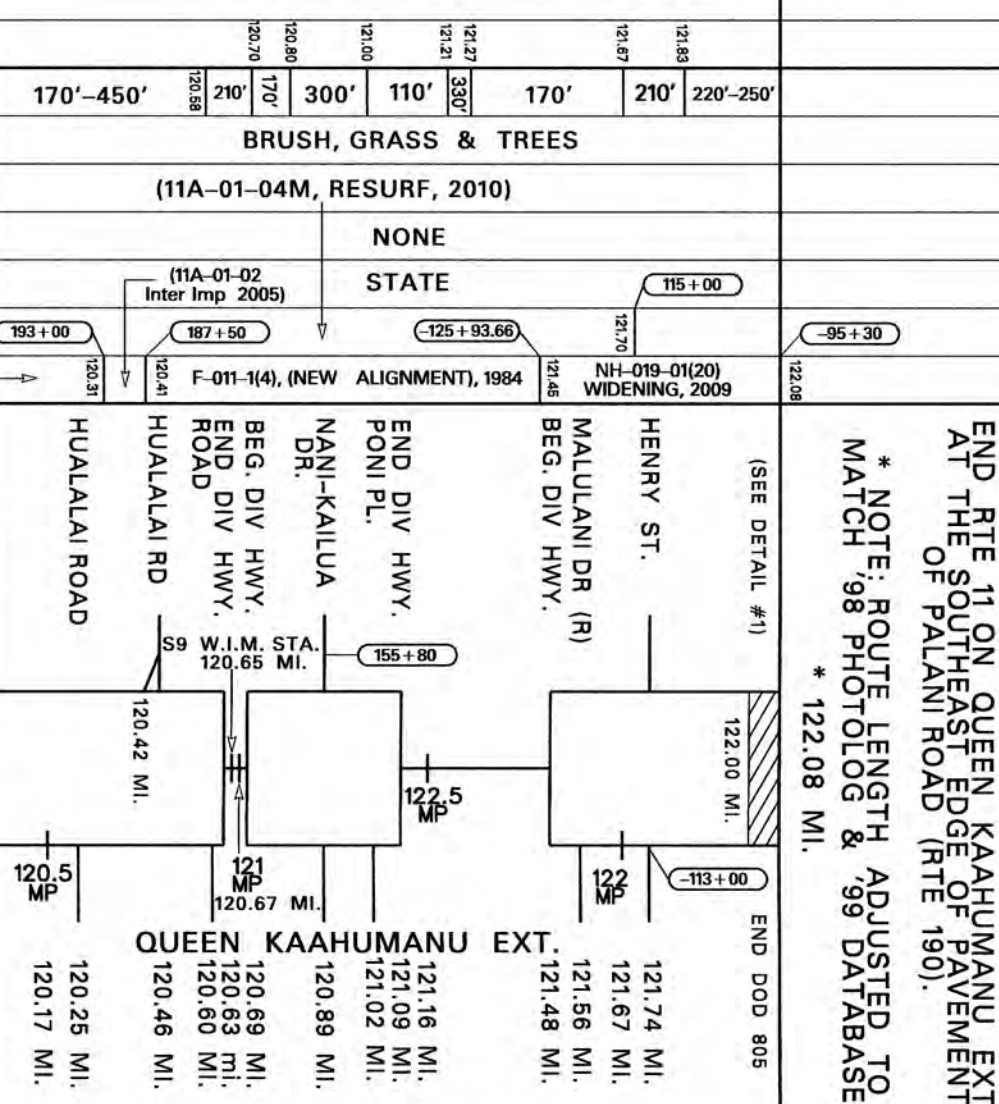
Structure Carrying Road	Bridges (Over 20'):	Length, Type, Capacity and Year Constructed	5 CELL BOX CULVERT 1884, HS-20-44 175'		
	Vertical Clearance				
	Horizontal Clearance				
	Vertical Clearance				
	Horizontal Clearance				
	Right of Way Width (min.-max.) if varies		170'-450'	100' 100'	



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #1



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '98 PHOTOLOG & '99 DATABASE

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 GUARDRAILS										
Illumination: Type, Location and Number												
Curves: Degree of Curvature (Right and Left)												
Superelevation (Range)												
Grades: % Grade, Positive or Negative												
Vertical Curve: Crest or Sag, Curve Limits												
Area and Development:												
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 2010												
HPMS Sections – AADT 2009												
HPMS Sections – AADT 2008												
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

KUHIO ST., KALANIANA'OLE ST., KAMEHAMEHA AVE.,
PAUHAH 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:

99.59

miles

a. Survey Length:

99.59

miles

b. Proposed Length:

0.00

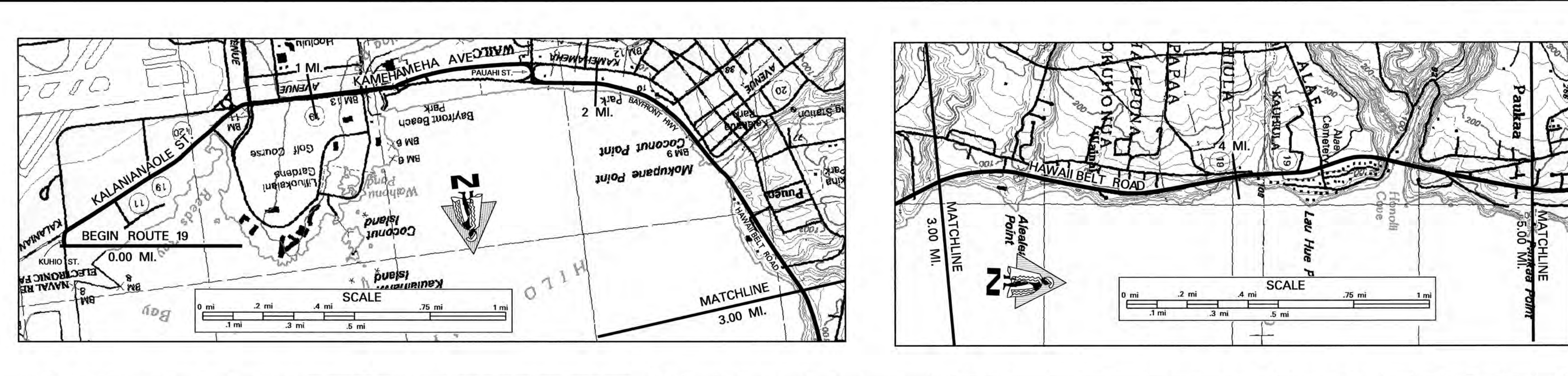
miles

c. Other Length: *

0.00

miles

*



SCALE: (In Miles) 4" = 1 mile		0	1	2	3	4	5
Maintenance Control Sections : Length and Description		END 19L SAME AS BEGIN RTE 19	19L (2.57 MI.)	END 19K AND BEGIN 19L AT N.W. END OF WAILUKU BR.	19K (1.63 MI.)	END 19J AND BEGIN 19K AT ALAE CEM. ACCESS RD. ST.	19J (10.76 MI.)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed		PRE-STRESSED CONC. GIRDER 1993, HS-20-44	STEEL MULTISTRINGER 1950, H20	TEE BEAM 1949, H20	CONCRETE TEE BEAM 1936, H15	
	Vertical Clearance		152'	442'	146'	544'	
	Horizontal Clearance		106'	28'	28'	24'	
	Vertical Clearance				23'-02"	18'-02"	
Structure Over Road	Horizontal Clearance				57'	44'	
	Horizontal Clearance				75'-120'	70'-261'	
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)		NONE	STATE	PARTIAL	STATE	NONE	
Project No., Type of Construction, and Year Constructed		STP-019-2(32), (RESURFACE)	BR-F-019-2(27), 1993 BRIDGE REPLACEMENT	STP-019-2(31), (R), 1995	SDR 3(18), 1950	BR-019-2(50), 2009, OVERPASS REMOVAL	STP-019-2(34), (RESURFACE), 1998
Project No., Type of Construction, and Year Constructed		STP-019-2(32), (RESURFACE)	BR-F-019-2(27), 1993 BRIDGE REPLACEMENT	STP-019-2(31), (R), 1995	SDR 3(18), 1950	BR-019-2(50), 2009, OVERPASS REMOVAL	STP-019-2(34), (RESURFACE), 1998
Road Diagram		CONTINUED ON SHEET #2					
DETAIL #1 NOT TO SCALE		5.00 MI.					
Road Diagram		5.00 MI.					
SCALE: (In Miles) 4" = 1 mile		0	1	2	3	4	5
Divided Highway	Shoulder: Width and Type						
	Pavement: Width and Type						
	Shoulder: Width and Type						
	Median: Width and Type						
Divided Highway	Median Barriers:						
	Shoulder: Width and Type						
	Pavement: Width and Type						
	Shoulder: Width and Type						
Number of Traffic Lanes							
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)							
(Right Side)							
Frontage Road: No. of Lanes, and Width (Right and Left)							
Sidewalk: Width and Type (Right and Left)							
Curb and/or Gutter: Type (Right and Left)							
Protective Devices: Type, Location and Number							
Illumination: Type, Location and Number							
Curves: Degree of Curvature (Right and Left)							
Superelevation (Range)							
Grades: % Grade, Positive or Negative							
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 2010							
HPMS Sections - AADT 2009							
HPMS Sections - AADT 2008							
DOD Sections							
Census Tracts							
Functional Classification							
National Highway System (NHS)							
Previous Projects: Project No., Date and Limits							
SCALE: (In Miles) 4" = 1 mile		0	1	2	3	4	5

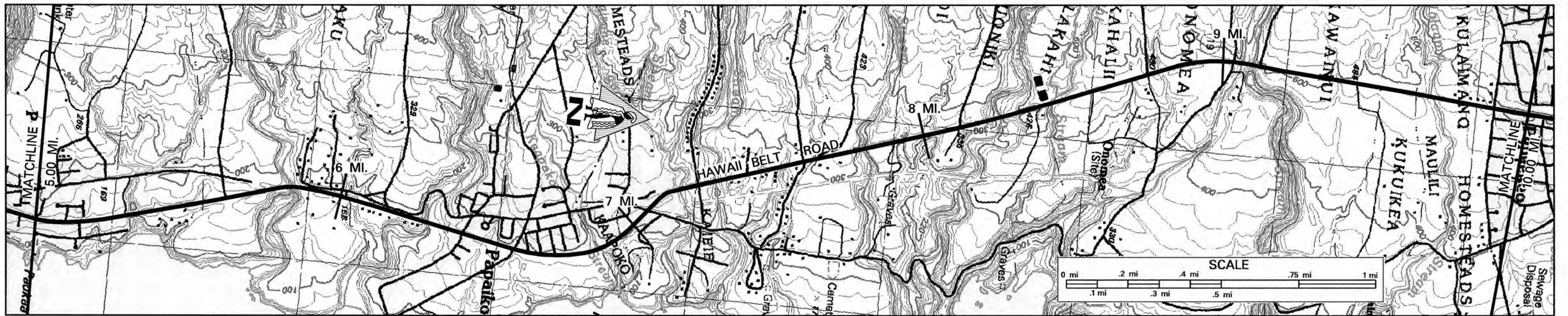
Date Released	Revised
Feb 2006, D.B.	
6/06	D.B.
9/10	D.B.
2/11	D.B.
2/12	D.B.

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: 99.59 miles
a. Survey Length: 99.59 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	19J (10.76 MI.)									
		CONC. MASONRY ARCH HS-20, 1912, (1967)	STEEL GIRDER & FLOOR BEAM H-20, 1950	PRESTRESSED BEAM HS-20, 1967	PRESTRESSED BEAM HS-20, 1967	PRESTRESSED BEAM HS-20, 1968	STEEL GIRDER & FLOOR BEAM H-20, 1948	PRESTRESSED BEAM 1968, HS-20 198'			
Structure Over Road	Vertical Clearance	49'	415'	210'	145'	424'	71'	198'			
	Horizontal Clearance	24'	28'	28'	28'	28'	24'	28'			
Structure Over Road	Vertical Clearance			15' 11"							
	Horizontal Clearance			42'							
Right of Way Width (min.-max.) if varies		70'-261'	70'-125'	100'-250'			80'-135'				
Available Right of Way Width (Needs Study)								(SUGAR CANE) RESIDENTIAL			
Right of Way Fence: Type - Right and Left											
Control of Access: 1-None, 2-Partial, 3-Full											
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)											
Project No., Type of Construction, and Year Constructed											
Project No., Type of Construction, and Year Constructed											

Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1

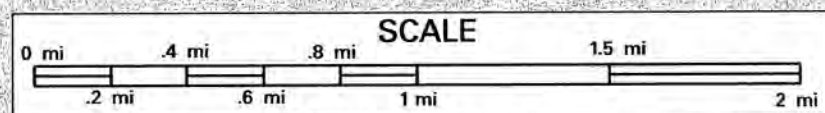
CONTINUED ON SHEET #3

SCALE: (In Miles) 4" = 1 mile

Divided Highway	Unimproved	Shoulder: Width and Type										
		Pavement: Width and Type										
		Shoulder: Width and Type										
		Median: Width and Type										
		Median Barriers:										
		Shoulder: Width and Type										
		Pavement: Width and Type										
		Shoulder: Width and Type										
		Number of Traffic Lanes										
		Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)										
		(Right Side)										
Frontage Road: No. of Lanes, and Width (Right and Left)												
Sidewalk: Width and Type (Right and Left)												
Curb and/or Gutter: Type (Right and Left)												
Protective Devices: Type, Location and Number	(1) METAL ON METAL, (2) WOOD ON CONC., (3) METAL ON CONC.											
Illumination: Type, Location and Number												
Curves: Degree of Curvature (Right and Left)												
Superelevation (Range)												
Grades: % Grade, Positive or Negative												
Vertical Curve: Crest or Sag, Curve Limits												
Area and Development:												
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 2010												
HPMS Sections - AADT 2009												
HPMS Sections - AADT 2008												
DOD Sections												
Census Tracts												
Functional Classification												
National Highway System (NHS)												
Previous Projects: Project No., Date and Limits												

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

0.00 miles

[illegible]

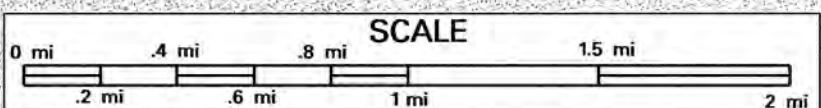
1

Road Diagram

* MP = Milepost Signage

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

0.00 miles



Maintenance Control Sections : Length and Description

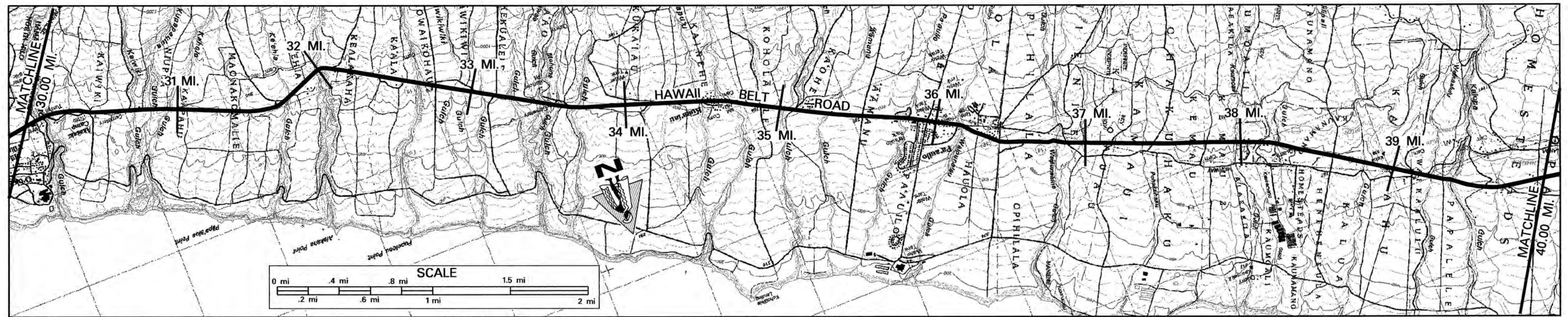
Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Date Released	
Feb 2006, D.B.	
Revised	
6/06	D.B.
12/09	D.B.
2/11	D.B.
2/12	D.B.

Total Route Length:	<u>99.59</u>	miles
a. Survey Length:	<u>99.59</u>	miles
b. Proposed Length:	<u>0.00</u>	miles
c. Other Length: *	<u>0.00</u>	miles



Maintenance Control Sections : Length and Description
1.000 - 1.999
2.000 - 2.999
3.000 - 3.999
4.000 - 4.999
5.000 - 5.999
6.000 - 6.999
7.000 - 7.999
8.000 - 8.999
9.000 - 9.999
10.000 - 10.999
11.000 - 11.999
12.000 - 12.999
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93.000 - 93.999
94.000 - 94.999
95.000 - 95.999
96.000 - 96.999
97.000 - 97.999
98.000 - 98.999
99.000 - 99.999

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	

 Indicates Grass & / or Physical Barrier on Median.

CONTINUE FROM SHEET #4

CONTINUE ON SHEET #6

[illegible]

2 - 12

RURAL (99999)

ROLLING (2)

55 MPH POSTED (MINIMUM 40 MPH)

POSTED)	
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36.000	45 MPH (POSTED)	36.044	(L) 55 MPH POSTED (MINIMUM 40 MPH)	(R) 55 MPH POSTED
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PRINCIPAL ARTERIAL (3)

ON NHS (1)

10(31) GUARDRAIL IMPROVEMENTS 1994

35.00	01	35.27	35.30	35.67
34.77		35.22	35.34	35.77
(BRF-019-2(18), 1982)		(BRF-019-2(14) 1981)	35.86	(19GHJ-01-78M, PMS-0100(11) 1978)

DF-019-2(5) 1958

SCALE: (In Miles) 2" = 1 mile

[illegible]

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

0.00 miles

Maintenance Control Sections : Length and Description

Project No., Type of Construction, and Year Constructed	
1	1960
2	1961
3	1962
4	1963
5	1964
6	1965
7	1966
8	1967
9	1968
10	1969
11	1970
12	1971
13	1972
14	1973
15	1974
16	1975
17	1976
18	1977
19	1978
20	1979
21	1980
22	1981
23	1982
24	1983
25	1984
26	1985
27	1986
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29	1988
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31	1990
32	1991
33	1992
34	1993
35	1994
36	1995
37	1996
38	1997
39	1998
40	1999
41	2000
42	2001
43	2002
44	2003
45	2004
46	2005
47	2006
48	2007
49	2008
50	2009
51	2010
52	2011
53	2012
54	2013
55	2014
56	2015
57	2016
58	2017
59	2018
60	2019
61	2020
62	2021
63	2022
64	2023
65	2024
66	2025
67	2026
68	2027
69	2028
70	2029
71	2030
72	2031
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76	2035
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78	2037
79	2038
80	2039
81	2040
82	2041
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85	2044
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87	2046
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112	2071
113	2072
114	2073
115	2074
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118	2077
119	2078
120	2079
121	2080
122	2081
123	2082
124	2083
125	2084
126	2085
127	2086
128	2087
129	2088
130	2089
131	2090
132	2091
133	2092
134	2093
135	2094
136	2095
137	2096
138	2097
139	2098
140	2099
141	2100
142	2101
143	2102
144	2103
145	2104
146	2105
147	2106
148	2107
149	2108
150	2109
151	2110
152	2111
153	2112
154	2113
155	2114
156	2115
157	2116
158	2117
159	2118
160	2119

* MP = Milepost Signage

Previous Projects: Project No., Date and Limits		

0 mi .4 mi .8 mi 1.5 mi

SCALE

.2 mi .6 mi 1 mi 2 mi

VARIES 80' - 185'

19F-01-97M RESURF. 1999

CONTINUE ON SHEET #7

Previous Projects: Project No., Date and Limits		

Sheet 6 of 11 HAWAII RTE 19

ROAD INVENTORY
HAWAII RTE 19
KAWAIHAE RD., MAMALAHOA HWY,
HAWAII BELT ROAD, LINDSAY 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: 99.59 miles
a. Survey Length: 99.59 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

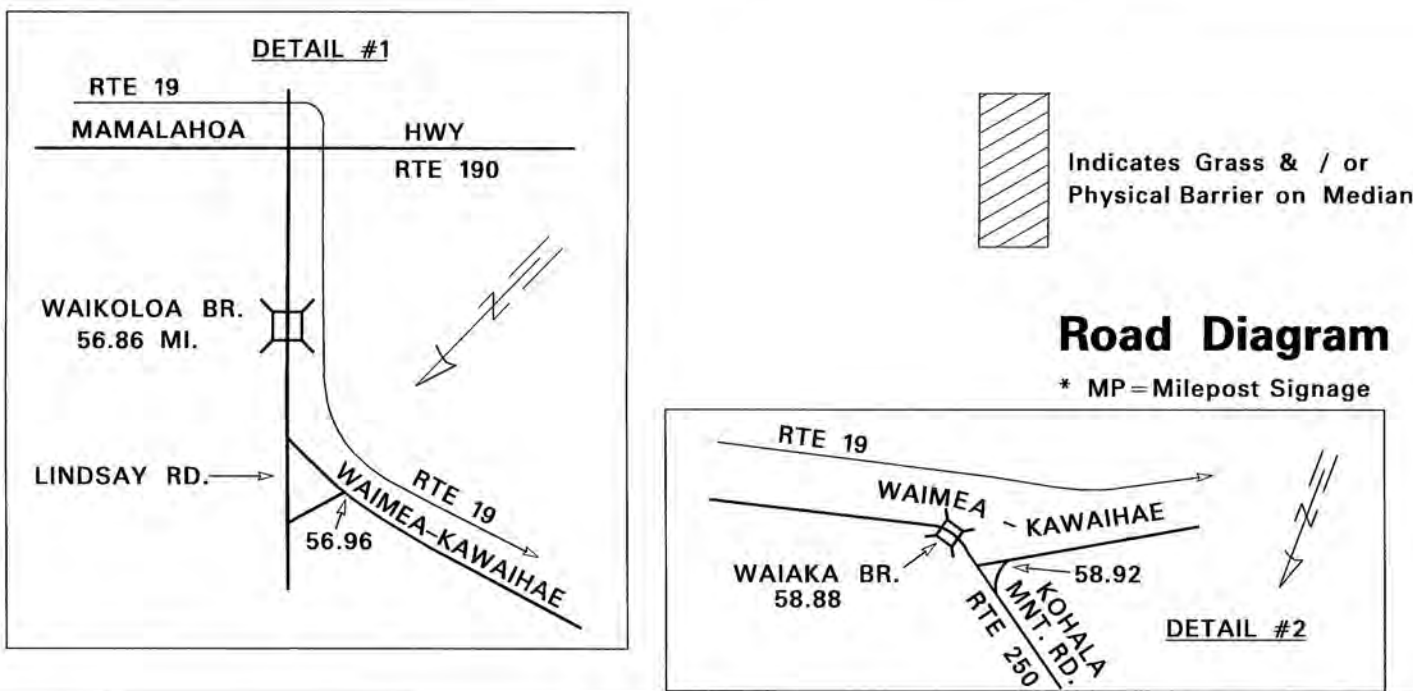
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



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

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

DOD Sections

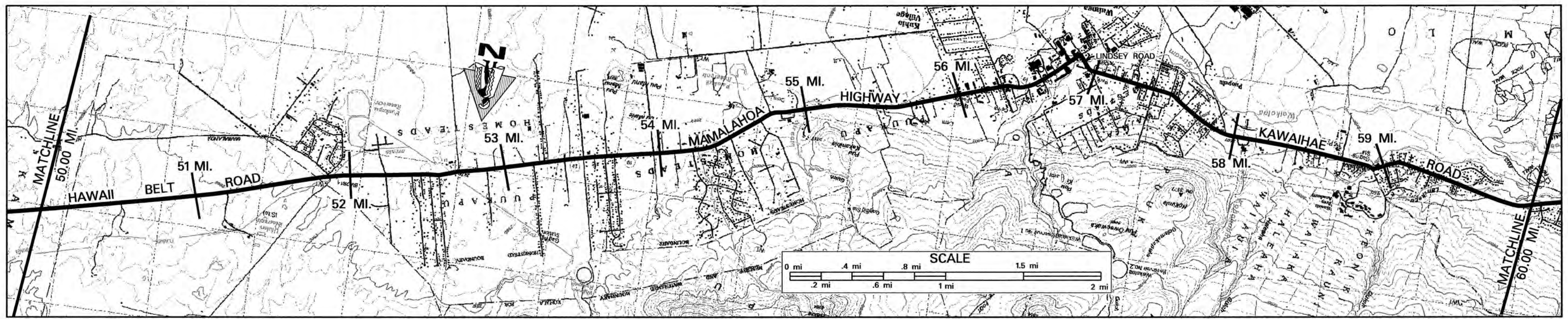
Census Tracts

Functional Classification

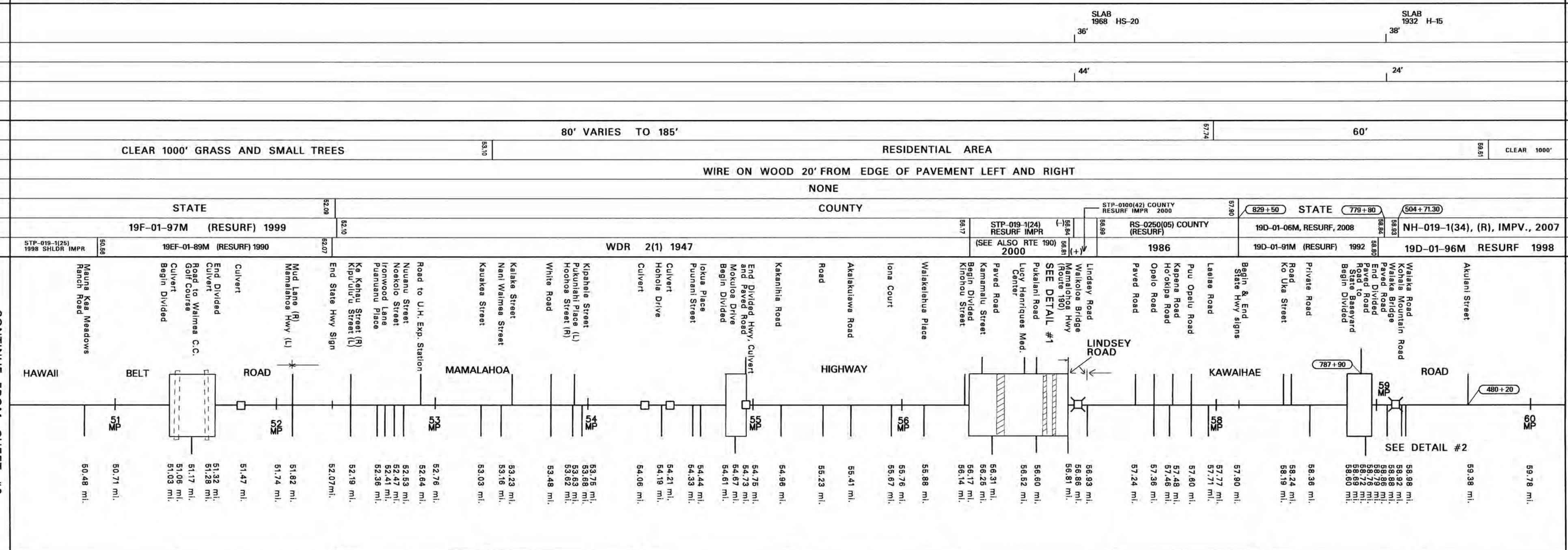
National Highway System (NHS)

Previous Projects: Project No., Date and Limits

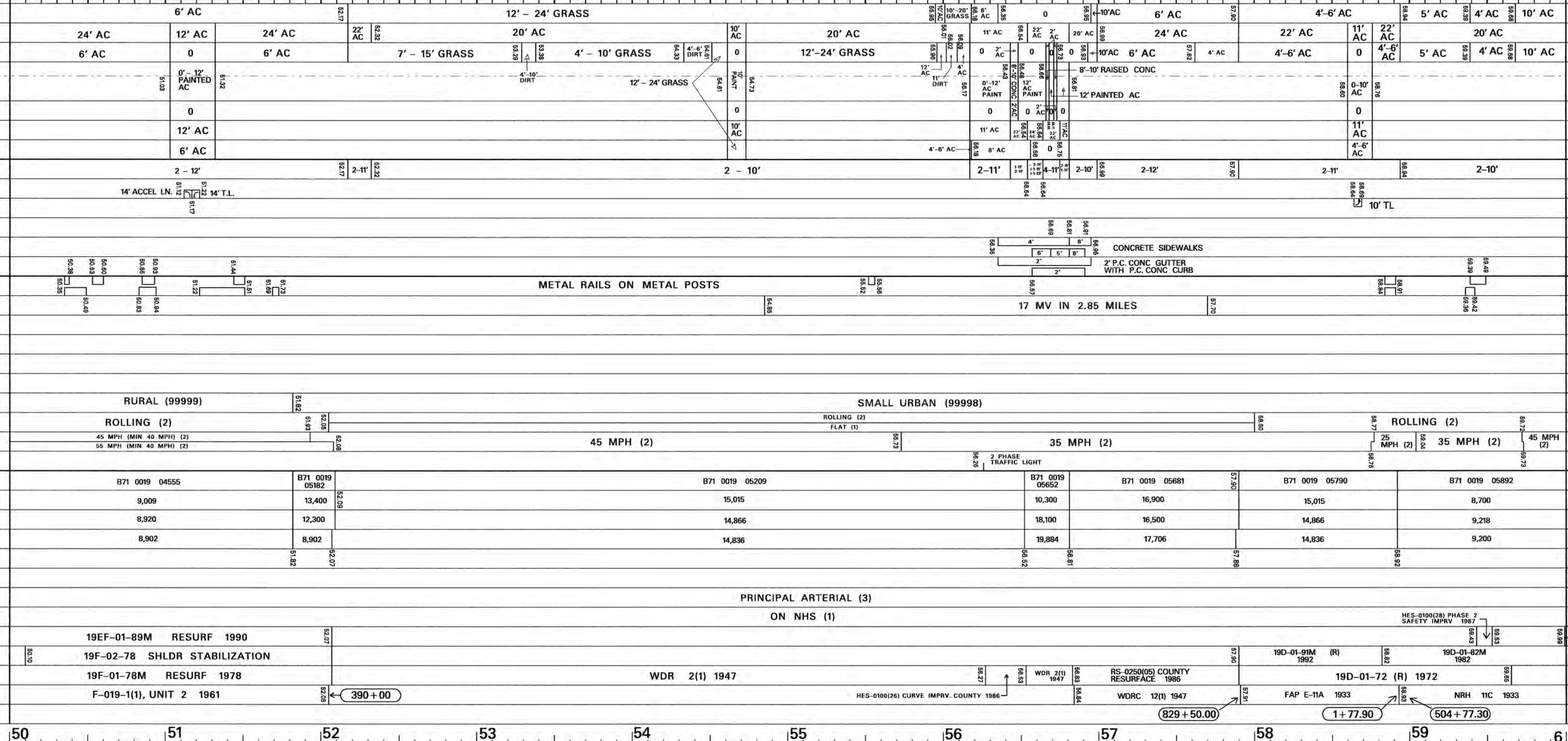
SCALE: (In Miles) 2" = 1 mile



50 51 52 53 54 55 56 57 58 59 60
19 F (10.05 MI.) END 19E BEGIN 19F AT THE CENTERLINE OF MUD LANE 19E (0.22) BEGIN 19E AT THE END STATE HWY SIGN COUNTY END 19D AT THE END OF STATE HWY SIGN 19D (8.92 MILES)



50 51 52 53 54 55 56 57 58 59 60



SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 19
QUEEN KAAHUMANU HWY, KAWAIHAE 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: 99.59 miles
a. Survey Length: 99.59 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

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Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

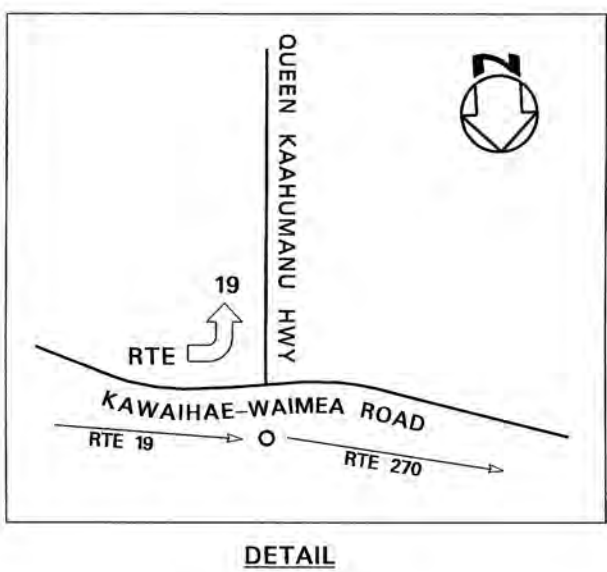
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Undivided	Shoulder: Width and Type	4' AC										10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' 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AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC	10' AC	4' AC
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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:	25.32	MILES (a+b)
a. Existing Length:	25.32	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	21.83	MILES (a+b, less c)
a. Existing Length:	21.83	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

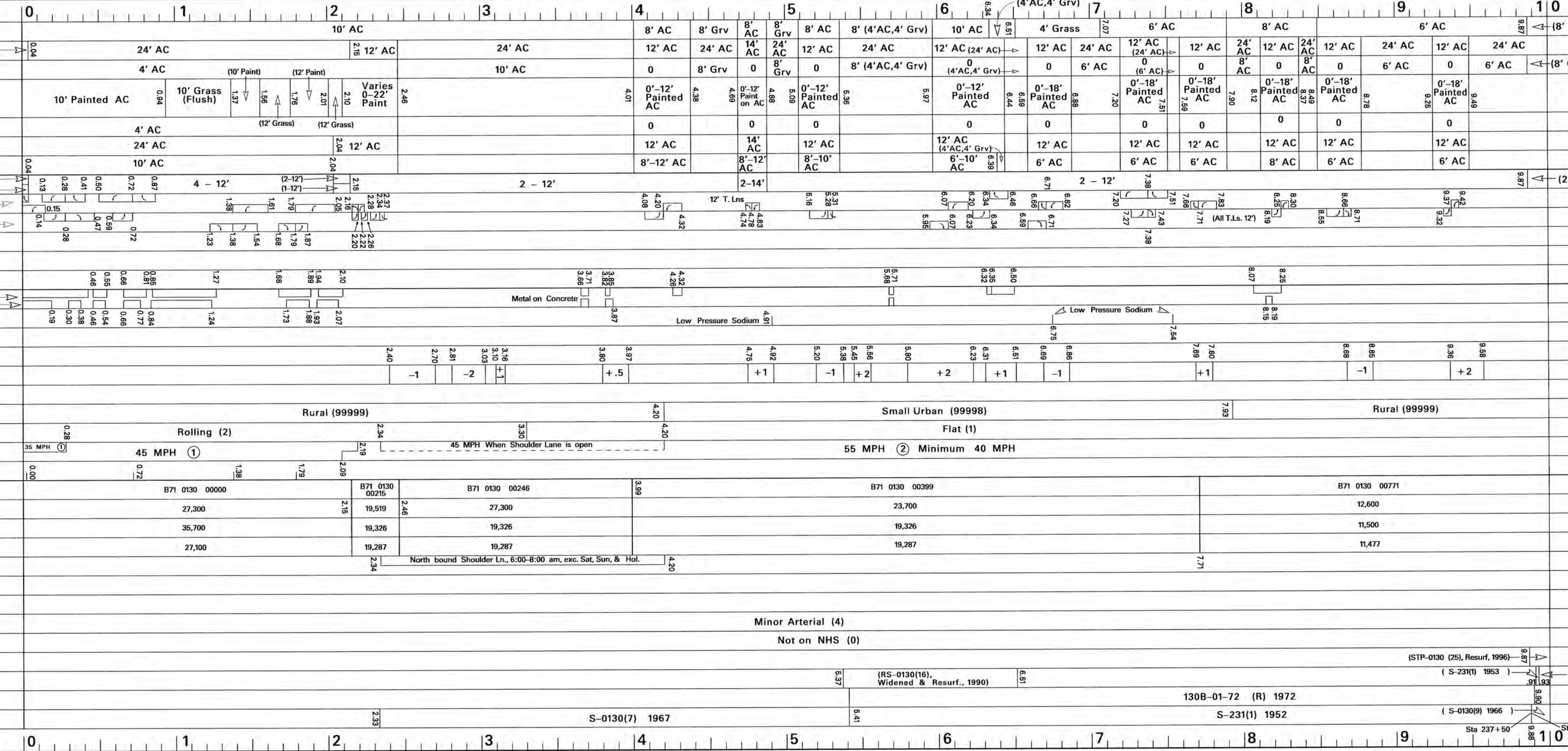
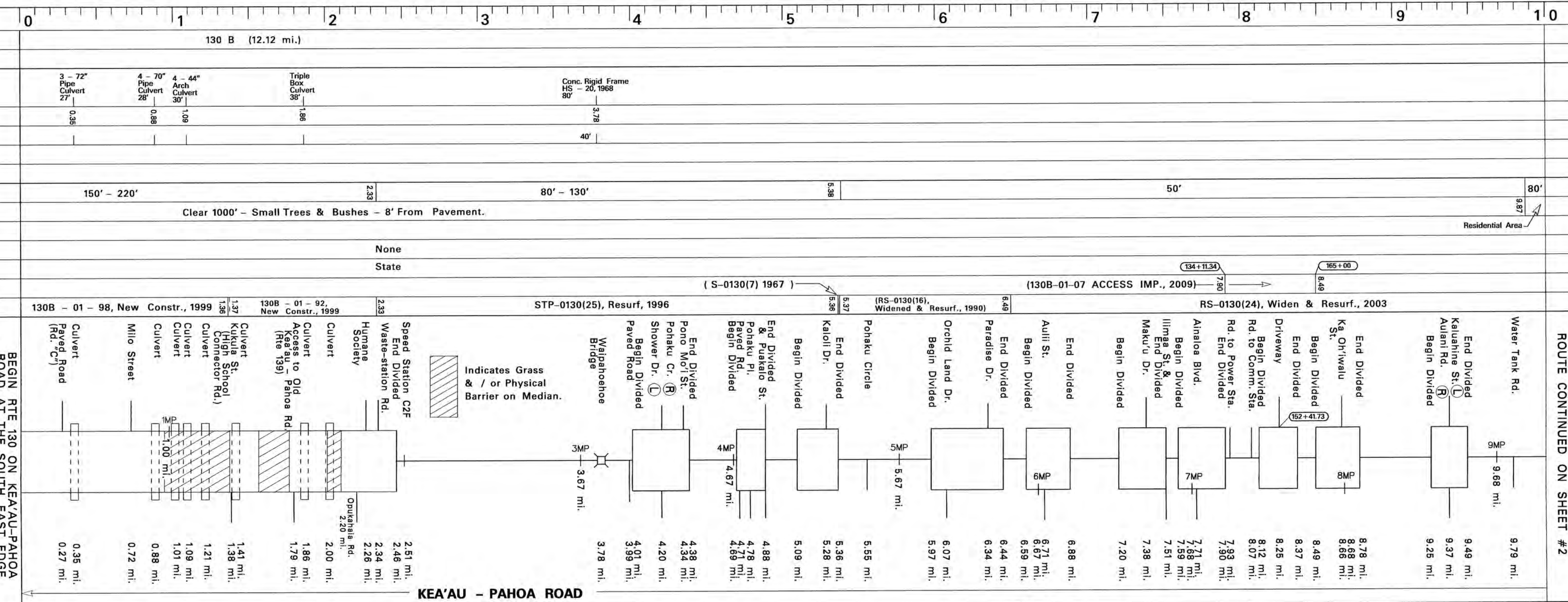
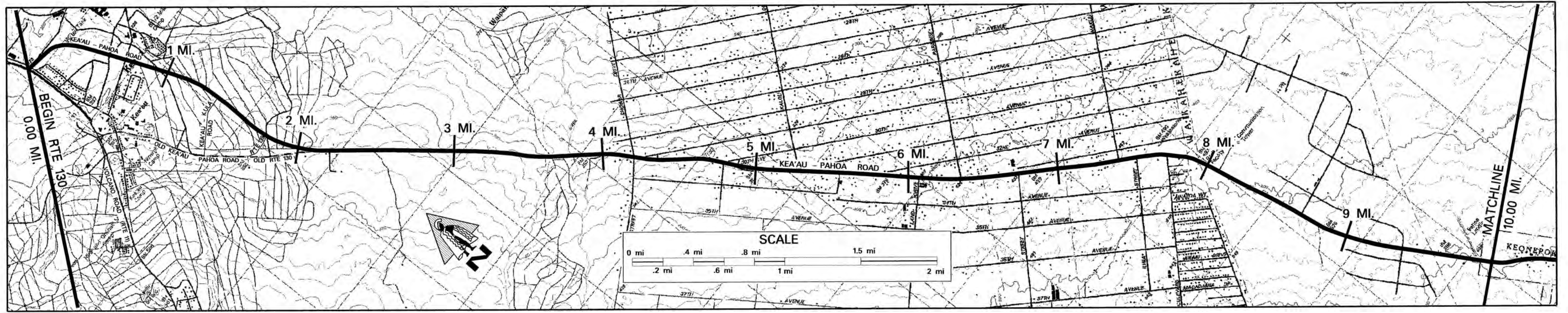
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	130 B (12.12 mi.)
	Vertical Clearance	
	Horizontal Clearance	
	Vertical Clearance	
Structure Over Road	Horizontal Clearance	
	Right of Way Width (min.-max.) if varies	150' - 220'
	Available Right of Way Width (Needs Study)	
	Right of Way Fence: Type - Right and Left	Clear 1000' - Small Trees & Bushes - 8' From Pavement.
Control of Access: 1-None, 2-Partial, 3-Full		
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		
Project No., Type of Construction, and Year Constructed		
Project No., Type of Construction, and Year Constructed		

Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Shoulder: Width and Type	10' AC
	Pavement: Width and Type	12' AC
	Shoulder: Width and Type	10' AC
	Median: Width and Type	10' Painted AC
Undivided Highway	Shoulder: Width and Type	4' AC
	Pavement: Width and Type	24' AC
	Shoulder: Width and Type	10' AC
	Median: Width and Type	10' AC
Number of Traffic Lanes		4 - 12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		
(Right Side)		All Turning Lanes 12'
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		
Curb and/or Gutter: Type (Right and Left)		
Protective Devices: Type, Location and Number		All Metal on Metal
Illumination: Type, Location and Number		
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		
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 2010		
HPMS Sections - AADT 2009		
HPMS Sections - AADT 2008		
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



Date Released	Revised
Oct. 01	J.K.
Feb. 04	D.B.
May 04	D.B.
Sept. 04	D.B.
7/06	D.B.
2/08	D.B.
9/10	D.B.
2/11	D.B.
2/12	D.B.

ROAD INVENTORY
HAWAII RTE 130
KEA'AU-PAHOA RD.,
PAHOA-KALAPANA 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: 25.32 MILES (a + b)
a. Existing Length: 25.32 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 21.83 MILES (a + b, less c)
a. Existing Length: 21.83 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.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
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 SW = Stone Wall
Control of Access: 1-None, 2-Partial, 3-Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No., Type of Construction, and Year Constructed

Road Diagram
* MP = Milepost Signage

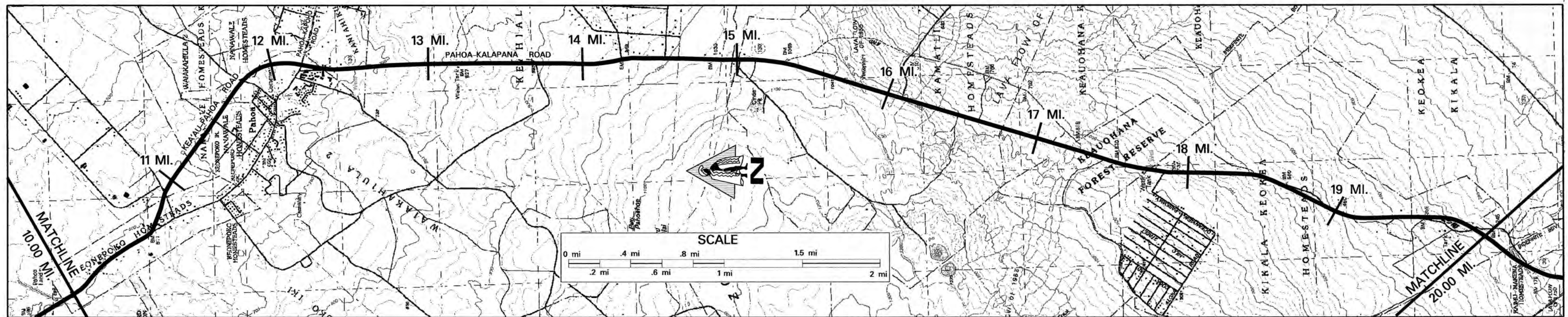
SCALE: (In Miles) 2" = 1 mile

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

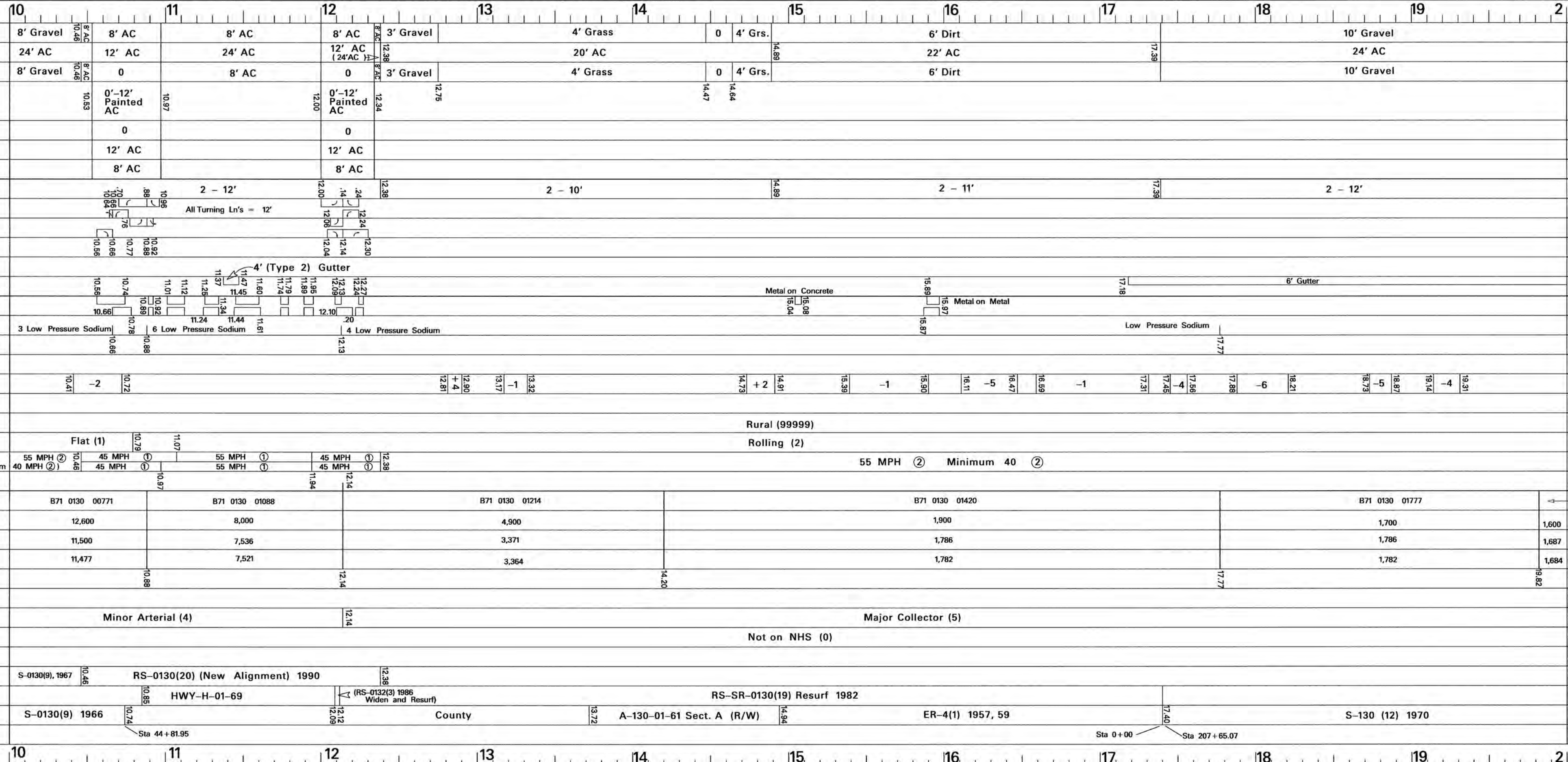
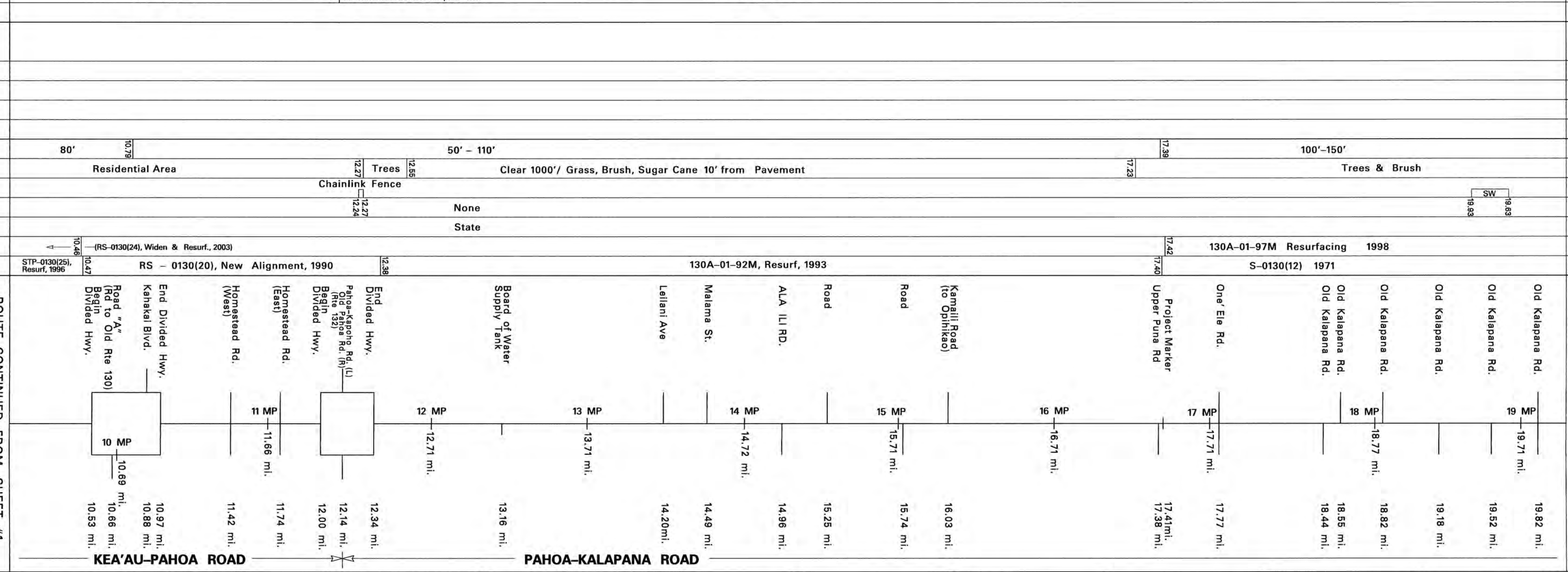
Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
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 2010
HPMS Sections - AADT 2009
HPMS Sections - AADT 2008
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile



10 11 12 13 14 15 16 17 18 19 20
130 B (12.12 Mi.) End 130-A Brg 130-B on Keau-Paho Rd. @ the North E.P. of Paho-Kapoho Rd. 130 A (13.19 Mi.)



Date Released	Revised
Sept 02 J.K.	
Feb. 04 D.B.	
May 04 D.B.	
Sept 04 D.B.	
7/06 D.B.	
9/10 D.B.	
2/11 D.B.	
2/12 D.B.	

ROAD INVENTORY
HAWAII RTE 130
PAHOA-KALAPANA ROAD,
KAIMU-CHAIN OF CRATERS 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:	25.32	MILES (a+b)
a. Existing Length:	25.32	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	21.83	MILES (a+b, less c)
a. Existing Length:	21.83	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.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	Bridges (Over 20'): Length, Type, Capacity and Year Constructed
	Vertical Clearance
	Horizontal Clearance
	Vertical Clearance
Structure Over Road	Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes

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

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

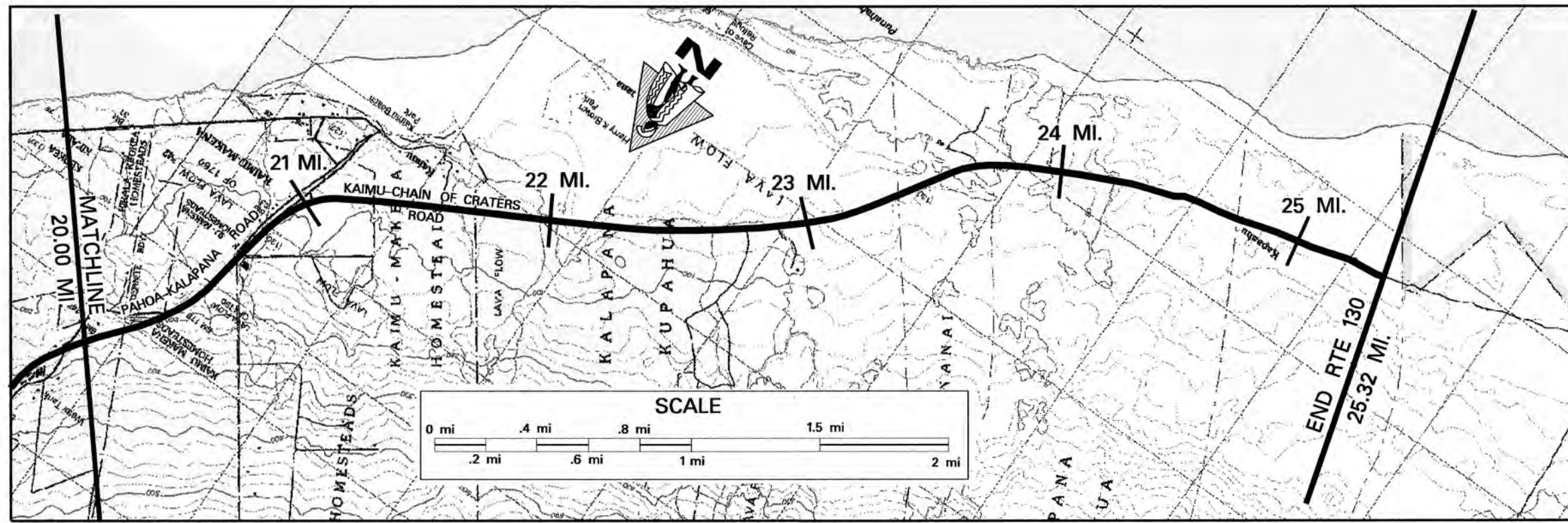
DOD Sections

Census Tracts

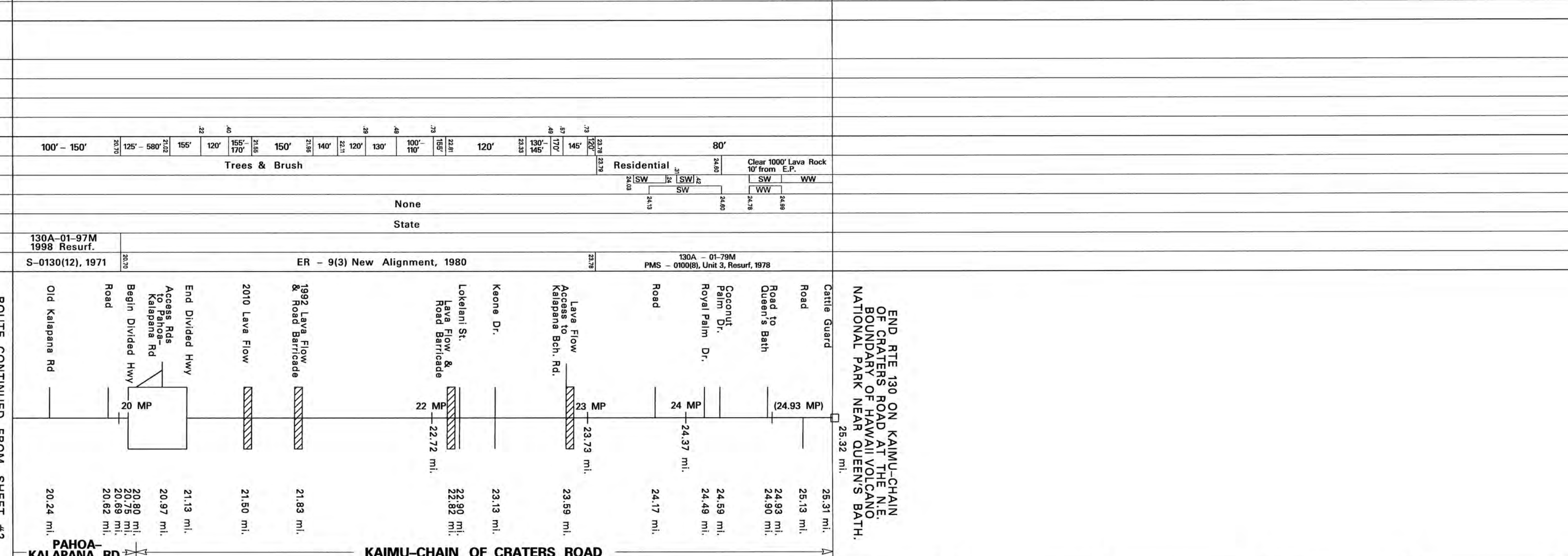
Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



20 21 22 23 24 25 26 27 28 29 30
130 A (13.19 Mi.) Beg. 130 A Same as End Rte 130



20 21 22 23 24 25 26 27 28 29 30
PAHOA-KALAPANA RD KAIMU-CHAIN OF CRATERS ROAD



20 21 22 23 24 25 26 27 28 29 30
S-130 (12), 1971 County A-130-01-60 (Sec. C) 1964 S-130(1) 1964

SCALE: (In Miles) 2" = 1 mile

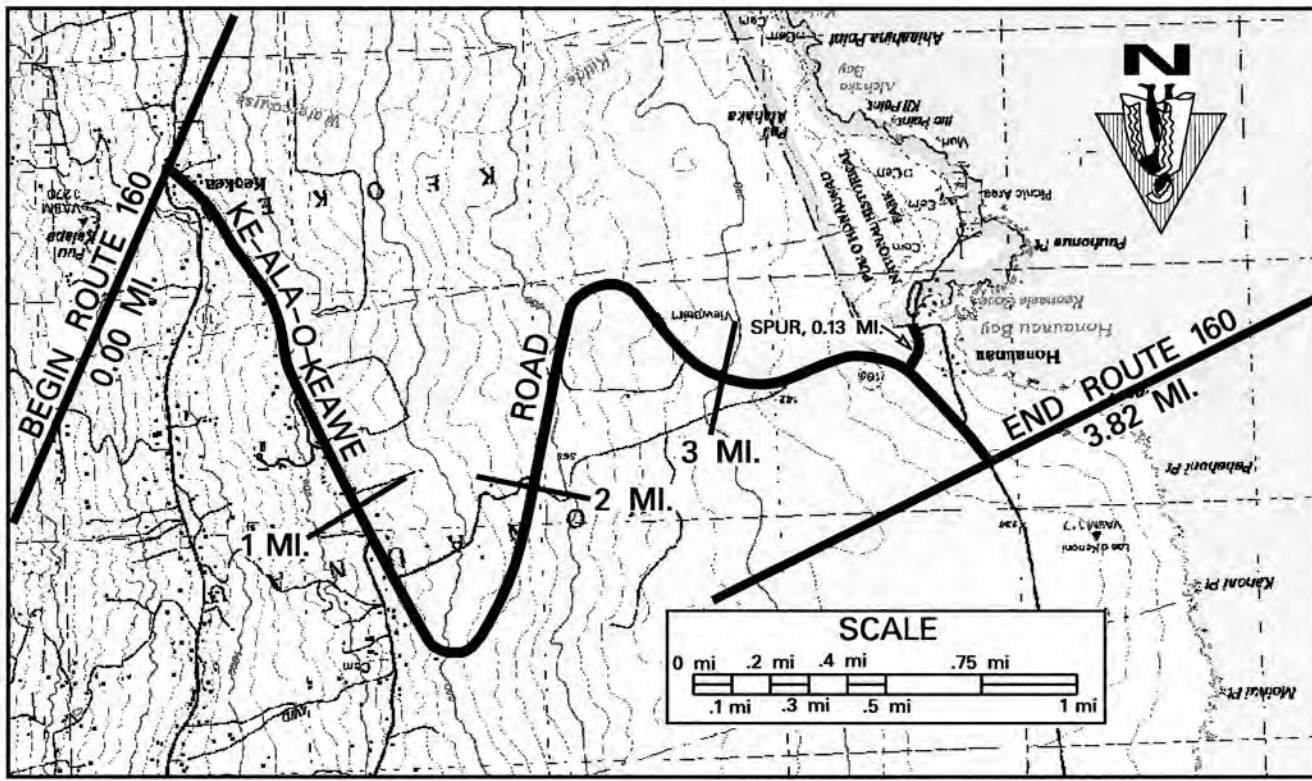
ROAD INVENTORY
HAWAII RTE 160
KE-ALA-O-KEAWE ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length:	<u>3.95</u>	miles
a. Survey Length:	<u>3.82</u>	miles
b. Proposed Length:	<u>0.00</u>	miles
c. Other Length: *	<u>0.13</u>	miles

* SPUR LENGTH



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Superelevation (Range)	
Grades: %	Grade Positive or Negative
0.00 to 0.25	Positive
0.25 to 0.50	Positive
0.50 to 0.75	Positive
0.75 to 1.00	Positive
1.00 to 1.25	Positive
1.25 to 1.50	Positive
1.50 to 1.75	Positive
1.75 to 2.00	Positive
2.00 to 2.25	Positive
2.25 to 2.50	Positive
2.50 to 2.75	Positive
2.75 to 3.00	Positive
3.00 to 3.25	Positive
3.25 to 3.50	Positive
3.50 to 3.75	Positive
3.75 to 4.00	Positive
4.00 to 4.25	Positive
4.25 to 4.50	Positive
4.50 to 4.75	Positive
4.75 to 5.00	Positive
5.00 to 5.25	Positive
5.25 to 5.50	Positive
5.50 to 5.75	Positive
5.75 to 6.00	Positive
6.00 to 6.25	Positive
6.25 to 6.50	Positive
6.50 to 6.75	Positive
6.75 to 7.00	Positive
7.00 to 7.25	Positive
7.25 to 7.50	Positive
7.50 to 7.75	Positive
7.75 to 8.00	Positive
8.00 to 8.25	Positive
8.25 to 8.50	Positive
8.50 to 8.75	Positive
8.75 to 9.00	Positive
9.00 to 9.25	Positive
9.25 to 9.50	Positive
9.50 to 9.75	Positive
9.75 to 10.00	Positive
10.00 to 10.25	Positive
10.25 to 10.50	Positive
10.50 to 10.75	Positive
10.75 to 11.00	Positive
11.00 to 11.25	Positive
11.25 to 11.50	Positive
11.50 to 11.75	Positive
11.75 to 12.00	Positive
12.00 to 12.25	Positive
12.25 to 12.50	Positive
12.50 to 12.75	Positive
12.75 to 13.00	Positive
13.00 to 13.25	Positive
13.25 to 13.50	Positive
13.50 to 13.75	Positive
13.75 to 14.00	Positive
14.00 to 14.25	Positive
14.25 to 14.50	Positive
14.50 to 14.75	Positive
14.75 to 15.00	Positive
15.00 to 15.25	Positive
15.25 to 15.50	Positive
15.50 to 15.75	Positive
15.75 to 16.00	Positive
16.00 to 16.25	Positive
16.25 to 16.50	Positive
16.50 to 16.75	Positive
16.75 to 17.00	Positive
17.00 to 17.25	Positive
17.25 to 17.50	Positive
17.50 to 17.75	Positive
17.75 to 18.00	Positive
18.00 to 18.25	Positive
18.25 to 18.50	Positive
18.50 to 18.75	Positive
18.75 to 19.00	Positive
19.00 to 19.25	Positive
19.25 to 19.50	Positive
19.50 to 19.75	Positive
19.75 to 20.00	Positive
20.00 to 20.25	Positive
20.25 to 20.50	Positive
20.50 to 20.75	Positive
20.75 to 21.00	Positive
21.00 to 21.25	Positive
21.25 to 21.50	Positive
21.50 to 21.75	Positive
21.75 to 22.00	Positive
22.00 to 22.25	Positive
22.25 to 22.50	Positive
22.50 to 22.75	Positive
22.75 to 23.00	Positive
23.00 to 23.25	Positive
23.25 to 23.50	Positive
23.50 to 23.75	Positive
23.75 to 24.00	Positive
24.00 to 24.25	Positive
24.25 to 24.50	Positive
24.50 to 24.75	Positive
24.75 to 25.00	Positive
25.00 to 25.25	Positive
25.25 to 25.50	Positive
25.50 to 25.75	Positive
25.75 to 26.00	Positive
26.00 to 26.25	Positive
26.25 to 26.50	Positive
26.50 to 26.75	Positive
26.75 to 27.00	Positive
27.00 to 27.25	Positive
27.25 to 27.50	Positive
27.50 to 27.75	Positive
27.75 to 28.00	Positive
28.00 to 28.25	Positive
28.25 to 28.50	Positive
28.50 to 28.75	Positive
28.75 to 29.00	Positive
29.00 to 29.25	Positive
29.25 to 29.50	Positive
29.50 to 29.75	Positive
29.75 to 30.00	Positive
30.00 to 30.25	Positive
30.25 to 30.50	Positive
30.50 to 30.75	Positive
30.75 to 31.00	Positive
31.00 to 31.25	Positive
31.25 to 31.50	Positive
31.50 to 31.75	Positive
31.75 to 32.00	Positive
32.00 to 32.	

Vertical Curve: Start or End Curve Limit

Vertical Curve: Crest or

Terrain: 1 Flat 2 Rolling 3 Mountainous

Soils: 1-Basic, 2-Neutral, 3-Acidic

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2010

HPMS Sections – AADT 2009

HPMS Section

DOD Sections

Census Tracts

Functional Classification

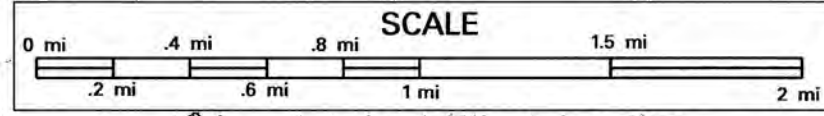
National Highway System (NHS)

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

SCALE: (In Miles) 2" = 1 mile



SCALE: (In Miles) 2" = 1 mile

1.20	END 190 E 0.05 MI. NORTH OF WAIMEA-KOHALA AIRPORT ROAD	190 E (5.02 MI.)	6.22	END 190 D - BEGIN 190 E ON MAMALAHOA HIGHWAY 100' NORTH OF SADDLE ROAD	190 D (7.26 MI.)
------	---	------------------	------	---	------------------

Horizontal Clearance

Project No.	Type of Construction	Year Constructed
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

* MP=Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Previous Projects:	Project No.	Date
--------------------	-------------	------

SCALE: (In Miles) 2" = 1 mile

0	1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	---	----

CONTINUED ON SHEET #2

Sheet 1 of 4 HAWAII RTE 190

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: 38.99 miles
a. Survey Length: 38.99 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections - AADT 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

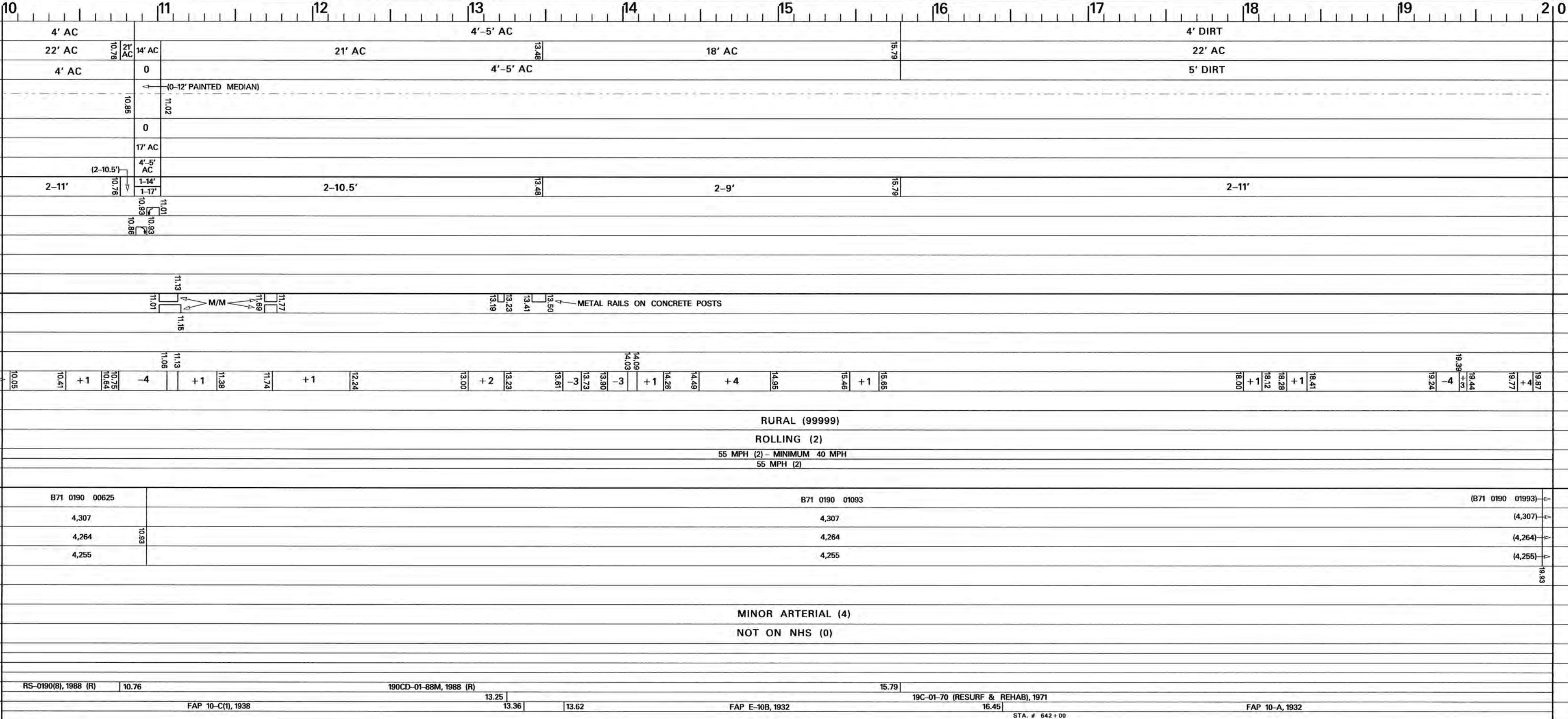
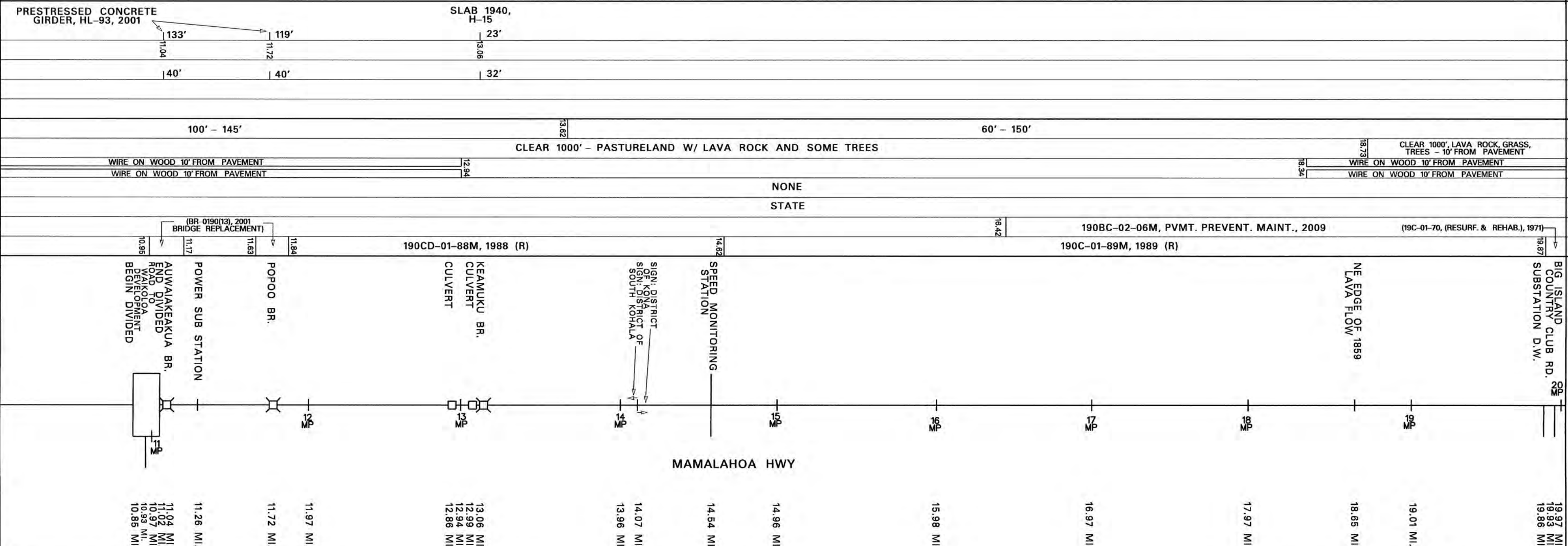
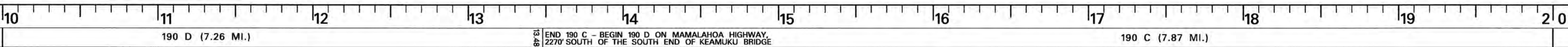
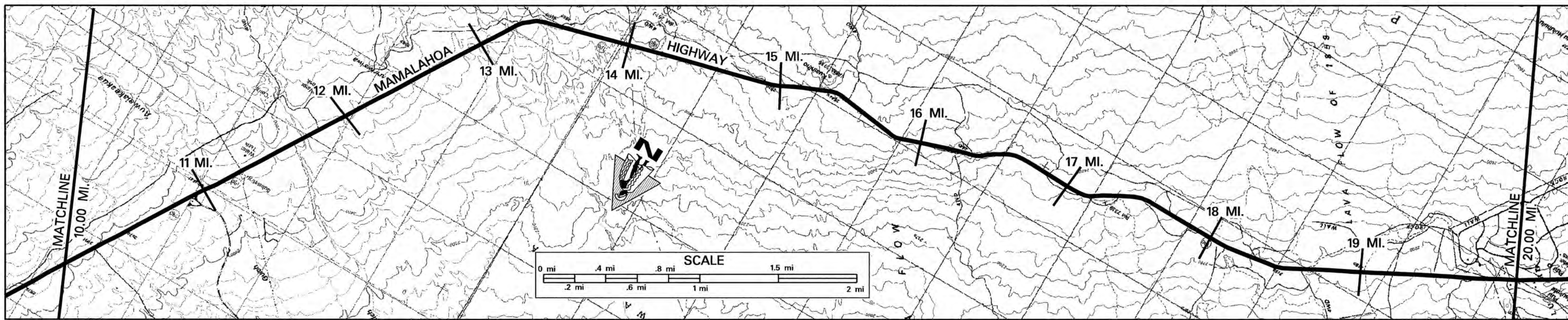
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 2" = 1 mile

Total Route Length:	<u>38.99</u>	miles
a. Survey Length:	<u>38.99</u>	miles
b. Proposed Length:	<u>0.00</u>	miles
c. Other Length: *	<u>0.00</u>	miles

[illegible]

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

Project No. Type of Construction and Year Constructed

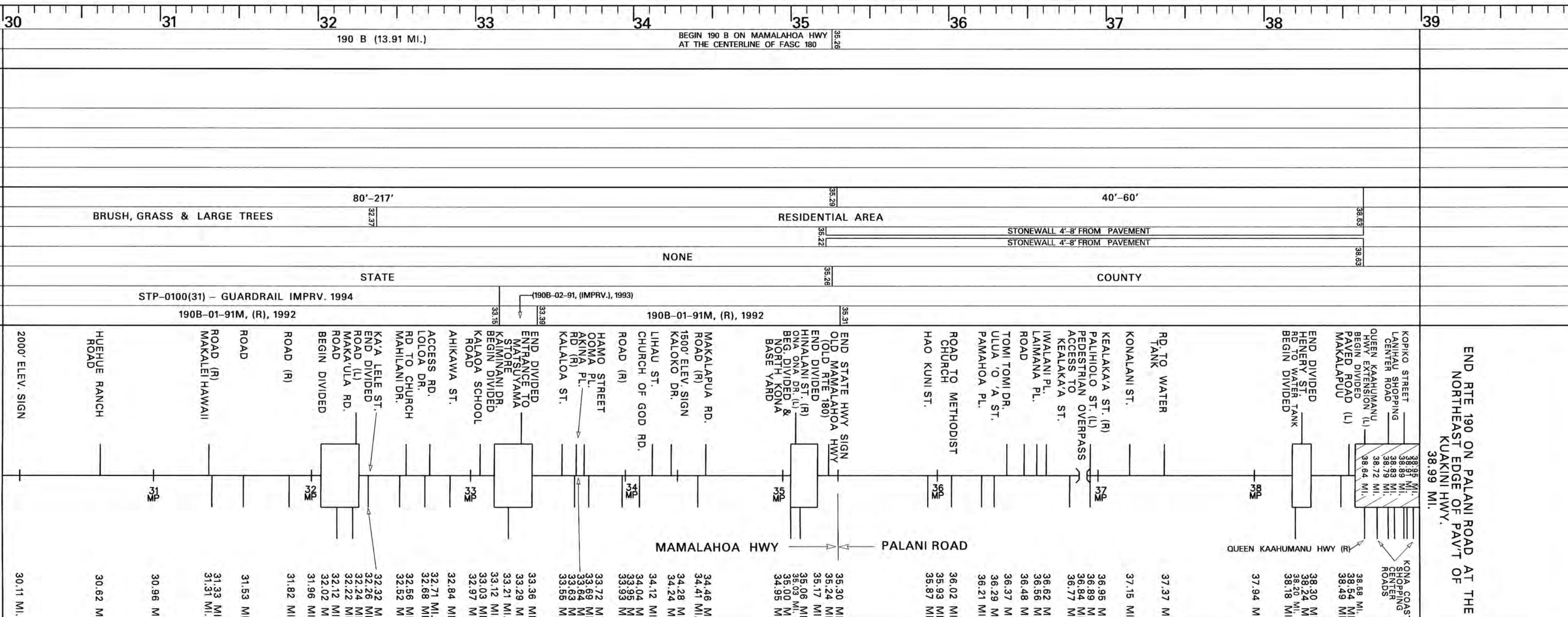
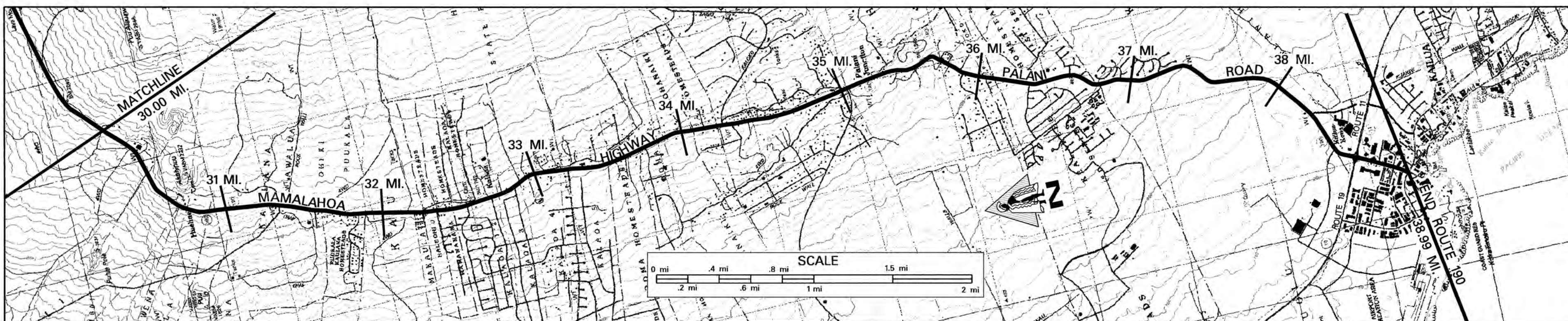
* MP=Milepost Signage

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

Intersection Control Devices: Type, Location and Cycle Timing

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile



CONTINUED FROM SHEET #3

[illegible]

SCALE: (In Miles) 2" = 1 mile

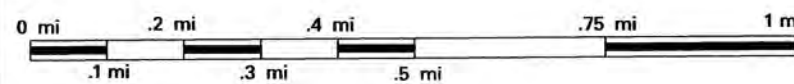
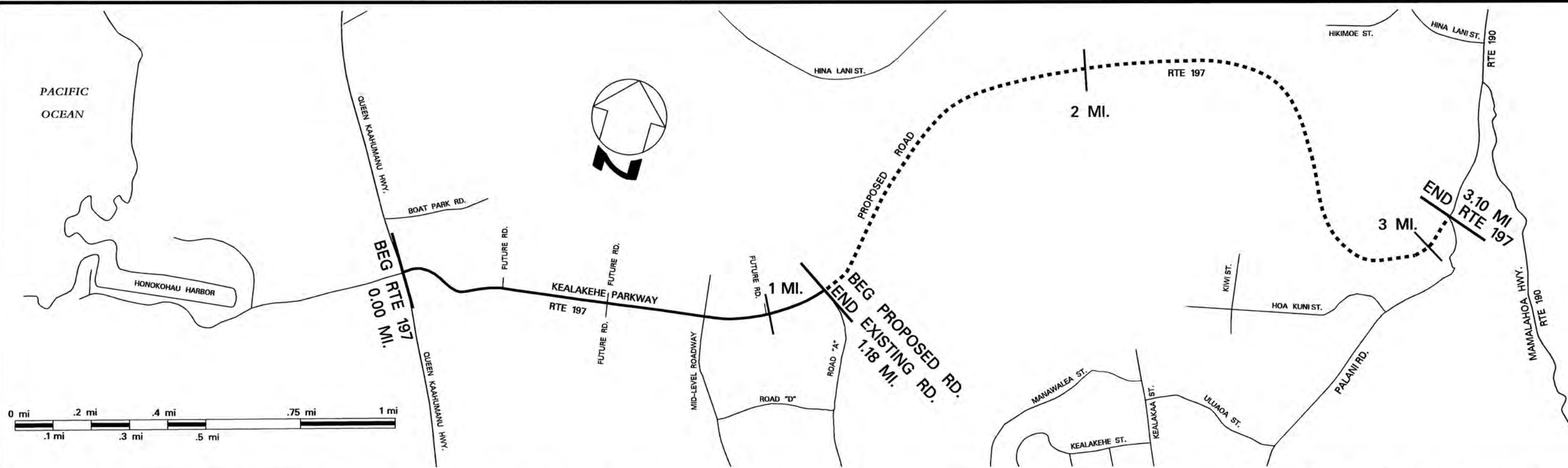
ROAD INVENTORY
HAWAII RTE 197
KEALAKEHE PARKWAY

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 Designated Route Length:	3.10	MILES (a + b)
a. Existing Length:	1.18	MILES
b. Proposed Length:	1.92	MILES
Total Travel Way Length:	1.18	MILES (a + b, less c)
a. Existing Length:	1.18	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

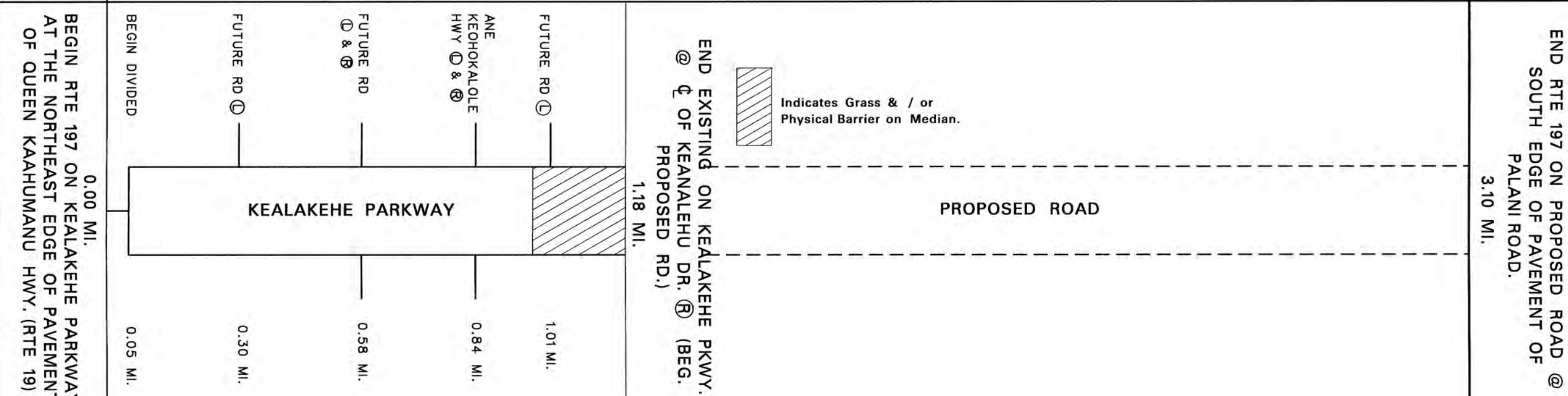
Maintenance Control Sections : Length and Description

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

STATE

Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

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

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

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

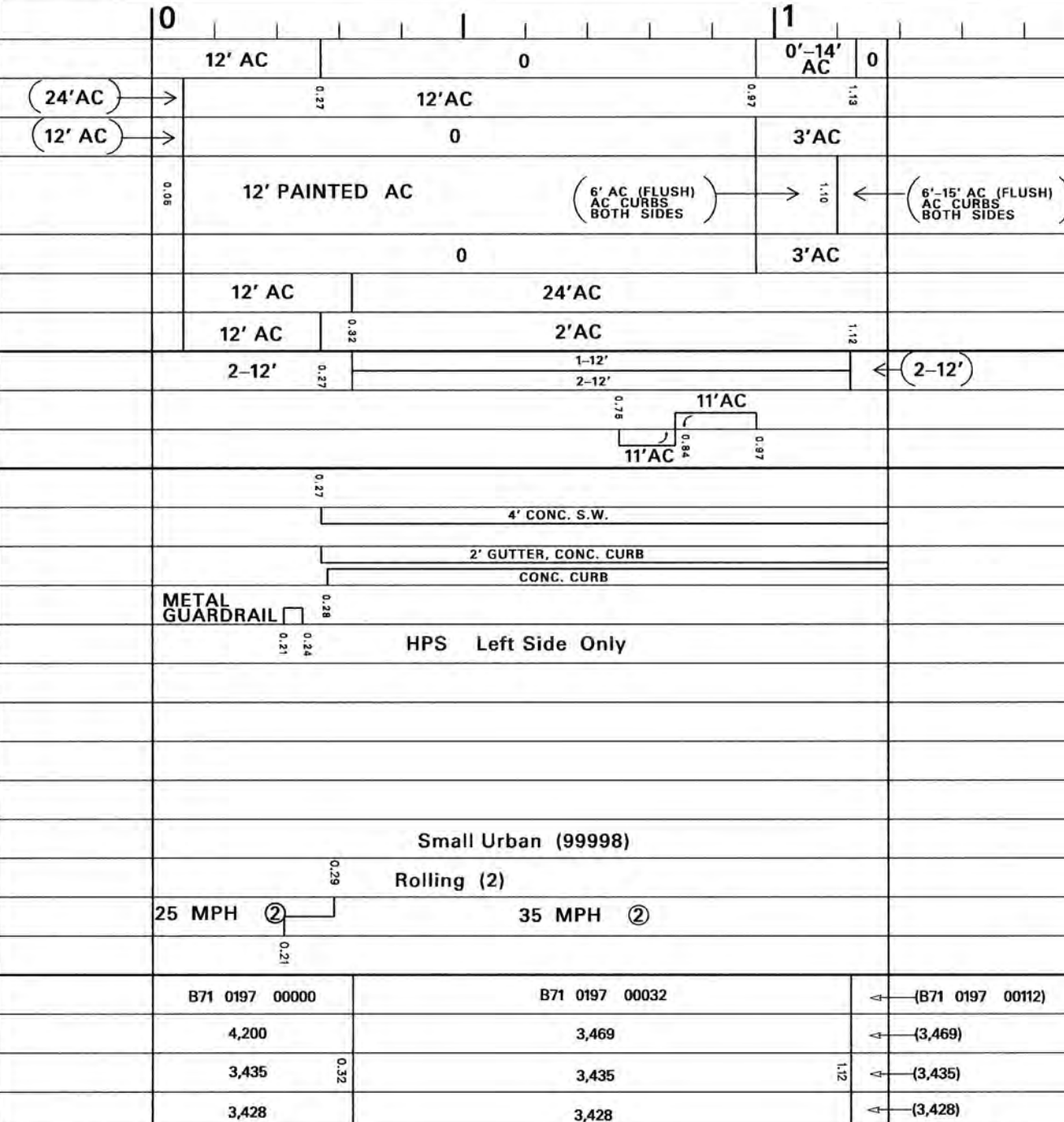
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



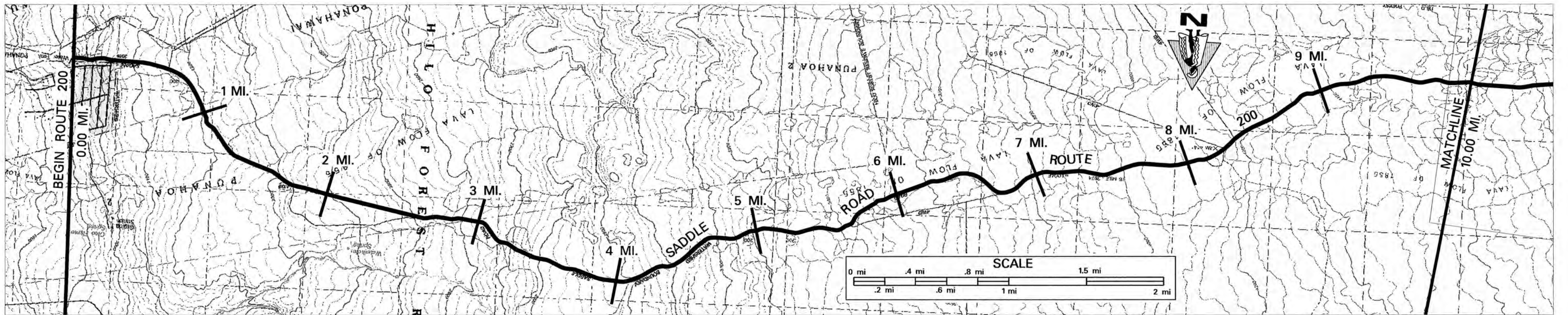
SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY
HAWAII RTE 200
SADDLE ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 44.92 miles
a. Survey Length: 44.92 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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'-150'

Available Right of Way Width (Needs Study)

BUSHES, GRASS & TREES

Right of Way Fence: Type - Right and Left

NONE

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

NONE

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

COUNTY

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

RS-0200(4), COUNTY PROJECT, 1987 (R)

RS-0200(3), COUNTY PROJECT, 1987 (R)

Road Diagram

* MP = Milepost Signage

0.00 MI.
BEGIN RTE 200 ON SADDLE ROAD AT
THE HILLO URBAN BOUNDARY (FOREST
RESERVE SIGN) APPROX 0.17 MI. (1987)
SOUTHEAST OF TRIG STATION

TRIG STATION
ON NAWALE ST.

3.12
HILLO FOREST
RESERVE SIGN

HILLO FOREST
RESERVE SIGN

SADDLE ROAD

0.17 MI.
0.18 MI.

0.9

0.9

1.1

2.2

3.3

4.4

5.5

6.6

7.7

0.17 MI.
0.18 MI.

1.16 MI.

2.24 MI.

3.11 MI.
3.08 MI.

4.10 MI.

5.14 MI.

6.10 MI.

7.09 MI.

8.13 MI.
8.06 MI.

9.18 MI.

SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes

2-10'

2-11'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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

Speed: 1-Design, 2-Posted

(NOT POSTED)

RURAL (99999)

ROLLING (2)

35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B71 0200 00000

B71 0200 00113

HPMS Sections - AADT 2010

1,700

1,019

HPMS Sections - AADT 2009

1,500

1,009

HPMS Sections - AADT 2008

1,007

1,007

DOD Sections

Census Tracts

Functional Classification

MINOR ARTERIAL (4)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

CONTINUED ON SHEET #2

Date
Released
NOV. 05, D.B.

Revised
7/06 D.B.
9/07 D.B.
9/10 D.B.
2/11 D.B.
2/12 D.B.

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: 44.92 miles
a. Survey Length: 44.92 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Divided Highway
Shoulder: Width and Type (--- = 4' FIREBREAK FENCE)
Pavement: Width and Type
Shoulder: Width and Type (--- = 4' FIREBREAK FENCE)
Median: Width and Type
Median Barriers:
Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type (--- = 4' FIREBREAK FENCE)

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

DOD Sections

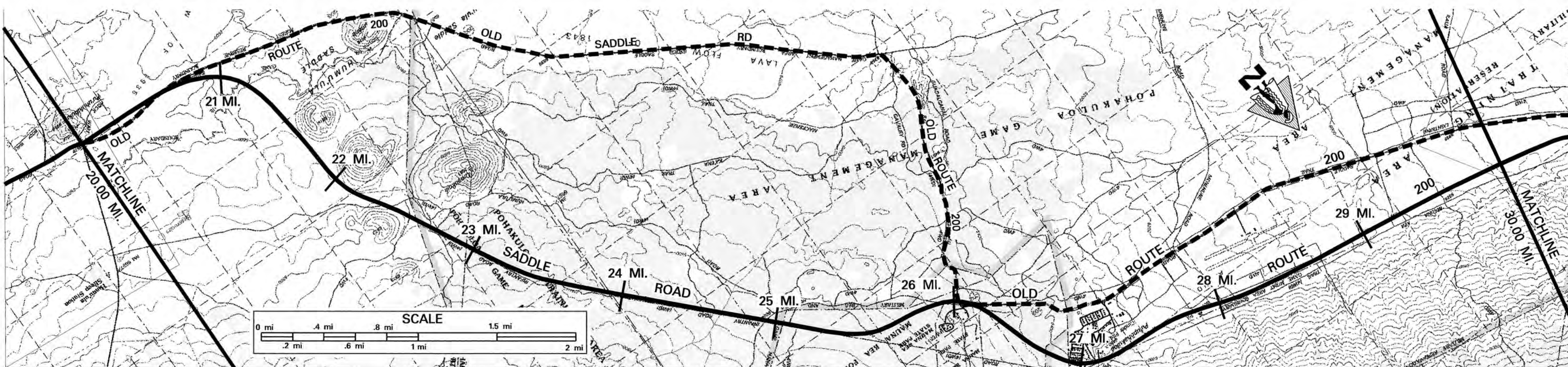
Census Tracts

Functional Classification

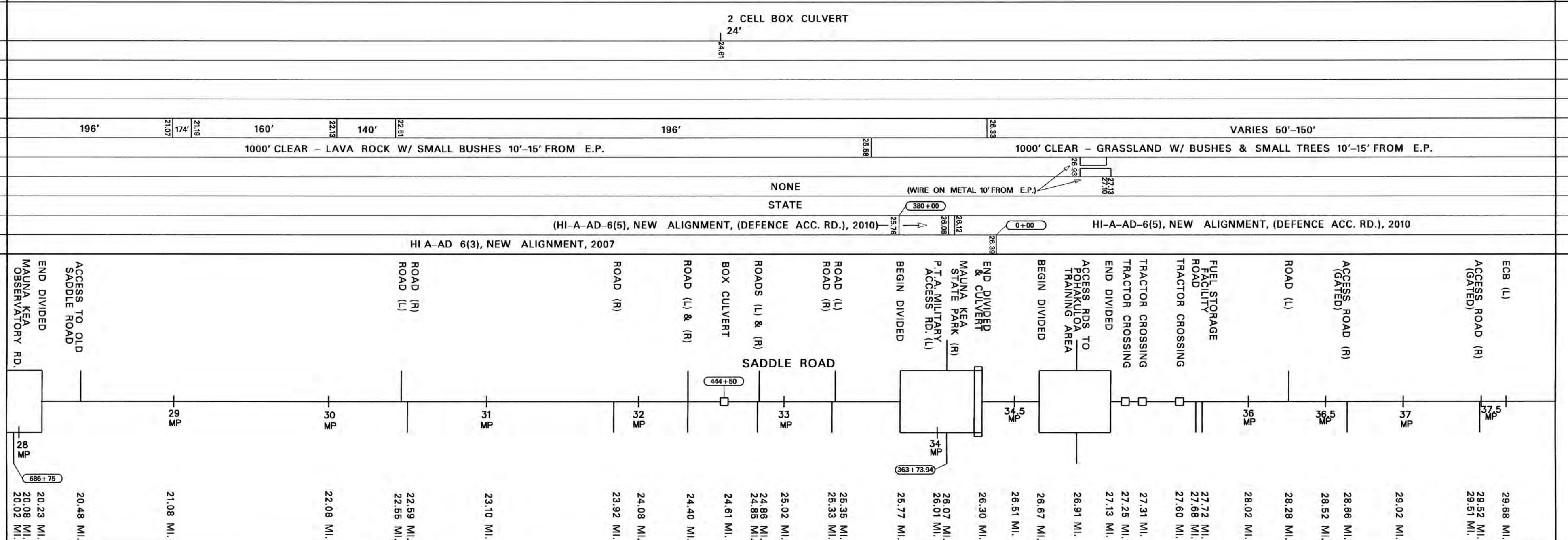
National Highway System (NHS)

Previous Projects: Project No., Date and Limits

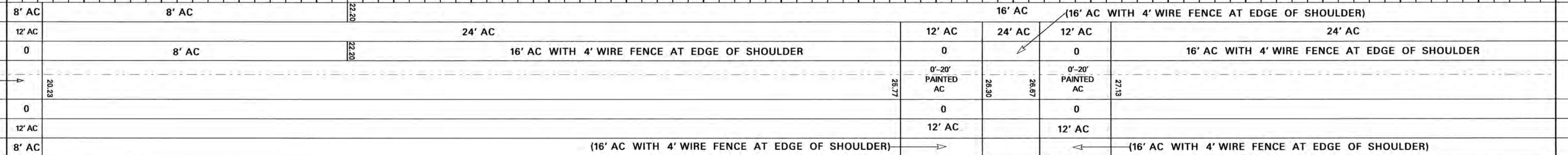
SCALE: (In Miles) 2" = 1 mile



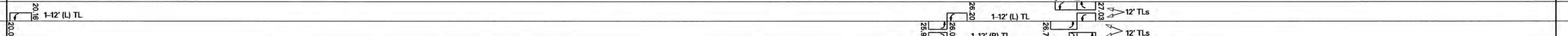
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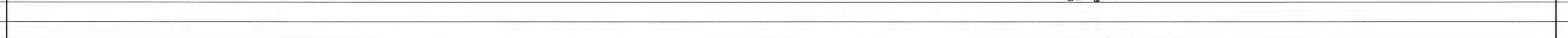
20 21 22 23 24 25 26 27 28 29 30



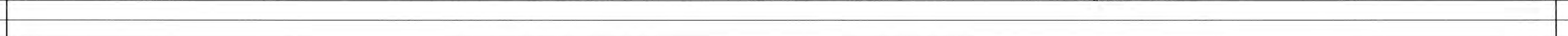
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20 21 22 23 24 25 26 27 28 29 30



20 21 22 23 24 25 26 27 28 29 30



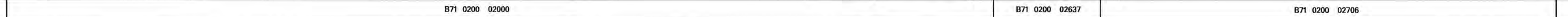
20 21 22 23 24 25 26 27 28 29 30



20 21 22 23 24 25 26 27 28 29 30



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20 21 22 23 24 25 26 27 28 29 30



20 21 22 23 24 25 26 27 28 29 30



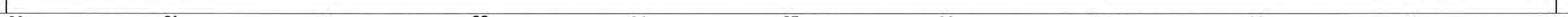
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20 21 22 23 24 25 26 27 28 29 30



20 21 22 23 24 25 26 27 28 29 30



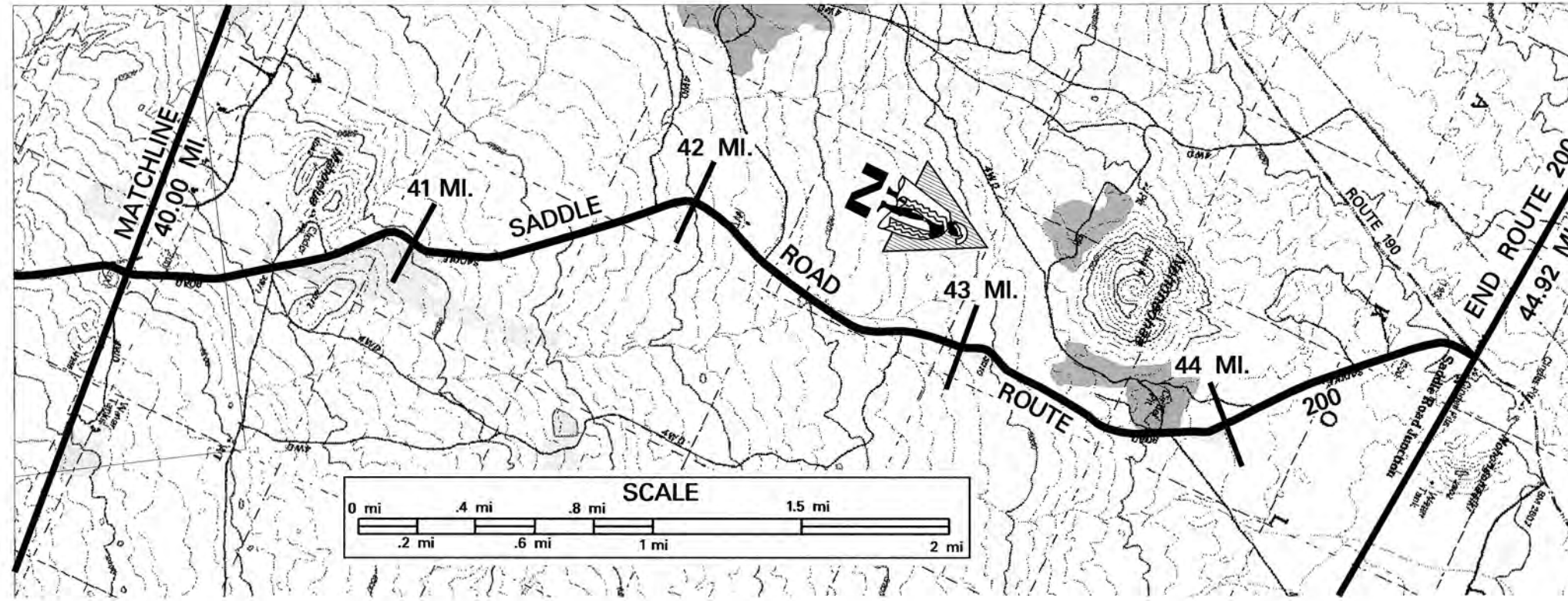
20 21 22 23 24 25 26 27 28 29 30

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: 44.92 miles
a. Survey Length: 44.92 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

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
Undivided	Shoulder: Width and Type
	Shoulder: Width and Type

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sectiona - AADT 2010

HPMS Sectiona - AADT 2009

HPMS Sectiona - AADT 2008

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

HONOMU RD., MAMALAHOA HWY.,
AKAKA FALLS RD.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

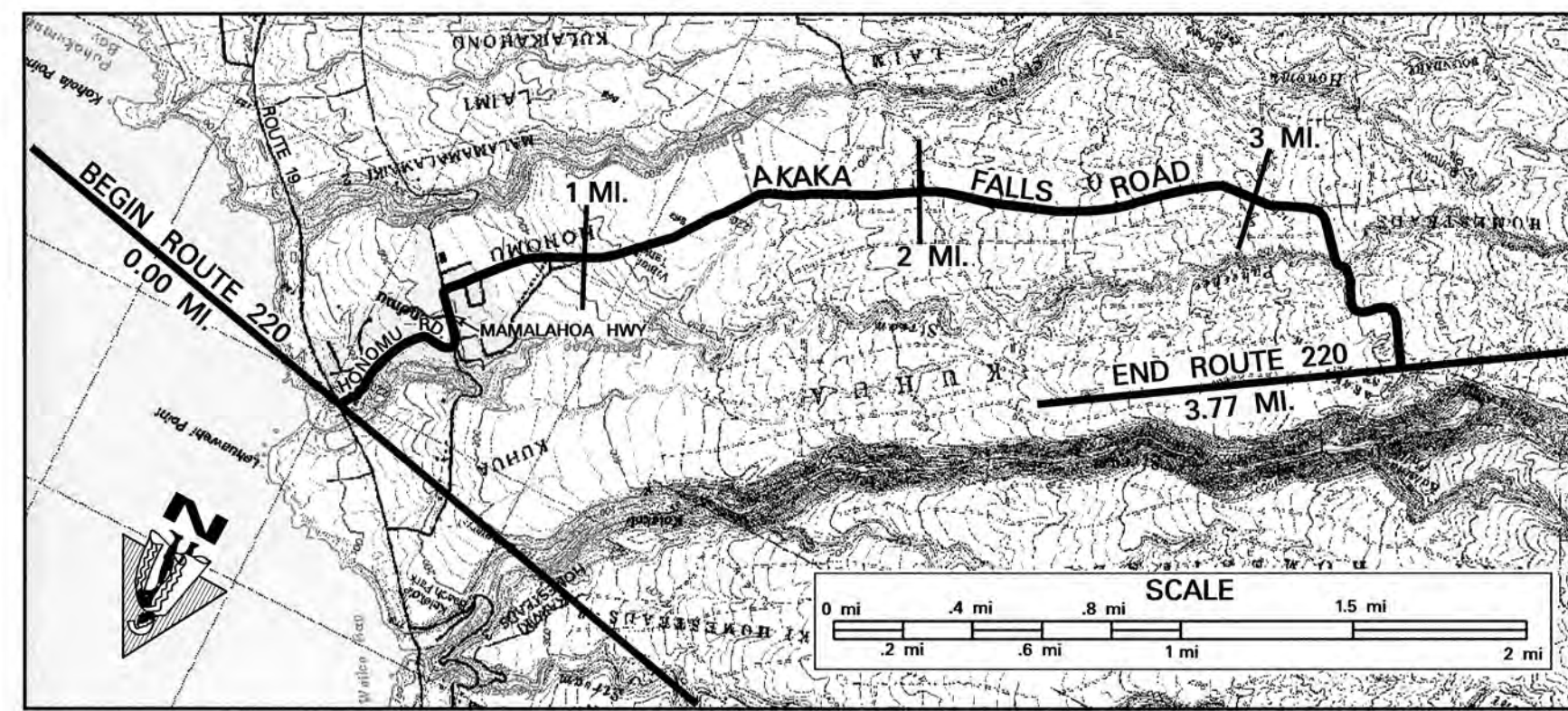
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 3.77 miles

a. Survey Length: 3.77 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description	
1	100' - 150'
2	150' - 200'
3	200' - 250'
4	250' - 300'
5	300' - 350'
6	350' - 400'
7	400' - 450'
8	450' - 500'
9	500' - 550'
10	550' - 600'
11	600' - 650'
12	650' - 700'
13	700' - 750'
14	750' - 800'
15	800' - 850'
16	850' - 900'
17	900' - 950'
18	950' - 1000'

END 220A SAME AS ROUTE	220A (3.76 MI.)	BEG 220A SAME AS ROUTE
------------------------	-----------------	------------------------

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

	SLAB 1927 H16	27
		14

Right of Way Width (min.-max.) if varies		40'-50' ⁰⁻¹³ 80' ⁰⁻¹³ 40' ¹⁻¹⁶	80'
Available Right of Way Width (Needs Study)		RESIDENTIAL AREA ⁰⁻¹³	1000' CLEAR SUGAR CANE FIELD - 15' FROM EDGE OF PAVEMENT
Right of Way Fence: Type - Right and Left			
Control of Access: 1-None, 2-Partial, 3-Full			NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)			STATE
Project No., Type of Construction, and Year Constructed	STA 21+87.59 →	220A-01-03M RESURF 2005 ⁰⁻¹³	220A-01-02M, (R), 2004
Project No., Type of Construction, and Year Constructed			220A-01-90M, 1990

PAEHEHE MAUKA BRIDGE #2

OLD CAMP ROAD

AKAKA FALLS ROAD

AKAKA FALLS RD.

OLD AKAKA FALLS RD.

WATER TANK ELEV. 500' MARKER

OLD AKAKA FALLS RD.

ROAD

ROAD

KALANI LOOP

OLD AKAKA FALLS RD.

OLD AKAKA FALLS RD.

OLD AKAKA FALLS RD.

POST OFFICE RD.

PUA ST.

HONOMULI ROAD

MAMALAHOA HWY

0.00 MI.

0.08 MI.

0.16 MI.

0.24 MI.

0.32 MI.

0.40 MI.

0.48 MI.

0.56 MI.

0.64 MI.

0.72 MI.

0.80 MI.

0.88 MI.

0.96 MI.

1.04 MI.

1.12 MI.

1.20 MI.

1.28 MI.

1.36 MI.

1.44 MI.

1.52 MI.

1.60 MI.

1.68 MI.

1.76 MI.

1.84 MI.

1.92 MI.

2.00 MI.

2.08 MI.

2.16 MI.

2.24 MI.

2.32 MI.

2.40 MI.

2.48 MI.

2.56 MI.

2.64 MI.

2.72 MI.

2.80 MI.

2.88 MI.

2.96 MI.

3.04 MI.

3.12 MI.

3.20 MI.

3.28 MI.

3.36 MI.

3.44 MI.

3.52 MI.

3.60 MI.

3.68 MI.

3.76 MI.

3.77 MI.

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

0.00 MI.

0.00 MI.

RTE 19 HAWAII BELT RD.

HONOLULU ROAD

0.58 MI.

MAMALAHOA HWY

RTE 220

0.69 MI.

AKAKA FALLS ROAD

LOOP

KALANI

0.43 MI.

OLD AKAKA FALLS RD.

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
Divided Highway	Divided	Shoulder: Width and Type
		Pavement: Width and Type

[illegible]

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 ARE METAL ON METAL

Site plan showing parking lanes and dimensions. The plan includes a north arrow pointing towards the top right. Dimensions are indicated in feet: 2-11' (width of the top section), 2-11' (width of the middle section), 2-12' (width of the bottom section), and 2-11' (width of the rightmost section). A label '8' PARKING LANES' is shown with arrows pointing to the parking areas. The plan also shows various building footprints, including a large rectangular building on the left and a smaller one on the right, and a road or driveway on the bottom right.

Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits

[illegible]

Area and Development:
Terrain: 1-Flat, 2-Rolling, 3-Mountainous
Speed: 1-Design, 2-Posted
Intersection Control Devices: Type, Location and Cycle Timing

RURAL (99999)									
ROLLING (2)									
(B71 0220 300x21)									

Traffic Stations (Current Year)
HPMS Sections - AADT 2010
HPMS Sections - AADT 2009
HPMS Sections - AADT 2008

871 0220 00000		871 0220 00058		871 0220 00098
1,200	0.42	1,804	0.89	760
1,786		1,786		1,786
1,782		1,782		1,782

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

MAJOR COLLECTOR (5)
NOT ON NHS (0)

										3.62		[STP-010013], 1994]											
0.48 [S-246-1, 1950] 220A-01-73M, 1978 (R); PMS-010018), UNIT 5																							
0.43 CITY, 0.59 220A-02-72, 1973)										2.69		COUNTY 3.07		A-22-01-61, 1961 3.62		CITY,							
[S-246-1, 1950]										0 + 16		0 + 10		27 + 56		195 + 90		21 + 56		37 + 60		7 + 56	

SCALE: (In Miles) 2" = 1 mile

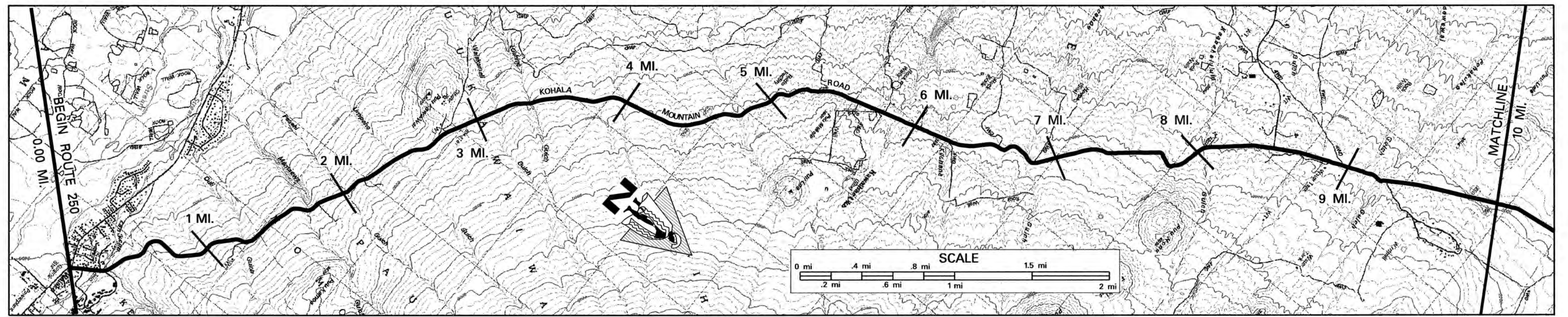
[illegible]

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: 19.28 miles
a. Survey Length: 19.28 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

50' Slab HS 20 1961
31' Culvert H20 1953
136'
118'

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

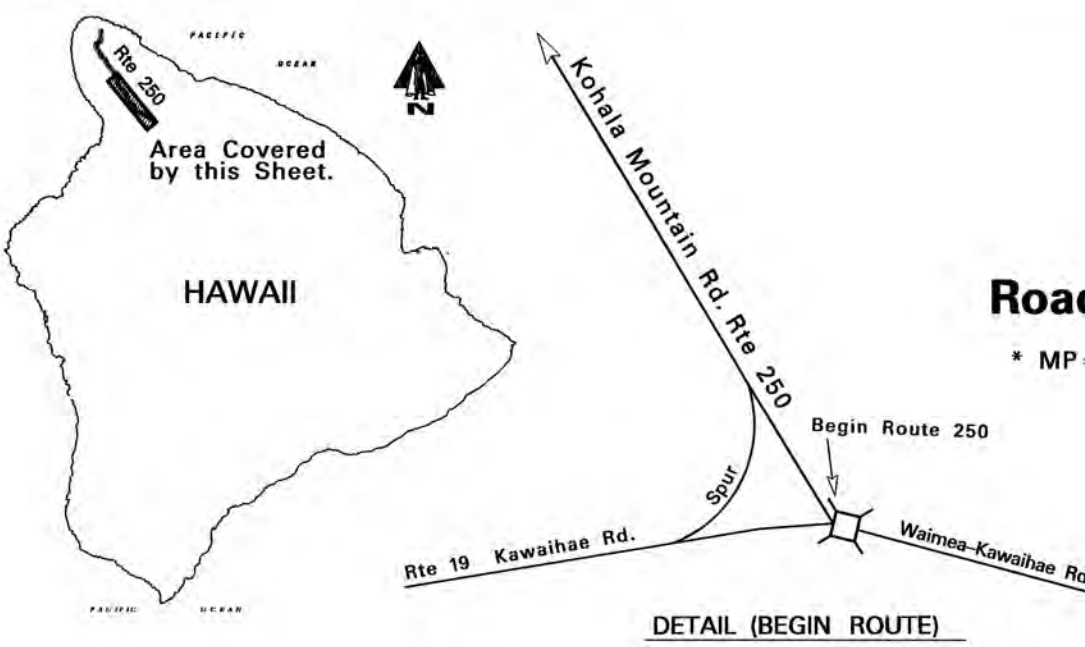
(Stonewall) 60' 80'-120' 80'-130' 80'-145' 80' Estimated 80'-140'
Mountainous Ranch / Pastureland with Trees
W/W 28' E.P. W/W 50' E.P. W/W 10' E.P.
Wire on Wooden Posts 10'-50' from Edge of Pavement
None State
772+34 570+00

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

Project No., Type of Construction, and Year Constructed

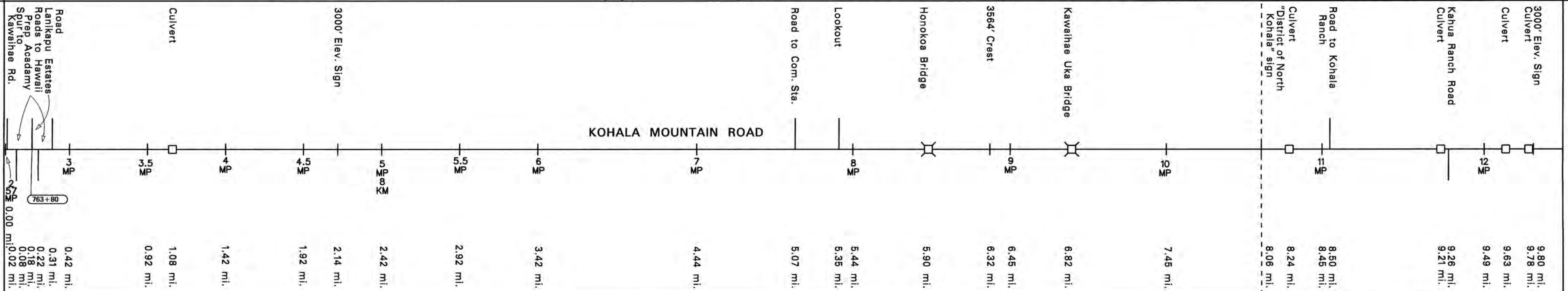
Project No., Type of Construction, and Year Constructed

250A-01-06M, PAV'T REPAIRS, 2011
250A-01-90M (R) 1991
STP-0100 (31), 1994 Guardrail Improv.
250A-01-91M (R) 1992
250A-01-92M (R) 1993



Road Diagram
* MP = Milepost Signage

BEGIN ROUTE 250 ON KOHALA MOUNTAIN ROAD AT THE NORTHWEST CORNER OF PAV'T OF KAWAIIHAE 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
Pavement: Width and Type
Shoulder: Width and Type

0 1 2 3 4 5 6 7 8 9 10
3' AC 18' AC 3' AC 24' AC 18' AC (23' AC) 25' AC 20' AC 18' AC 20' AC
2' AC 2' GRS 2' AC / 2' GRS 2' AC / 2' GRS 2' AC / 4' Grs. 2' AC / 2' Grs.
6' AC 0.21 3.88 4.58 5.34 6.11 6.87 7.64 8.41 9.18

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

2-9' 2-12' 2-9' 2-10' 2-9' 2-10'
Small Urban (99998) Mountainous (3) Rural (99999) Rolling (2)
25 MPH Not Posted 35 MPH
B71 0250 00000 2,200 2,183 2,179
2,282
2,277
177
Major Collector (5)
Not On NHS (0)
250A-01-73, 1973
FAP E-11A, 1932
250A-01-72 (R), 1972
S-239(1) 1954, 56 4.54
4.62 250A-01-75M, 1975 5.35
5.37 S-0250 (1), 1956 6.40
439+06.82
250A-01-72 (R) 1972 8.76
250A-03-72 (R) 1972

SCALE: (In Miles) 2" = 1 mile

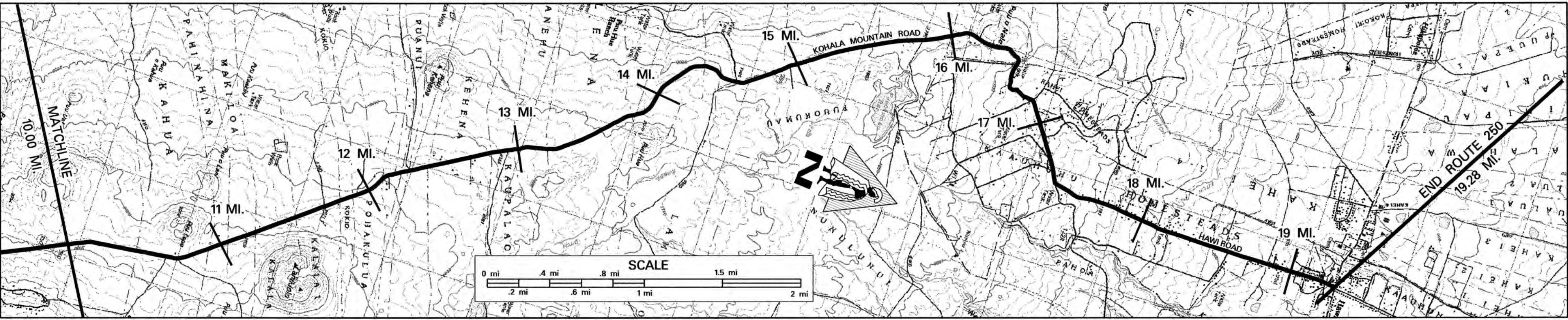
0 1 2 3 4 5 6 7 8 9 10

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: 19.28 miles
a. Survey Length: 19.28 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

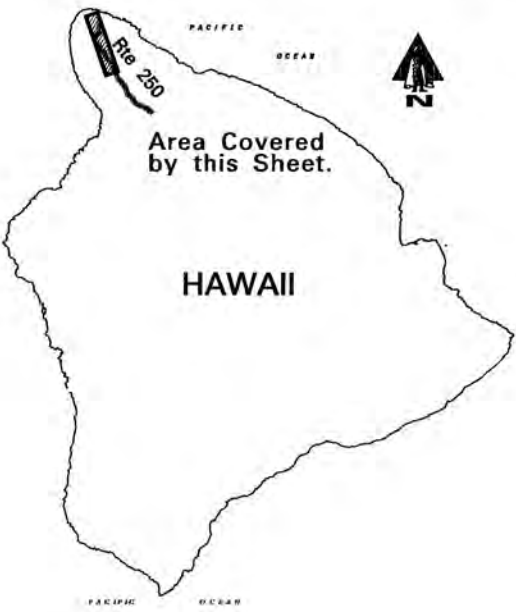


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road
Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Vertical Clearance
Horizontal Clearance
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 W/W-Wire on Wood, E.P.-from Edge of Pavement
Control of Access: 1-None, 2-Partial, 3-Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No., Type of Construction, and Year Constructed



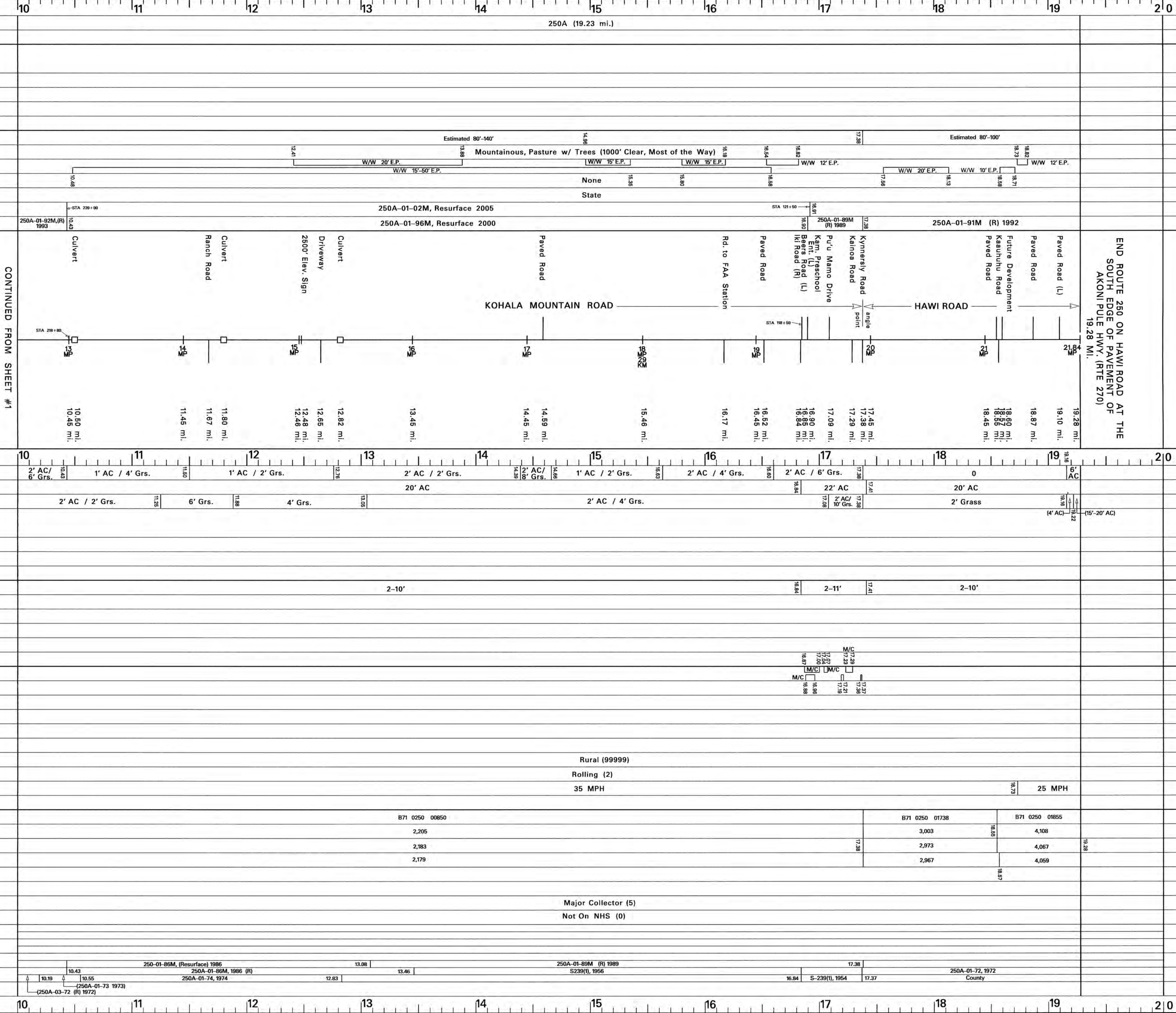
Road Diagram
* MP = Milepost Signage

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 Metal Rail on Metal Post unless otherwise noted.
M/C-Metal Rail on Concrete Post.
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
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 2010
HPMS Sections - AADT 2009
HPMS Sections - AADT 2008
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 2" = 1 mile

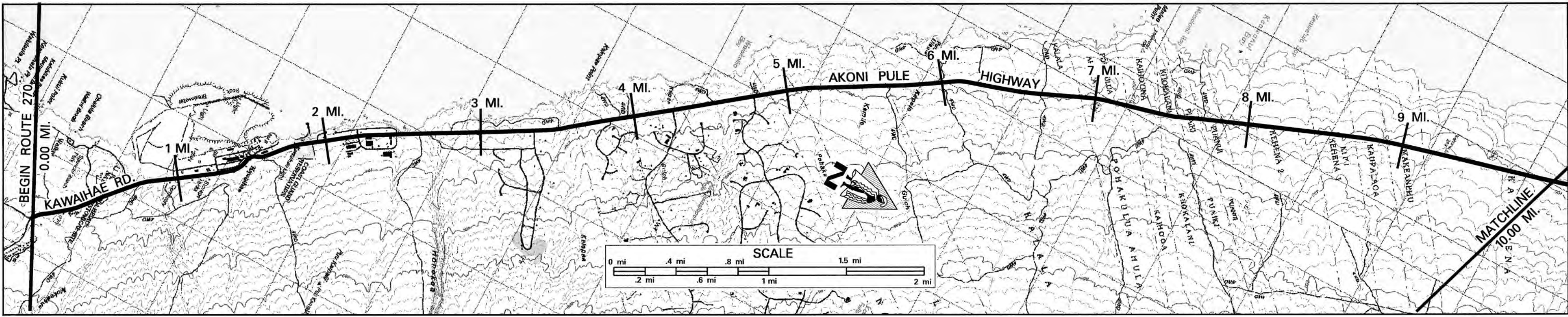
Date Released	Revised
Nov. 2003, D.B.	
7/06 D.B.	
9/10 D.B.	
2/11 D.B.	
2/12 D.B.	

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: 27.02 miles
a. Survey Length: 27.02 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Structure
Carrying
Road

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

Vertical Clearance

Horizontal Clearance

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

Indicates Grass & / or
Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Divided Highway

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

ALL METAL ON CONCRETE

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections - AADT 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

0 1 2 3 4 5 6 7 8 9 10
BEGIN 27A SAME AS BEGIN RTE 270 27 A (1.50 MI.) END 27A BEGIN 270A AT CENTERLINE ROAD TO KAWAIHAE WHARF. 270A (11.44 MI.)

TEE BEAM 1960 HS-20 59' SLAB 1960 HS-20 31' SLAB 1960 HS-20 52' PRESTRESSED BEAM 1965, HS-20 165' 28' 140' 140' 28'

60' - 80' 60' 80' - 180' BRUSH & TREES BRUSH & TREES BRUSH & TREES CLEAR 1000' BUSHES & SMALL TREES (SOME CUT SLOPES) (CHAINLINK 10' FROM E.P.) (STONE WALL 10' FROM E.P.) (STONE WALL 10' FROM PAVMT.) (CHAINLINK 10' FROM PAVMT.) (STONE WALL) NONE STATE (COUNTY TO STATE, PHASE 2) 8.88

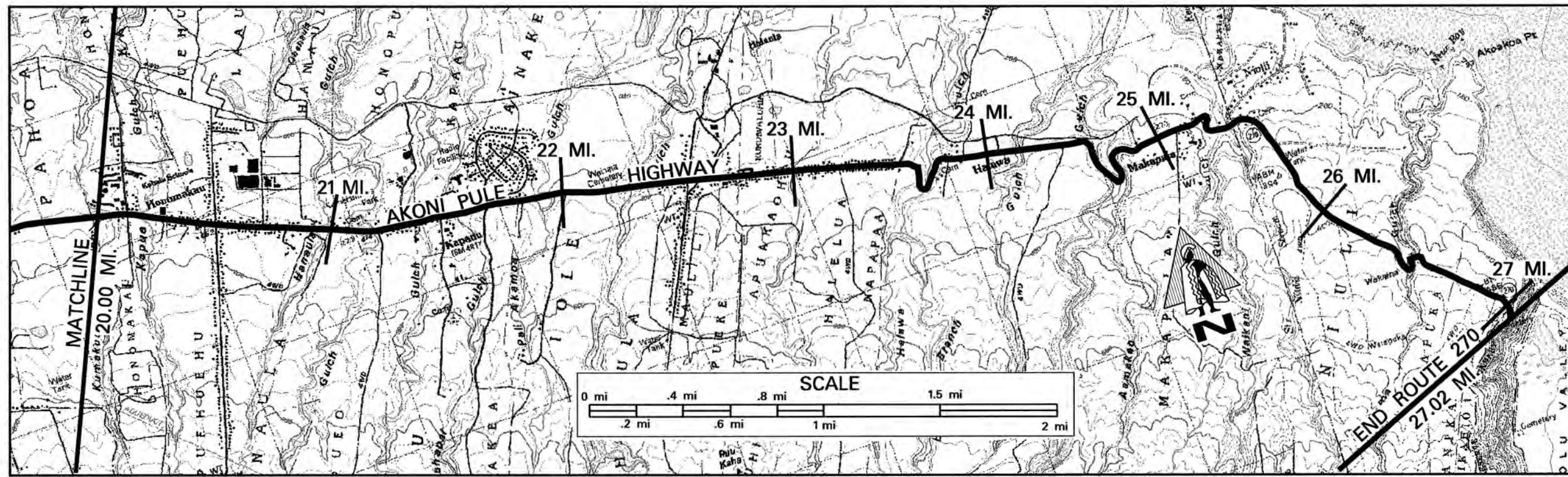
19CD-01-97M, RESURF., 1999 87+50 87+52 87+54 87+56 87+58 87+60 87+62 87+64 87+66 87+68 87+70 87+72 87+74 87+76 87+78 87+80 87+82 87+84 87+86 87+88 87+90 87+92 87+94 87+96 87+98 87+100 87+102 87+104 87+106 87+108 87+110 87+112 87+114 87+116 87+118 87+120 87+122 87+124 87+126 87+128 87+130 87+132 87+134 87+136 87+138 87+140 87+142 87+144 87+146 87+148 87+150 87+152 87+154 87+156 87+158 87+160 87+162 87+164 87+166 87+168 87+170 87+172 87+174 87+176 87+178 87+180 87+182 87+184 87+186 87+188 87+190 87+192 87+194 87+196 87+198 87+200 87+202 87+204 87+206 87+208 87+210 87+212 87+214 87+216 87+218 87+220 87+222 87+224 87+226 87+228 87+230 87+232 87+234 87+236 87+238 87+240 87+242 87+244 87+246 87+248 87+250 87+252 87+254 87+256 87+258 87+260 87+262 87+264 87+266 87+268 87+270 87+272 87+274 87+276 87+278 87+280 87+282 87+284 87+286 87+288 87+290 87+292 87+294 87+296 87+298 87+300 87+302 87+304 87+306 87+308 87+310 87+312 87+314 87+316 87+318 87+320 87+322 87+324 87+326 87+328 87+330 87+332 87+334 87+336 87+338 87+340 87+342 87+344 87+346 87+348 87+350 87+352 87+354 87+356 87+358 87+360 87+362 87+364 87+366 87+368 87+370 87+372 87+374 87+376 87+378 87+380 87+382 87+384 87+386 87+388 87+390 87+392 87+394 87+396 87+398 87+400 87+402 87+404 87+406 87+408 87+410 87+412 87+414 87+416 87+418 87+420 87+422 87+424 87+426 87+428 87+430 87+432 87+434 87+436 87+438 87+440 87+442 87+444 87+446 87+448 87+450 87+452 87+454 87+456 87+458 87+460 87+462 87+464 87+466 87+468 87+470 87+472 87+474 87+476 87+478 87+480 87+482 87+484 87+486 87+488 87+490 87+492 87+494 87+496 87+498 87+500 87+502 87+504 87+506 87+508 87+510 87+512 87+514 87+516 87+518 87+520 87+522 87+524 87+526 87+528 87+530 87+532 87+534 87+536 87+538 87+540 87+542 87+544 87+546 87+548 87+550 87+552 87+554 87+556 87+558 87+560 87+562 87+564 87+566 87+568 87+570 87+572 87+574 87+576 87+578 87+580 87+582 87+584 87+586 87+588 87+590 87+592 87+594 87+596 87+598 87+600 87+602 87+604 87+606 87+608 87+610 87+612 87+614 87+616 87+618 87+620 87+622 87+624 87+626 87+628 87+630 87+632 87+634 87+636 87+638 87+640 87+642 87+644 87+646 87+648 87+650 87+652 87+654 87+656 87+658 87+660 87+662 87+664 87+666 87+668 87+670 87+672 87+674 87+676 87+678 87+680 87+682 87+684 87+686 87+688 87+690 87+692 87+694 87+696 87+698 87+700 87+702 87+704 87+706 87+708 87+710 87+712 87+714 87+716 87+718 87+720 87+722 87+724 87+726 87+728 87+730 87+732 87+734 87+736 87+738 87+740 87+742 87+744 87+746 87+748 87+750 87+752 87+754 87+756 87+758 87+760 87+762 87+764 87+766 87+768 87+770 87+772 87+774 87+776 87+778 87+780 87+782 87+784 87+786 87+788 87+790 87+792 87+794 87+796 87+798 87+800 87+802 87+804 87+806 87+808 87+810 87+812 87+814 87+816 87+818 87+820 87+822 87+824 87+826 87+828 87+830 87+832 87+834 87+836 87+838 87+840 87+842 87+844 87+846 87+848 87+850 87+852 87+854 87+856 87+858 87+860 87+862 87+864 87+866 87+868 87+870 87+872 87+874 87+876 87+878 87+880 87+882 87+884 87+886 87+888 87+890 87+892 87+894 87+896 87+898 87+900 87+902 87+904 87+906 87+908 87+910 87+912 87+914 87+916 87+918 87+920 87+922 87+924 87+926 87+928 87+930 87+932 87+934 87+936 87+938 87+940 87+942 87+944 87+946 87+948 87+950 87+952 87+954 87+956 87+958 87+960 87+962 87+964 87+966 87+968 87+970 87+972 87+974 87+976 87+978 87+980 87+982 87+984 87+986 87+988 87+990 87+992 87+994 87+996 87+998 87+1000 87+1002 87+1004 87+1006 87+1008 87+1010 87+1012 87+1014 87+1016 87+1018 87+1020 87+1022 87+1024 87+1026 87+1028 87+1030 87+1032 87+1034 87+1036 87+1038 87+1040 87+1042 87+1044 87+1046 87+1048 87+1050 87+1052 87+1054 87+1056 87+1058 87+1060 87+1062 87+1064 87+1066 87+1068 87+1070 87+1072 87+1074 87+1076 87+1078 87+1080 87+1082 87+1084 87+1086 87+1088 87+1090 87+1092 87+1094 87+1096 87+1098 87+1100 87+1102 87+1104 87+1106 87+1108 87+1110 87+1112 87+1114 87+1116 87+1118 87+1120 87+1122 87+1124 87+1126 87+1128 87+1130 87+1132 87+1134 87+1136 87+1138 87+1140 87+1142 87+1144 87+1146 87+1148 87+1150 87+1152 87+1154 87+1156 87+1158 87+1160 87+1162 87+1164 87+1166 87+1168 87+1170 87+1172 87+1174 87+1176 87+1178 87+1180 87+1182 87+1184 87+1186 87+1188 87+1190 87+1192 87+1194 87+1196 87+1198 87+1200 87+1202 87+1204 87+1206 87+1208 87+1210 87+1212 87+1214 87+1216 87+1218 87+1220 87+1222 87+1224 87+1226 87+1228 87+1230 87+1232 87+1234 87+1236 87+1238 87+1240 87+1242 87+1244 87+1246 87+1248 87+1250 87+1252 87+1254 87+1256 87+1258 87+1260 87+1262 87+1264 87+1266 87+1268 87+1270 87+1272 87+1274 87+1276 87+1278 87+1280 87+1282 87+1284 87+1286 87+1288 87+1290 87+1292 87+1294 87+1296 87+1298 87+1300 87+1302 87+1304 87+1306 87+1308 87+1310 87+1312 87+1314 87+1316 87+1318 87+1320 87+1322 87+1324 87+1326 87+1328 87+1330 87+1332 87+1334 87+1336 87+1338 87+1340 87+1342 87+1344 87+1346 87+1348 87+1350 87+1352 87+1354 87+1356 87+1358 87+1360 87+1362 87+1364 87+1366 87+1368 87+1370 87+1372 87+1374 87+1376 87+1378 87+1380 87+1382 87+1384 87+1386 87+1388 87+1390 87+1392 87+1394 87+1396 87+1398 87+1400 87+1402 87+1404 87+1406 87+1408 87+1410 87+1412 87+1414 87+1416 87+1418 87+1420 87+1422 87+1424 87+1426 87+1428 87+1430 87+1432 87+1434 87+1436 87+1438 87+1440 87+1442 87+1444 87+1446 87+1448 87+1450 87+1452 87+1454 87+1456 87+1458 87+1460 87+1462 87+1464 87+1466 87+1468 87+1470 87+1472 87+1474 87+1476 87+1478 87+1480 87+1482 87+1484 87+1486 87+1488 87+1490 87+1492 87+1494 87+1496 87+1498 87+1500 87+1502 87+1504 87+1506 87+1508 87+1510 87+1512 87+1514 87+1516 87+1518 87+1520 87+1522 87+1524 87+1526 87+1528 87+1530 87+1532 87+1534 87+1536 87+1538 87+1540 87+1542 87+1544 87+1546 87+1548 87+1550 87+1552 87+1554 87+1556 87+1558 87+1560 87+1562 87+1564 87+1566 87+1568 87+1570 87+1572 87+1574 87+1576 87+1578 87+1580 87+1582 87+1584 87+1586 87+1588 87+1590 87+1592 87+1594 87+1596 87+1598 87+1600 87+1602 87+1604 87+1606 87+1608 87+1610 87+1612 87+1614 87+1616 87+1618 87+1620 87+1622 87+1624 87+1626 87+1628 87+1630 87+1632 87+1634 87+1636 87+1638 87+1640 87+1642 87+1644 87+1646 87+1648 87+1650 87+1652 87+1654 87+1656 87+1658 87+1660 87+1662 87+1664 87+1666 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87+1918 87+1920 87+1922 87+1924 87+1926 87+1928 87+1930 87+1932 87+1934 87+1936 87+1938 87+1940 87+1942 87+1944 87+1946 87+1948 87+1950 87+1952 87+1954 87+1956 87+1958 87+1960 87+1962 87+1964 87+1966 87+1968 87+1970 87+1972 87+1974 87+1976 87+1978 87+1980 87+1982 87+1984 87+1986 87+1988 87+1990 87+1992 87+1994 87+1996 87+1998 87+2000 87+2002 87+2004 87+2006 87+2008 87+2010 87+2012 87+2014 87+2016 87+2018 87+2020 87+2022 87+2024 87+2026 87+2028 87+2030 87+2032 87+2034 87+2036 87+2038 87+2040 87+2042 87+2044 87+2046 87+2048 87+2050 87+2052 87+2054 87+2056 87+2058 87+2060 87+2062 87+2064 87+2066 87+2068 87+2070 87+2072 87+2074 87+2076 87+2078 87+2080 87+2082 87+2084 87+2086 87+2088 87+2090 87+2092 87+2094 87+2096 87+2098 87+2100 87+2102 87+2104 87+2106 87+2108 87+2110 87+2112 87+2114 87+2116 87+2118 87+2120 87+2122 87+2124 87+2126 87+2128 87+2130 87+2132 87+2134 87+2136 87+2138 87+2140 87+2142 87+2144 87+2146 87+2148 87+2150 87+2152 87+2154 87+2156 87+2158 87+2160 87+2162 87+2164 87+2166 87+2168 87+2170 87+2172 87+2174 87+2176 87+2178 87+2180 87+2182 87+2184 87+2186 87+2188 87+2190 87+2192 87+2194 87+2196 87+2198 87+2200 87+2202 87+2204 87+2206 87+2208 87+2210 87+2212 87+2214 87+2216 87+2218 87+2220 87+2222 87+2224 87+2226 87+2228 87+2230 87+2232 87+2234 87+2236 87+2238 87+2240 87+2242 87+2244 87+2246 87+2248 87+2250 87+2252 87+2254 87+2256 87+2258 87+2260 87+2262 87+2264 87+2266 87+2268 87+2270 87+2272 87+2274 87+2276 87+2278 87+2280 87+2282 87+2284 87+2286 87+2288 87+2290 87+2292 87+2294 87+2296 87+2298 87+2300 87+2302 87+2304 87+2306 87+2308 87+2310 87+2312 87+2314 87+2316 87+2318 87+2320 87+2322 87+2324 87+2326 87+2328 87+2330 87+2332 87+2334 87+2336 87+2338 87+2340 87+2342 87+2344 87+2346 87+2348 87+2350 87+2352 87+2354 87+2356 87+2358 87+2360 87+2362 87+2364 87+2366 87+2368 87+2370 87+2372 87+2374 87+2376 87+2378 87+2380 87+2382 87+2384 87+2386 87+2388 87+2390 87+2392 87+2394 87+2396 87+2398 87+2400 87+2402 87+2404 87+2406 87+2408 87+2410 87+2412 87+2414 87+2416 87+2418 87+2420 87+2422 87+2424 87+2426 87+2428 87+2430 87+2432 87+2434 87+2436 87+2438 87+2440 87+2442 87+2444 87+2446 87+2448 87+2450 87+2452 87+2454 87+2456 87+2458 87+2460 87+2462 87+2464 87+2466 87+2468 87+2470 87+2472 87+2474 87+2476 87+2478 87+2480 87+2482 87+2484 87+2486 87+2488 87+2490 87+2492 87+2494 87+2496 87+2498 87+2500 87+2502 87+2504 87+2506 87+2508 87+2510 87+2512 87+2514

ROAD INVENTORY
HAWAII RTE 270
AKONI PULE HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 27.02 miles
a. Survey Length: 27.02 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

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

Number of Traffic Lanes

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

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Grades: % Grade, Positive or Negative

HOV Lanes/Contra-Flow Lanes

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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

Speed: 1-Design, 2-Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections - AADT 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

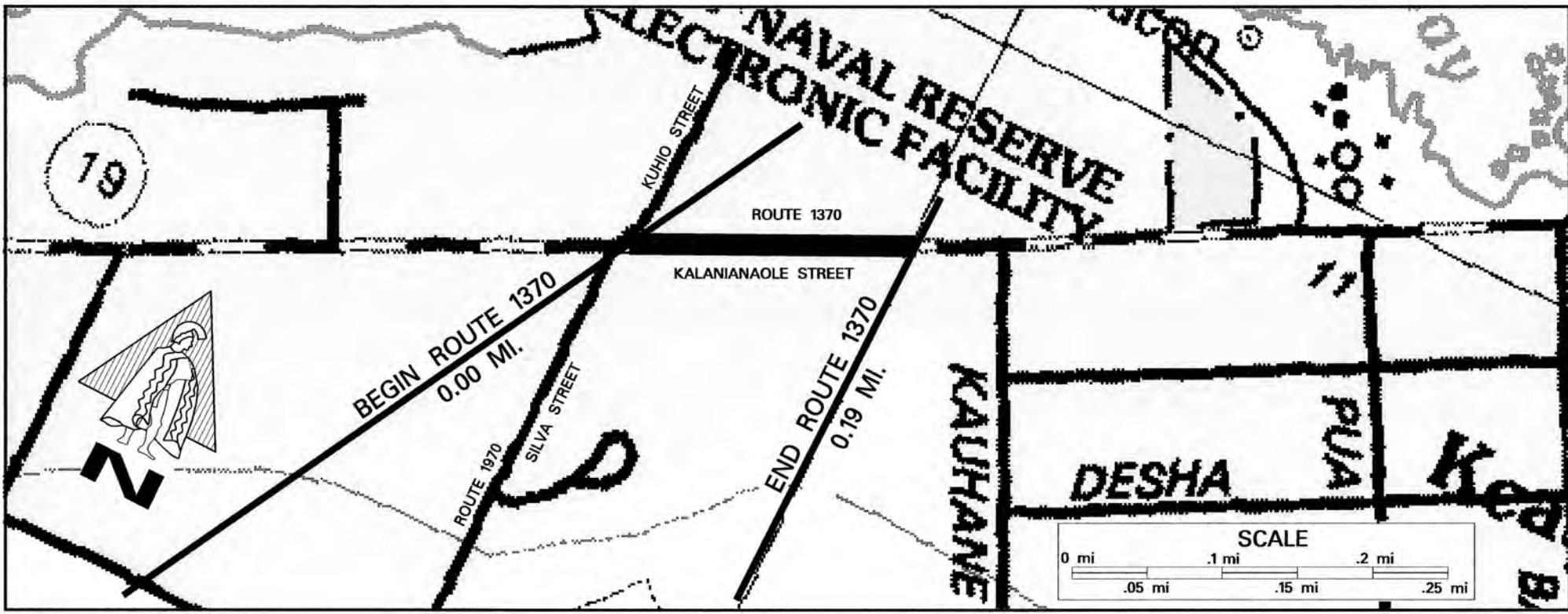
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
HAWAII RTE 1370
KALANIANA'OLE STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 0.19 miles
a. Survey Length: 0.19 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 20" = 1 mile

Maintenance Control Sections : Length and Description

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

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

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

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

Spur
Begin Divided
KALANIANA'OLE STREET
0.00 MI.
0.01 MI.
0.11 MI.

END ROUTE 1370 AT WEST
EDGE OF PAVEMENT OF 2ND (EAST)
HILO HARBOR ENTRANCE DRIVEWAY.
0.19 MI.

SCALE: (In Miles) 20" = 1 mile

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

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)

Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
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 2010

HPMS Sections - AADT 2009

HPMS Sections - AADT 2008

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

4' AC
26' AC
4' AC
0.11
0-11' PAINTED AC
0
11' AC
4' AC
2-13'
2-11'

9' T.L.
4' Conc. S.W.
4' Conc. Curb
Plastic Barrier
0.05
0.11
0.15
0.16
1 Luminaire

Small Urban (99998)

Flat (1)

35 MPH (2)
Not Posted
35 MPH (2)

B71 1370 00000

11,800

9,803

9,783

Principal Arterial (3)

On NHS (1)

SCALE: (In Miles) 20" = 1 mile

0.0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

Date
Released
MAR. 05, D.B.

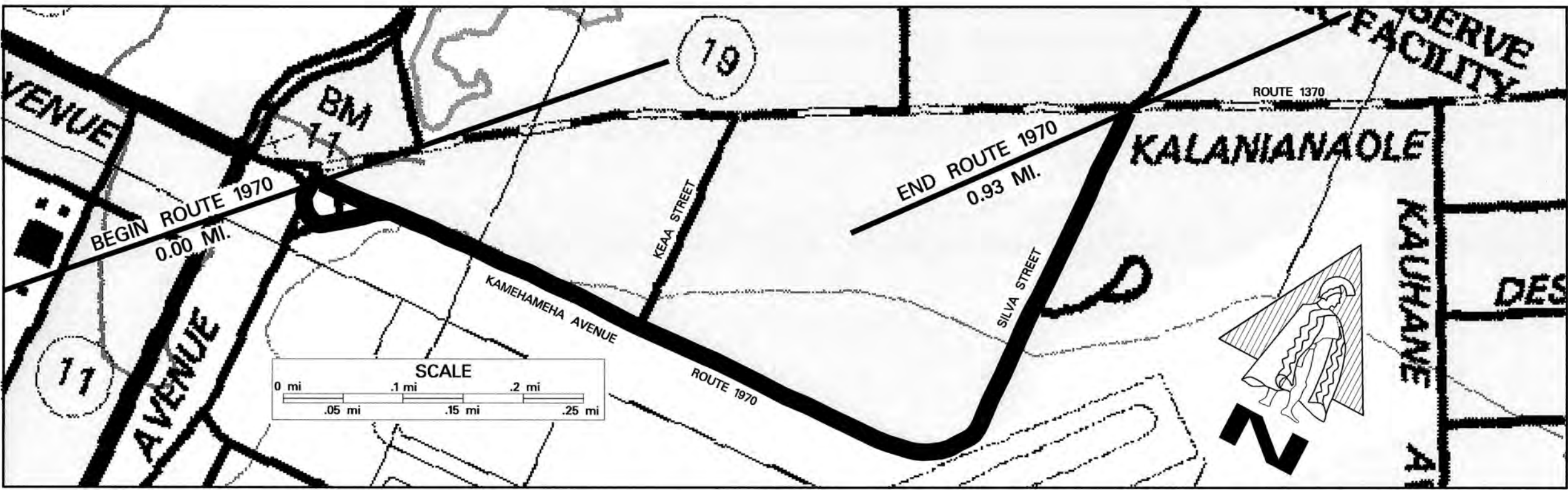
Revised
7/06 D.B.
9/10 D.B.
2/11 D.B.
2/12 D.B.

ROAD INVENTORY
HAWAII RTE 1970
KAMEHAMEHA AVE., SILVA ST.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 0.93 miles
a. Survey Length: 0.93 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 20" = 1 mile

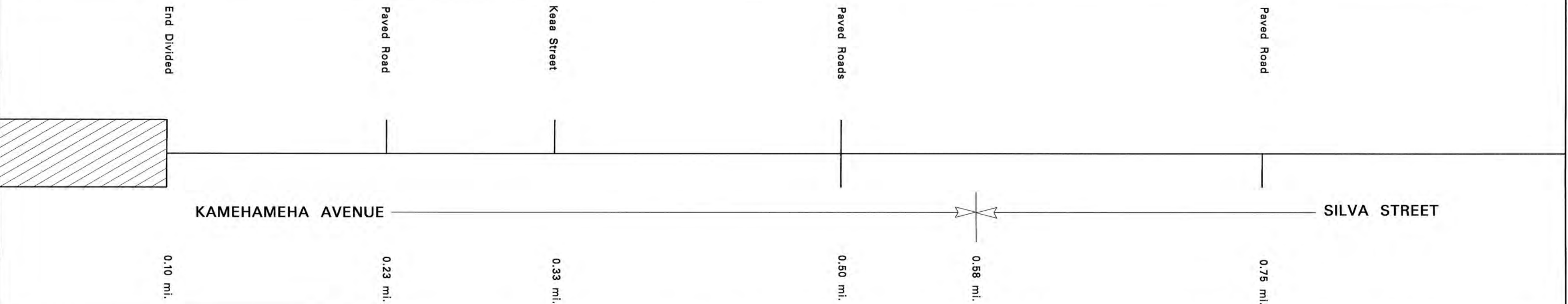
Maintenance Control Sections : Length and Description

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

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

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

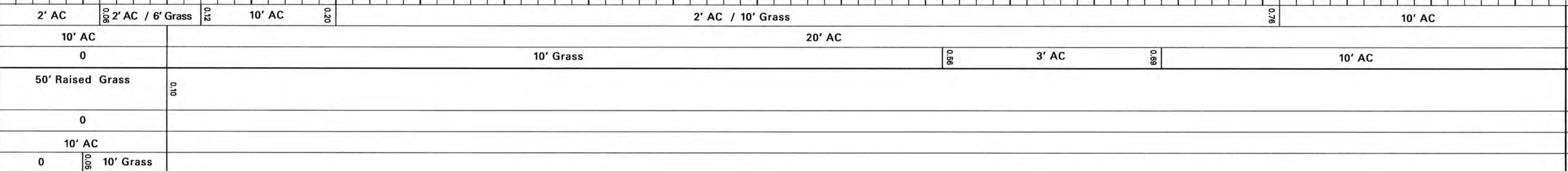
BEGIN ROUTE 1970 AT THE SOUTHEAST
EDGE OF PAVEMENT OF TRAFFIC CIRCLE
ON KAMEHAMEHA AVENUE
0.00 MI.



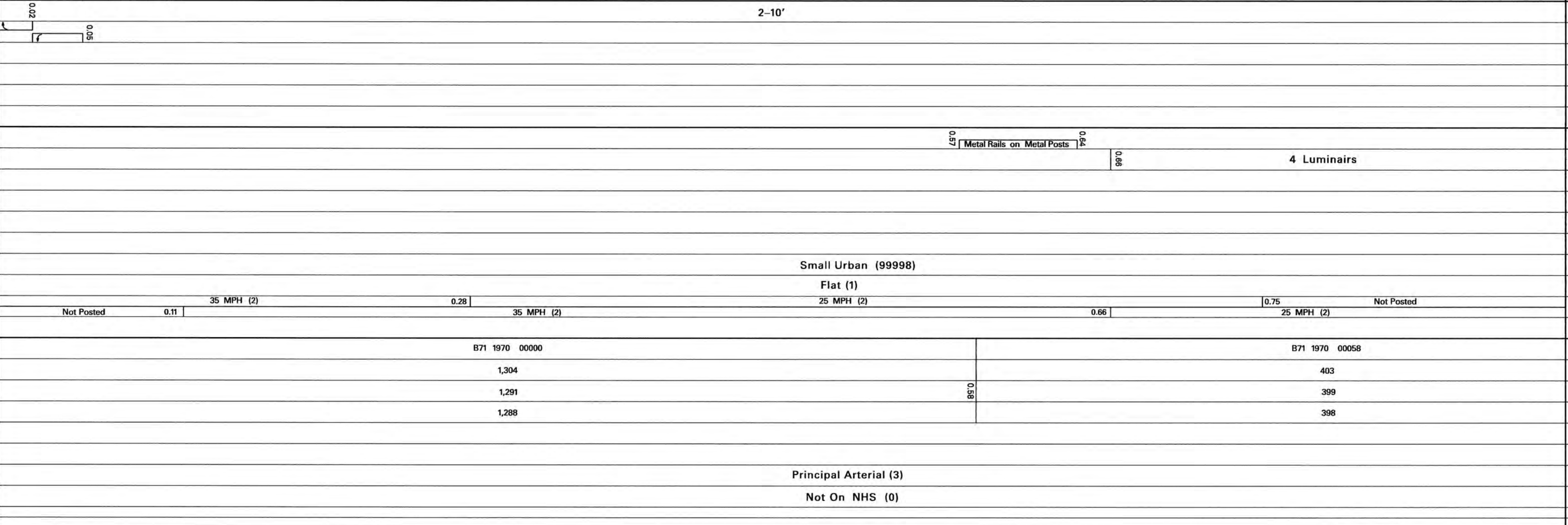
END ROUTE 1970 ON SILVA STREET
AT THE SOUTH EDGE OF PAVEMENT
OF KALANIANA'OLE STREET ACROSS
HILO HARBOR ENTRANCE.
0.93 MI.

SCALE: (In Miles) 20" = 1 mile

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



Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
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 2010
HPMS Sections - AADT 2009
HPMS Sections - AADT 2008
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 20" = 1 mile



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

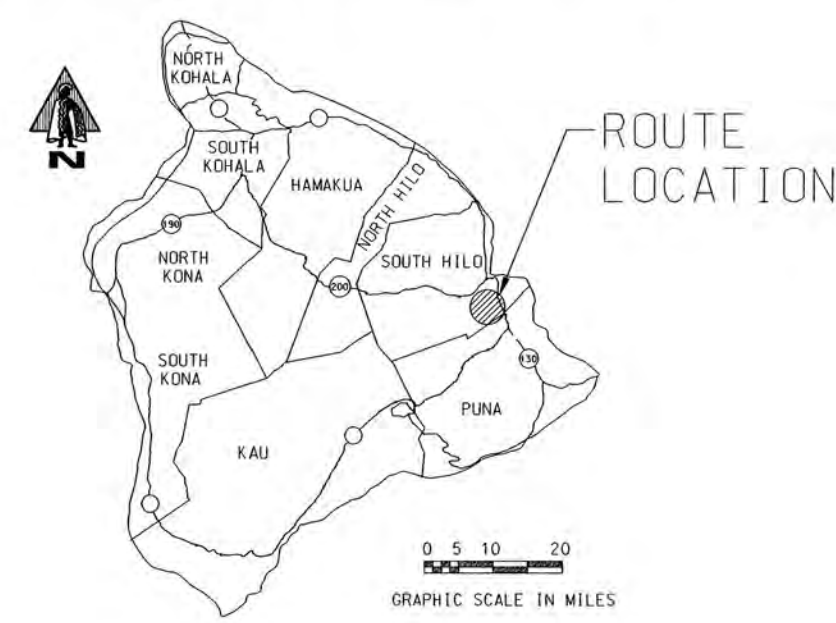
Total Route Length: 6.87 miles
a. Survey Length: 6.87 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

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



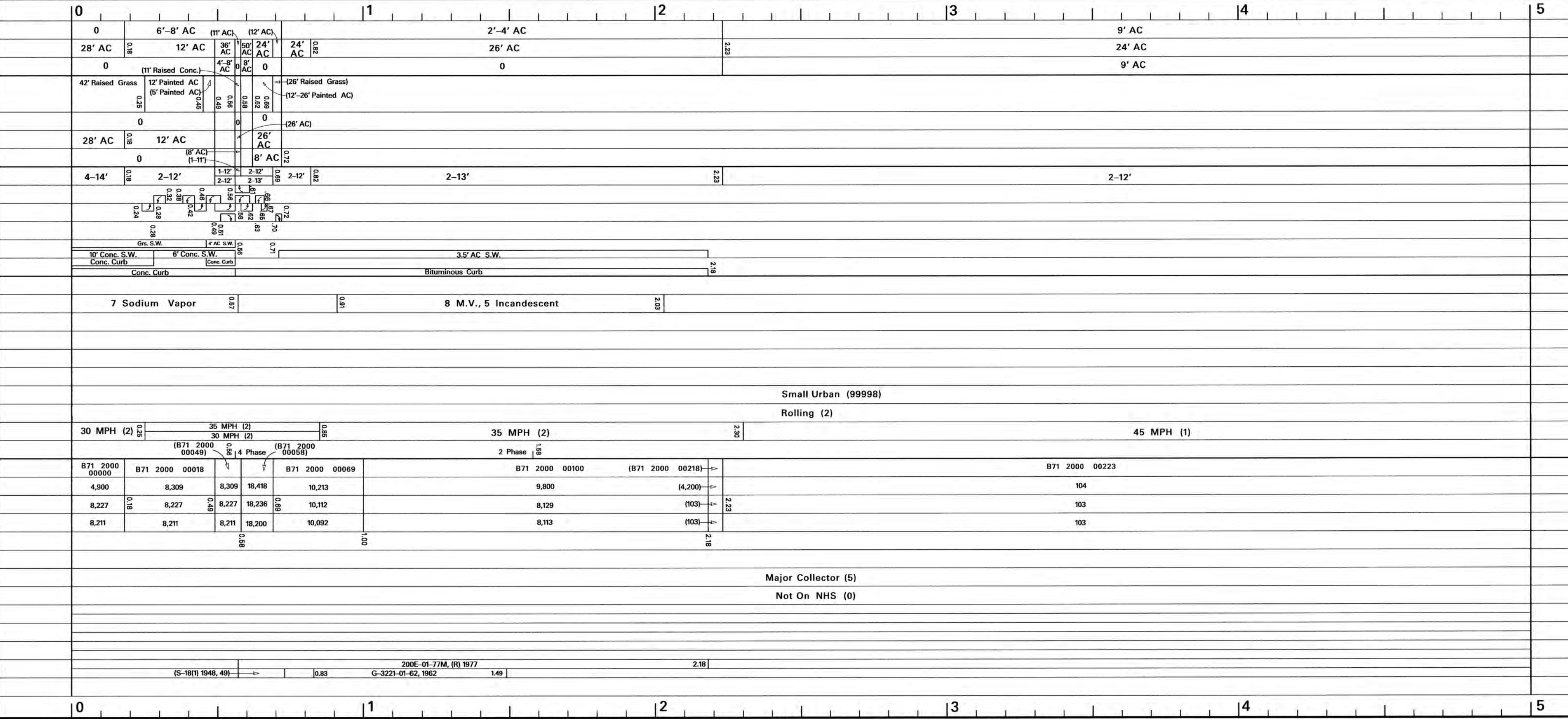
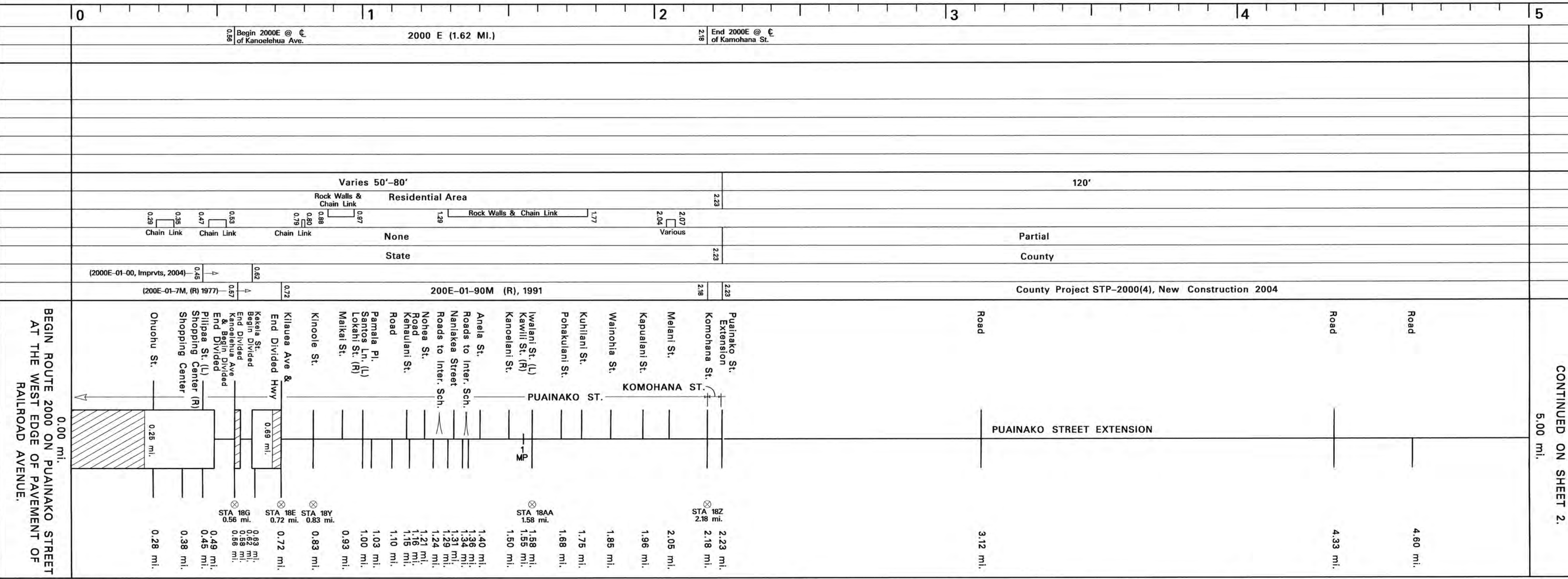
Indicates Grass & / or
Physical Barrier on Median.
Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 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
Undivided	Pavement: Width and Type
	Shoulder: Width and Type

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
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Traffic Stations (Current Year)
HPMS Sections - AADT 2010
HPMS Sections - AADT 2009
HPMS Sections - AADT 2008
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile



Date Released	Revised
Dec. 2003, DB	
Apr. 04	D.B.
July 04	D.B.
Sept. 04	D.B.
May 06	G.N.
Sept. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.

