

STATE ROUTE SYSTEM

COUNTY OF MAUI
ISLAND OF MAUI

DECEMBER 2011



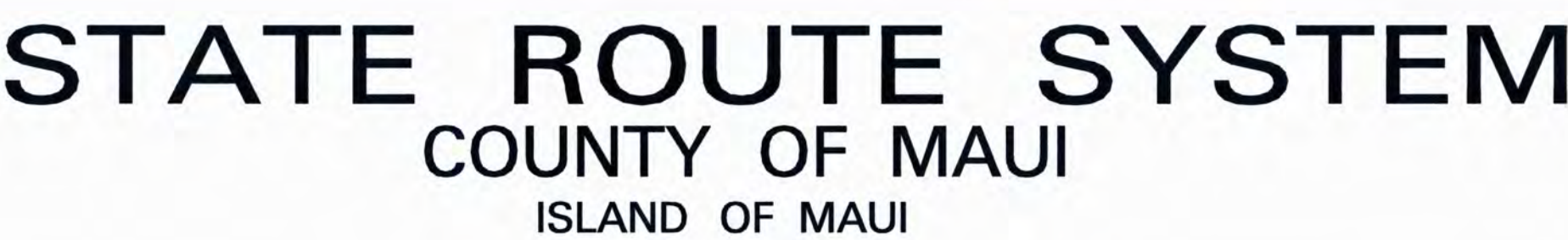
COUNTY OF MAUI:

	LENGTH	(Miles)
MAUI	168.84	
MOLOKAI	55.65	
LANAI	13.68	
TOTAL	238.17	

URBAN AREAS

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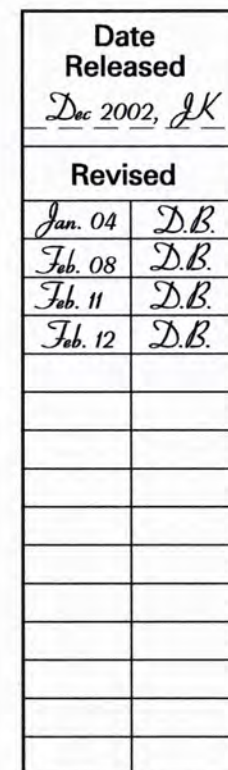


DECEMBER 2011

LEGEND

-

SCALE

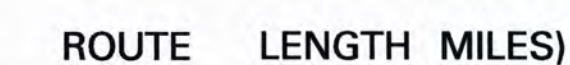
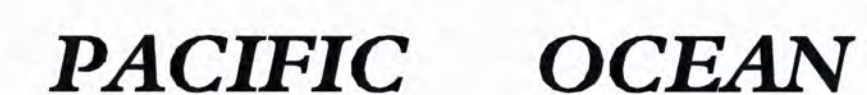




STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

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

DECEMBER 2011



MOLOKAI:		
450	Kamehameha V Highway	27.51
* 460	Kaunakakai Pl. & Maunaloa Hwy.	16.56
465	Airport Loop	2.13
470	Kalae Highway	5.79
480	Farrington Ave & Puupeeulua Ave	3.66
MOLOKAI Total =		55.65

LANAI:		
440	Kaumalapau Hwy & Manele Rd.	13.18
441	Access Road to Lanai Airport	0.47
442	Lanai City Spur	0.03
	Lanai Total =	13.68

* Please Refer to Hwy System Changes List for Route Changes.

[illegible]

LEGEND

STATE (Non-NHS)

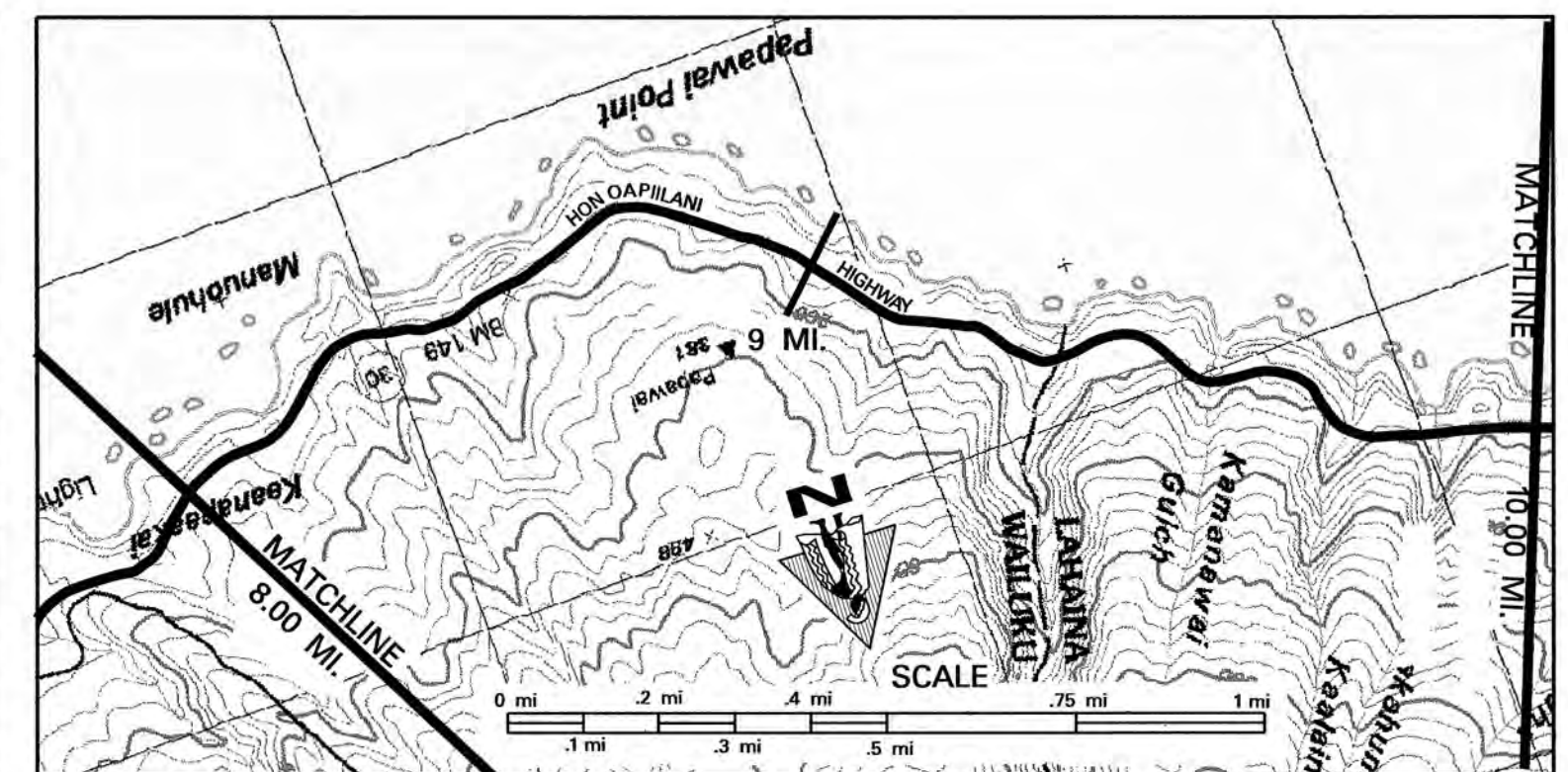
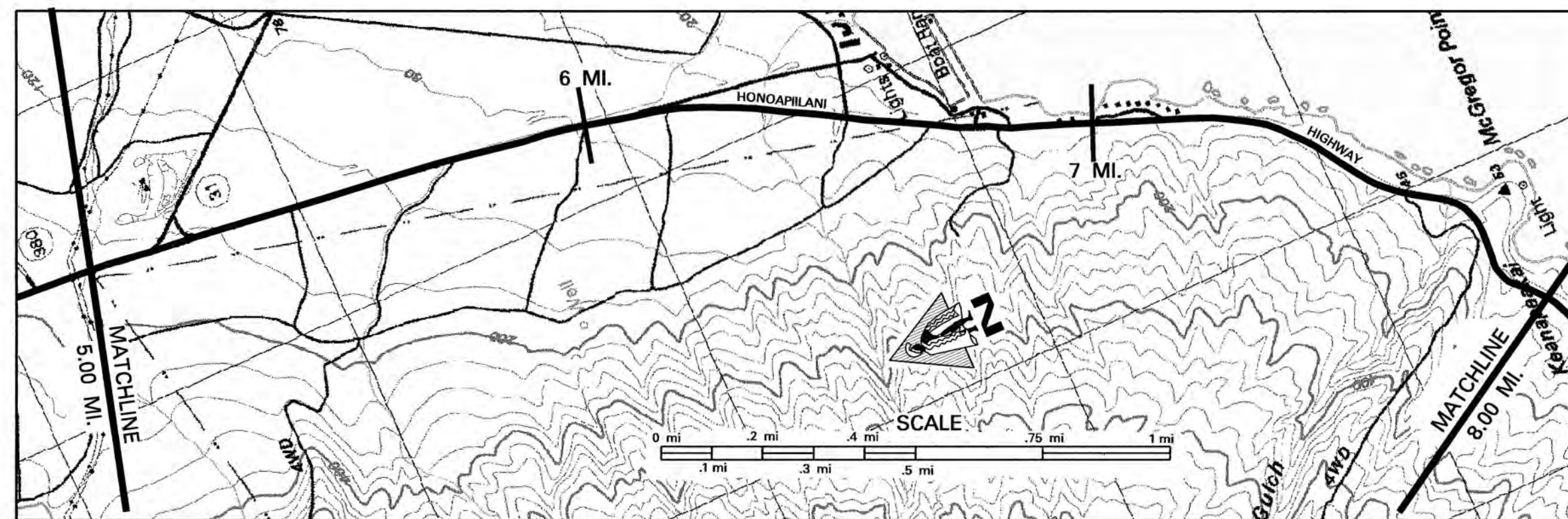
Route termini point

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

**PREPARED BY THE
HIGHWAYS PLANNING BRANCH**

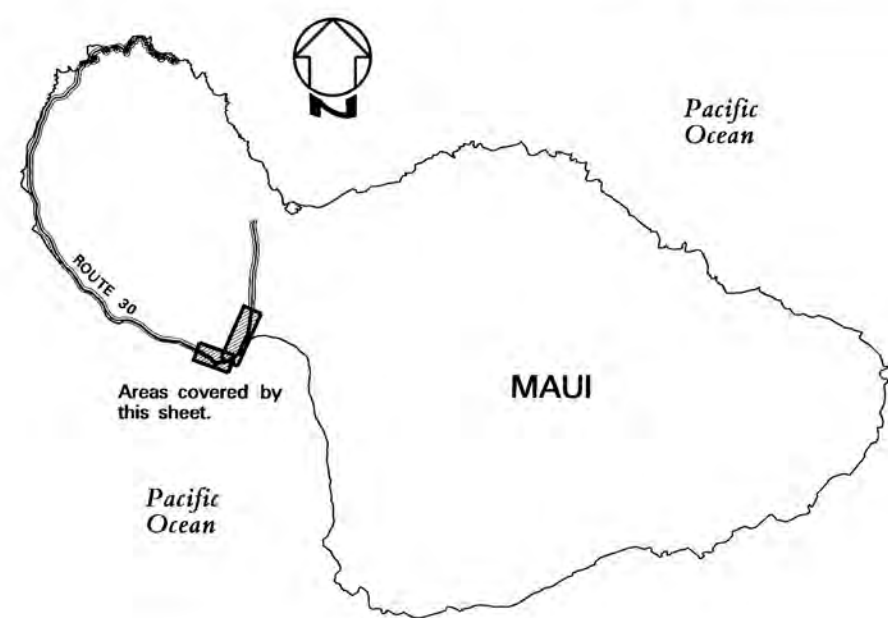
**IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

SCALE: (In Miles) 4" = 1 mile

**Maintenance Control Sections : Length and Description**

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
	Vertical Clearance	Horizontal Clearance
Structure (Under 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) 4" = 1 mile

CONTINUED FROM SHEET 1.

CONTINUED ON SHEET 3

	ped	Shoulder: Width and Type	(Combination Shldr./Bike Route from 6.83mi. to 20.2
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Divided Highway	Unidirectional	Pavement: Width and Type	
		Shoulder: Width and Type	(Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)
		Median: Width and Type	
		Shoulder: Width and Type	
		Pavement: Width and Type	
Divided Highway	Unidirectional	Shoulder: Width and Type	(Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)
		Pavement: Width and Type	

Number of Traffic Lanes

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	(All 12' TLs.)
	(Right Side) (All 12' TLs.)

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

Sidewalk: Width and Type (Right and Left)	
Right	Left
Width	Width
Type	Type

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

Protective Devices: Type, Location and Number		(All Metal on Metal except where indicated)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)	

Superelevation (Range)
0.00 to 0.05
0.05 to 0.10
0.10 to 0.15
0.15 to 0.20
0.20 to 0.25
0.25 to 0.30
0.30 to 0.35
0.35 to 0.40
0.40 to 0.45
0.45 to 0.50
0.50 to 0.55
0.55 to 0.60
0.60 to 0.65
0.65 to 0.70
0.70 to 0.75
0.75 to 0.80
0.80 to 0.85
0.85 to 0.90
0.90 to 0.95
0.95 to 1.00
1.00 to 1.05
1.05 to 1.10
1.10 to 1.15
1.15 to 1.20
1.20 to 1.25
1.25 to 1.30
1.30 to 1.35
1.35 to 1.40
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1.45 to 1.50
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1.55 to 1.60
1.60 to 1.65
1.65 to 1.70
1.70 to 1.75
1.75 to 1.80
1.80 to 1.85
1.85 to 1.90
1.90 to 1.95
1.95 to 2.00
2.00 to 2.05
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2.70 to 2.75
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2.80 to 2.85
2.85 to 2.90
2.90 to 2.95
2.95 to 3.00
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8.55 to 8.60
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8.70 to 8.75
8.75 to 8.80
8.80 to 8.8

Grades.	%	Grade, Positive or Negative
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Vertical Curve: Crest or Sag, Curve Limits

Terrein: 1 Flat 2 Ballina

Speed: 1 Design 3 Rusted

Intersection	Control Devices	Type	Location	Cycle Timing
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Traffic Stations (Current Year)

HPMS Sections – AADT 2010

HPMS Sections – AADT 2009

HPMS Section

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

[illegible]

SCALE: (In Miles) 4" = 1 mile

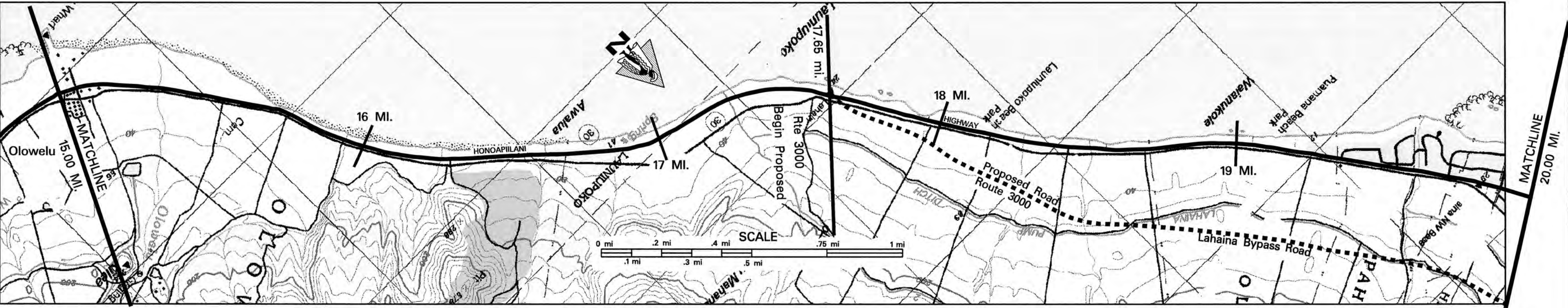
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SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY
MAUI RTE 30
HONOAPIILANI 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: 41.67 miles
a. Survey Length: 41.67 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



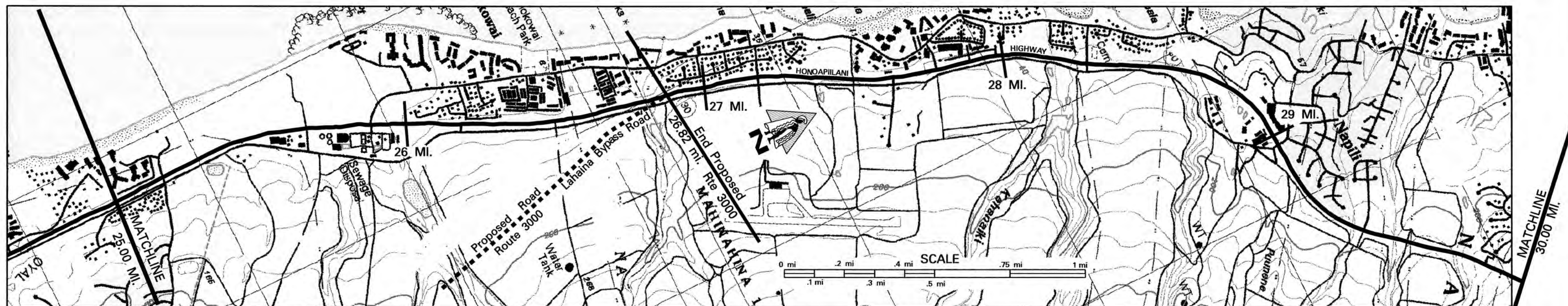
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description		30 C (15.33 MI.)								
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC, Flat Slab H15, 1938 62'		RC Flat Slab, 1938, H15 26'	RC Flat Slab, 1938, H15 42'	Conc. Slab, 1971, HS 20 27'				
	Vertical Clearance	24'		24'	24'	44'				
	Horizontal Clearance									
Structure Carrying Road	Vertical Clearance									
	Horizontal Clearance									
Right of Way Width (min.-max.) if varies		80'-345'		70'-80'	76'-280'					
Available Right of Way Width (Needs Study)		Canefield 1000' Clear - 40' from E.P.		Trees & Heavy Bushes	(R) 1000' Clear Cane Field, 50' from E.P. (L) Beaches & Residential Area					
Right of Way Fence: Type - Right and Left					Wood Fence 30' from E.P.					
Control of Access: 1-None, 2-Partial, 3-Full				None						
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)				State						
Project No., Type of Construction, and Year Constructed				30C-01-06-M, Resurf., 2008						
Project No., Type of Construction, and Year Constructed				STP-0900(53), Guardrail & Shoulder Improvements, 2002						
Road Diagram		MAUI		HONOAPIILANI HIGHWAY						
SCALE: (In Miles) 4" = 1 mile		15		16	17	18	19	20		
Divided Highway	Shoulder: Width and Type	4' AC/Grass		6' AC	8' AC	6' AC	8' AC	4'-6' AC	8' AC	6' AC
	Pavement: Width and Type	12' AC		24' AC	12' AC	24' AC	12' AC	24' AC	12' AC	22' AC
	Shoulder: Width and Type	0		6'-8' AC	0	6'-8' AC	0	4' AC/10' Dirt	6' AC	0
	Median: Width and Type	0-10' Painted AC		0'-3' Painted AC	0-11' Painted AC	10' Paint	0	0'-10' Painted AC	10' Paint	12' Raised & Shrubs Curbs
	Median Barriers:	0		0	0	0	0	0	0	0
	Shoulder: Width and Type	12' AC		12' AC	12' AC	12' AC	12' AC	12' AC	12' AC	22' AC
Number of Traffic Lanes		2-12'		2-12'		2-12'		2-12'		4-11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
(Right Side)		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Frontage Road: No. of Lanes, and Width (Right and Left)		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Sidewalk: Width and Type (Right and Left)		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Curb and/or Gutter: Type (Right and Left)		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Protective Devices: Type, Location and Number		All Metal Rails on Metal Posts unless otherwise indicated. B = Conc. Barrier		All Metal Rails on Metal Posts unless otherwise indicated. B = Conc. Barrier		All Metal Rails on Metal Posts unless otherwise indicated. B = Conc. Barrier		All Metal Rails on Metal Posts unless otherwise indicated. B = Conc. Barrier		10' T.L.s
Illumination: Type, Location and Number		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Curves: Degree of Curvature (Right and Left)		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Superelevation (Range)		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Grades: % Grade, Positive or Negative		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Vertical Curve: Crest or Sag, Curve Limits		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Area and Development:		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Speed: 1-Design, 2-Posted		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Intersection Control Devices: Type, Location and Cycle Timing		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Traffic Stations (Current Year)		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
HPMS Sections - AADT 2010		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
HPMS Sections - AADT 2009		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
HPMS Sections - AADT 2008		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
DOD Sections		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Census Tracts		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Functional Classification		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
National Highway System (NHS)		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
Previous Projects: Project No., Date and Limits		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s		10' T.L.s
SCALE: (In Miles) 4" = 1 mile		15		16	17	18	19	20		

SCALE: (In Miles) 4" = 1 mile

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

00 miles



Maintenance Control Sections : Length and Description	
1	1.000
2	2.000
3	3.000
4	4.000
5	5.000
6	6.000
7	7.000
8	8.000
9	9.000
10	10.000
11	11.000
12	12.000
13	13.000
14	14.000
15	15.000
16	16.000
17	17.000
18	18.000
19	19.000
20	20.000
21	21.000
22	22.000
23	23.000
24	24.000
25	25.000
26	26.000
27	27.000
28	28.000
29	29.000
30	30.000
31	31.000
32	32.000
33	33.000
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37	37.000
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42	42.000
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91	91.000
92	92.000
93	93.000
94	94.000
95	95.000
96	96.000
97	97.000
98	98.000
99	99.000
100	100.000

Right of Way Width (min.-max.) if varies	80'-190'	25.78'	150'	27.60'	75'	28.17'	45'-190'	28.74'	90'	29.01'	140'-210'	29.50'	230'-320'	29.72'	300'-400'
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Right of Way Width (min.-max.) if varies

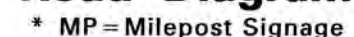
Available Right of Way Width (Needs Study)

Right of Way Fence: Type - Right and Left

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

Project No. Type of Construction and Year Constructed:

Project No., Type of Construction, and Year Constructed



CONTINUED FROM SHEET 5

CONTINUED ON SHEET 7
30.00 mi.

		S-0300(1) 1958	25.73	RF-030-1(7) New Construction, 1977	27.74	F-030-1(13) New Construction, 1981	29.01	F-030-1(8) New Construction 1984	
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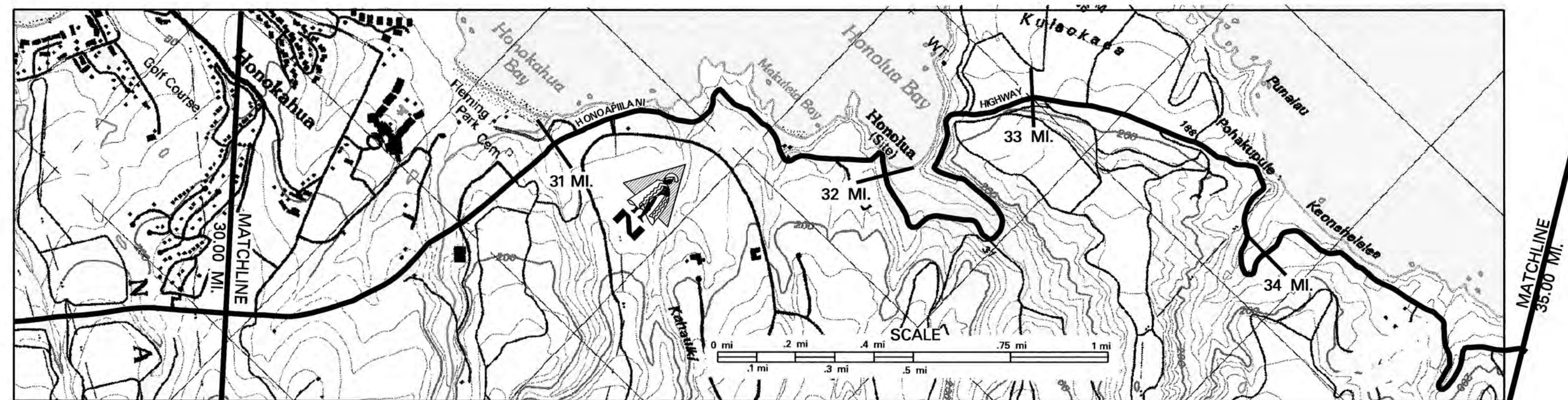
Sheet 6 of 9 MAUI RTE 30

Total Route Length: _____ **41.67** _____ **miles**

a. Survey Length: _____ **41.67** _____ **miles**

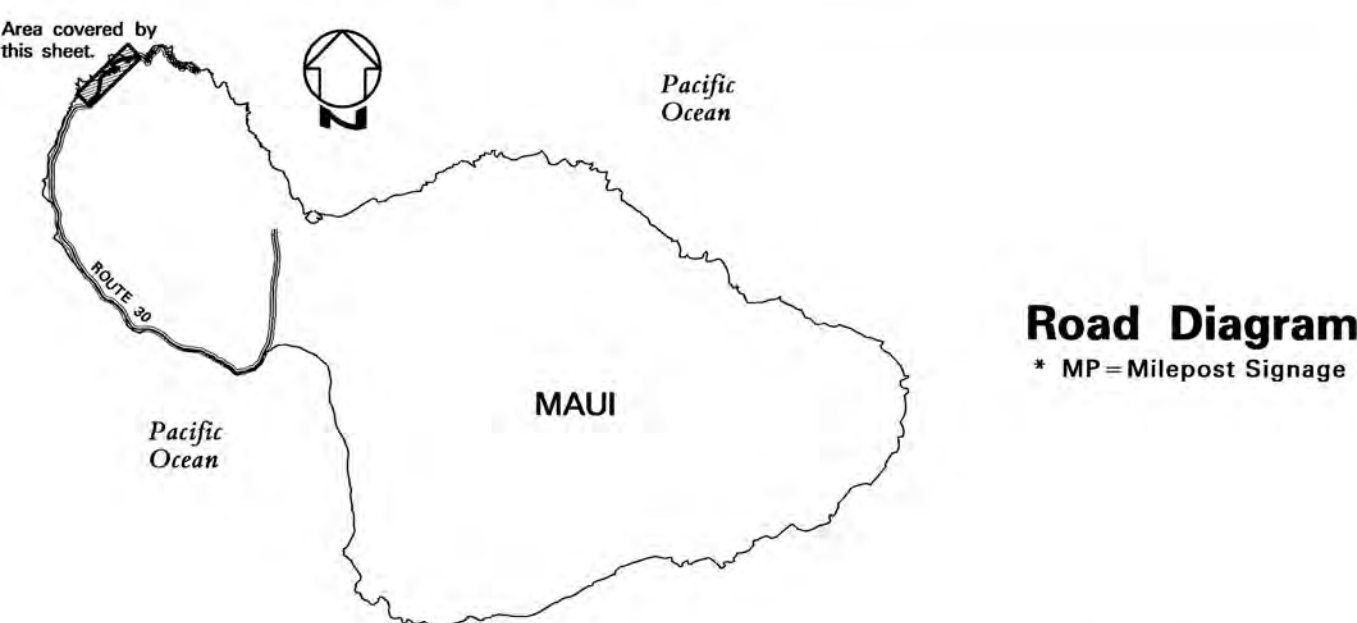
b. Proposed Length: _____ **0.00** _____ **miles**

c. Other Length: * _____ **0.00** _____ **miles**



Maintenance Control Sections : Length and Description

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed				Prestressed I-Beam HS-20-44 1986			S.S. Conc. Slab H-10 1924						
	Vertical Clearance				604'			24'						
	Horizontal Clearance													
	Vertical Clearance				52'			17'						
	Horizontal Clearance													
Structure Over Road	Right of Way Width (min.-max.) if varies		(300'-400')	30'	40'									
	Available Right of Way Width (Needs Study)				Residential	31.9								
	Right of Way Fence: Type - Right and Left					31.9	Chain Link	Heavy Brush, Trees & Rocks	31.9	1000' Clear Pineapple Fields 15' form E.P.	31.9	Heavy Brush & Rock	31.9	31.9
	Control of Access: 1-None, 2-Partial, 3-Full						31.9							Wire on Wood
	Jurisdiction, Transfer Phase No. and Date (C to S or S to C)								None					
Project No., Type of Construction, and Year Constructed								State						
Project No., Type of Construction, and Year Constructed						30A-01-97M (Resurf.) 1998	31.9			30A-01-91M (R) 1992				



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET 6

CONTINUED ON SHEET 8.
35.00 mi.

[illegible]

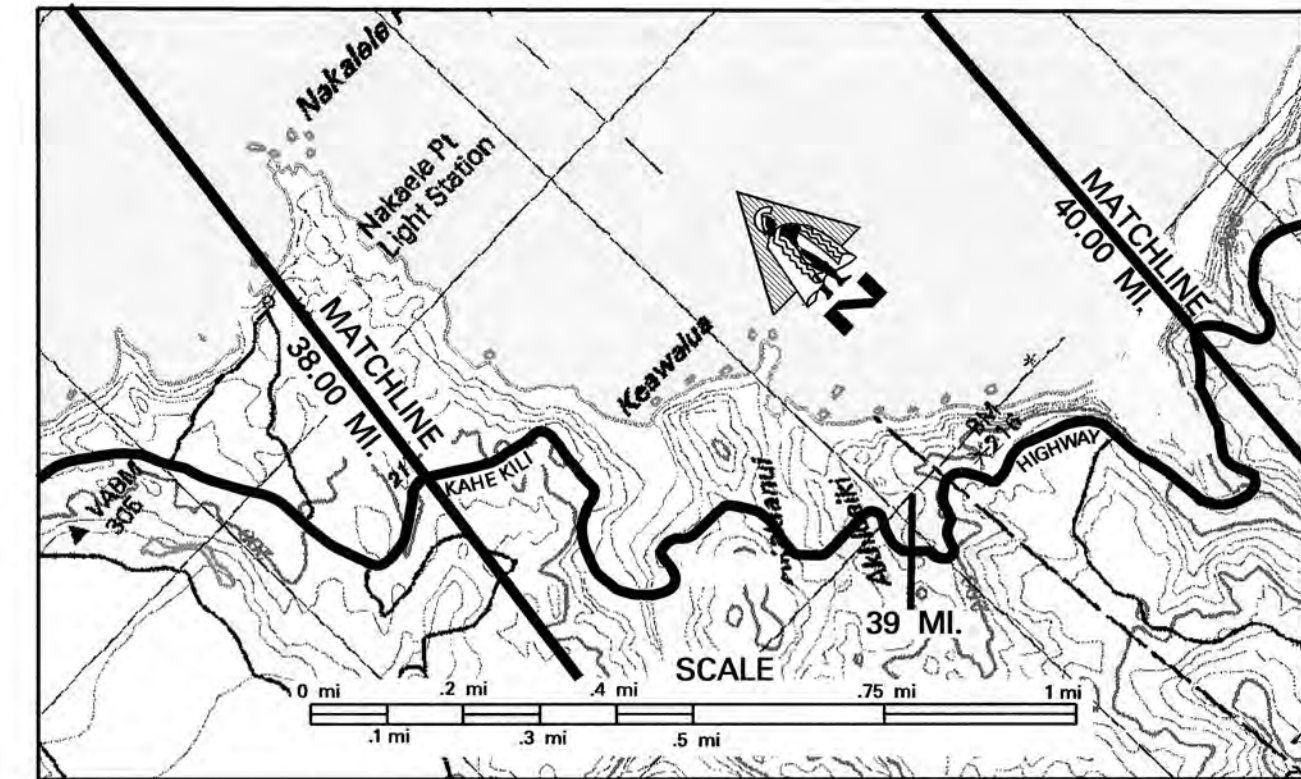
SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY
MAUI RTE 30
ANI HWY - KA

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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



Maintenance Control Sections : Length and Description

Right of Way Width (min.-max.) if varies				40'	
Available Right of Way Width (Needs Study)					
Right of Way Fence: Type – Right and Left		Chain on Wood		37' 47"	38' 31"
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					30A-01-07M, Repairs and Maintenance, 2008
Project No., Type of Construction, and Year Constructed	30A-01-91M (R) 1992		340D-01-93M (R) 1994		30A-01-95M (Resurface) 1996



CONTINUED FROM SHEET 7.



CONTINUED ON SHEET 9.
40.00 mi.

[illegible]

Number of Traffic Lanes		2-10'	36.67'	2-(9'-10')	97.20'	2-10'	
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Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)			
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(Right Side)			
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Frontage Road: No. of Lanes, and Width (Right and Left)			
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[illegible][illegible][illegible][illegible][illegible]

Superelevation (Range)		
------------------------	--	--

[illegible][illegible][illegible]

Area and Development.		nural (99999)
Terrain: 1.Flat 2.Rolling 3.Mountainous		Mountainous (0)

terrain: Flat, 2-Hilly, 3-Mountainous			Mountainous (3)
Grass: 1-Dense 2-Spotted			65 MBU (2)

Speed: 1-Design, 2-Posted		25 MPH (2)
Intersection: Control Devices: Time Location and Cycle Times		

Intersection Control Devices: Type, Location and Cycle Timing				
7.7.1. Control of Signalized Movement				

Traffic Stations (Current Year)		874 0030 03082	874 0030 03588

HPMS Sections – AADT 2010		1,616	1,839	
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HPMS Sections - AADT 2009		1,600	1,821
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HPMS Sections - AADT 2008		1,790	1,790
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DOD Sections			05.06

Census Tracts		

Functional Classification		Major Collector (5)
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National Highway System (NHS)		Not on NHS (0)
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Previous Projects: Project No., Date and Limits	

[illegible]

	A	300-01-66 (R) 1968	35.67	35.87	330C-03-70 1970	38.31	340A-02-72, 1976
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		TC 0000 01 00 00 00 00	status	status	category	
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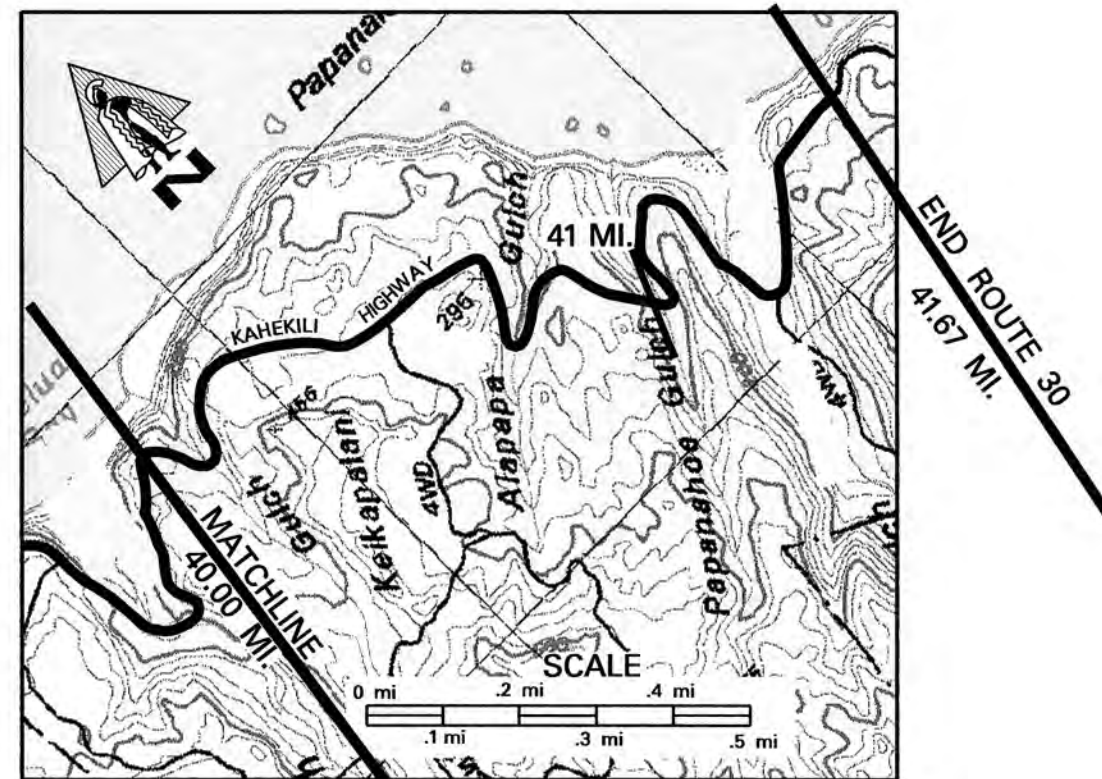
SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY
MAUI RTE 30
KAHEKILI 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: 41.67 miles
a. Survey Length: 41.67 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			
Structure Over Road	Vertical Clearance			
	Horizontal Clearance			
Structure Over Road	Vertical Clearance			
	Horizontal Clearance			

Timber Stringer
1927 H-10
25'
18'

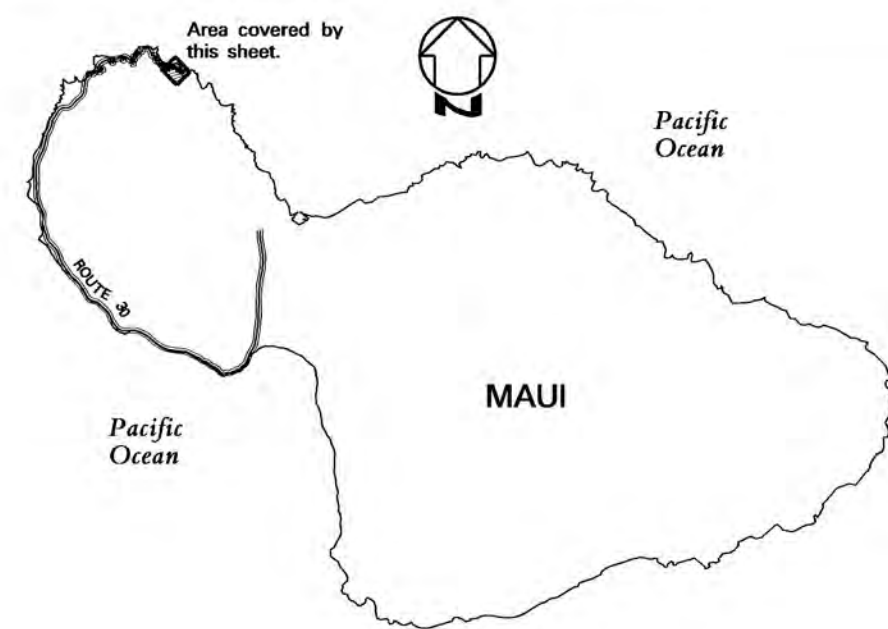
Right of Way Width (min.-max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type - Right and Left
Control of Access: 1-None, 2-Partial, 3-Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No.,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

None

State

30A-01-07M, Repairs and Maintenance, 2008

30A-01-95M (Resurface) 1996



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 8.

KAHEKILI HIGHWAY

Bridge
(Papanahoa Strm.)
2182+18
41.33 mi.
41.32 mi.

END RTE 30 ON KAHEKILI HIGHWAY
0.35 MI. EAST OF PAPANAHOA STR.
BRIDGE @ END OF STATE HWY SIGNS.
41.67 mi.

SCALE: (In Miles) 4" = 1 mile

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

2' AC

20' AC

2' AC

Number of Traffic Lanes

2-10'

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

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

Sidewalk: Width and Type (Right and Left)

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

All 3'-5' AC Gutters

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

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

Rural (99999)

Mountainous (3)

25 MPH (2)

B47 0030 03588

1,839

1,821

1,790

Major Collector (5)

Not on NHS (0)

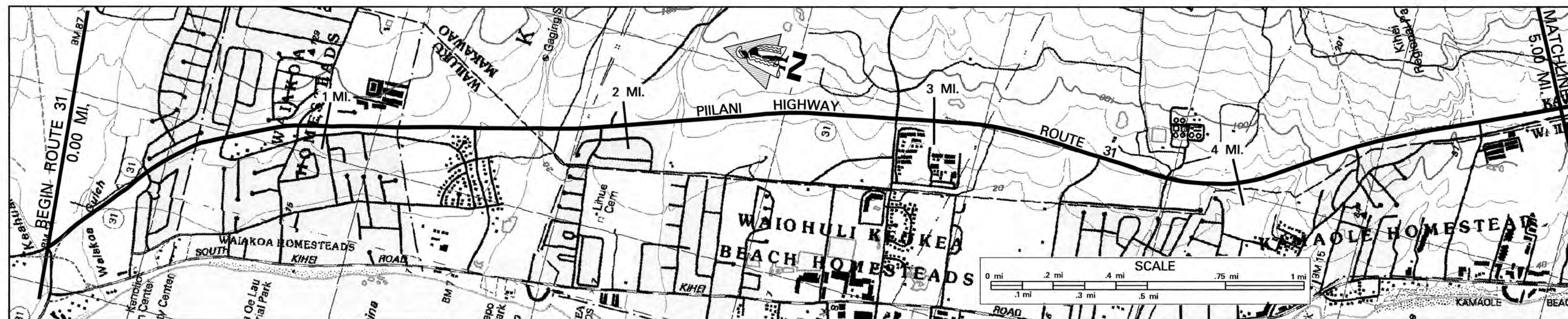
340A-02-72, 1976
County

SCALE: (In Miles) 4" = 1 mile

ROAD INVENTORY
MAUI RTE 31
PIILANI 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: 12.01 miles
a. Survey Length: 7.15 miles
b. Proposed Length: 4.86 miles
c. Other Length: * 0.00 miles

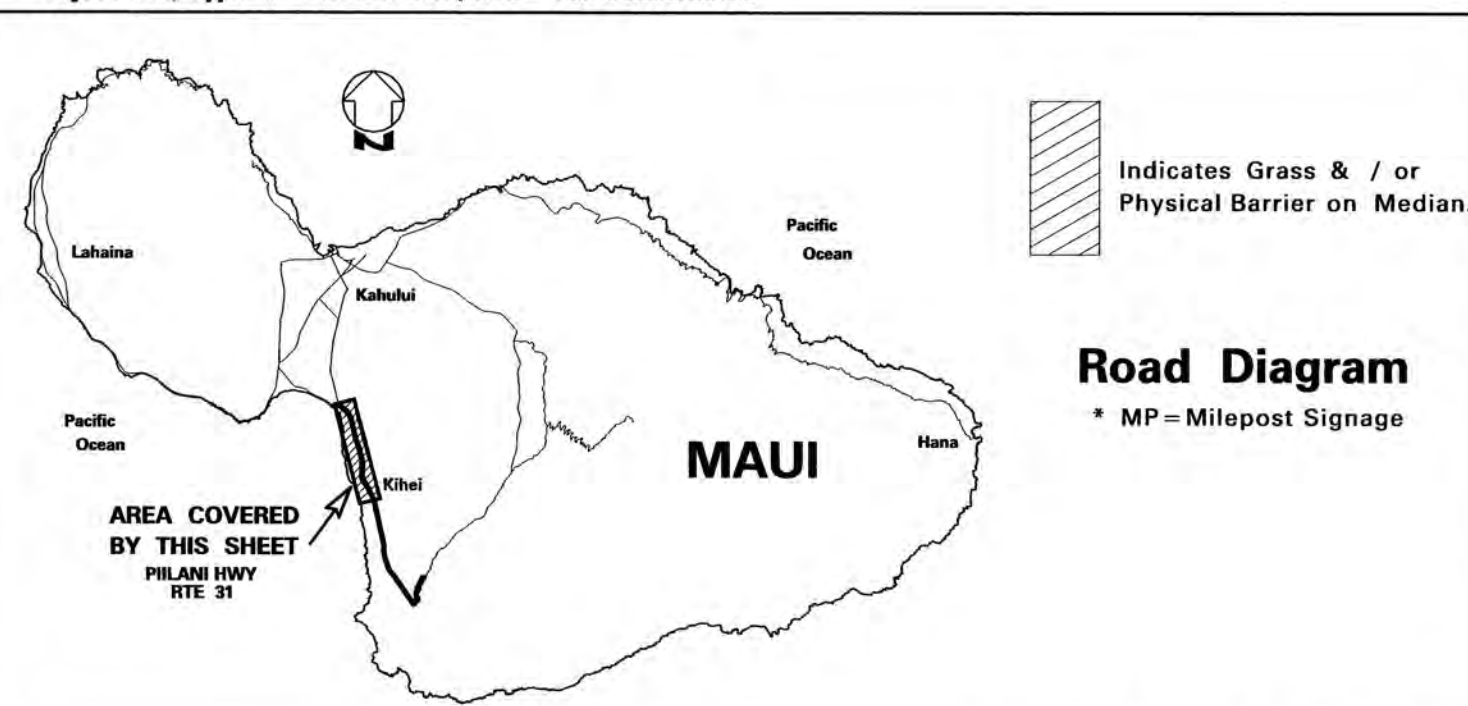


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road
Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Vertical Clearance
Horizontal Clearance
Structure Carrying 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) 4" = 1 mile

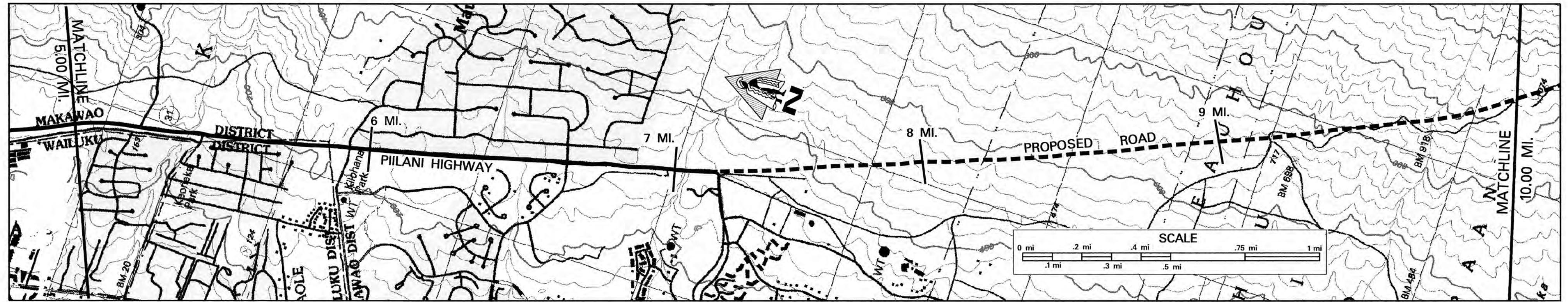
Divided Highway	Undivided	Shoulder: Width and Type (COMBINATION SHOULDER AND BIKE ROUTE FROM 0.00 - 5.93 MILE)		8' AC	24' AC	4' AC	10'-70' FLUSH GRASS	0'-11' PAINT	0'-12' Painted AC	0'-12' Painted AC	6'-8' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' AC	44' AC	22' 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ROAD INVENTORY
MAUI RTE 31
PIILANI 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: 12.01 miles
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SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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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)

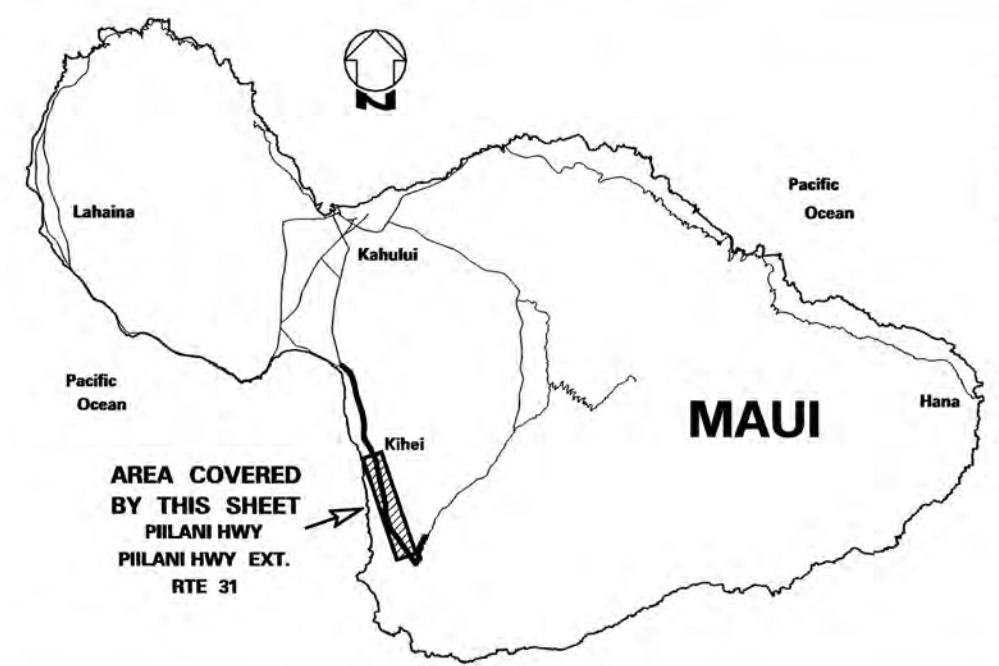
Right of Way Fence: Type - Right and Left

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

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

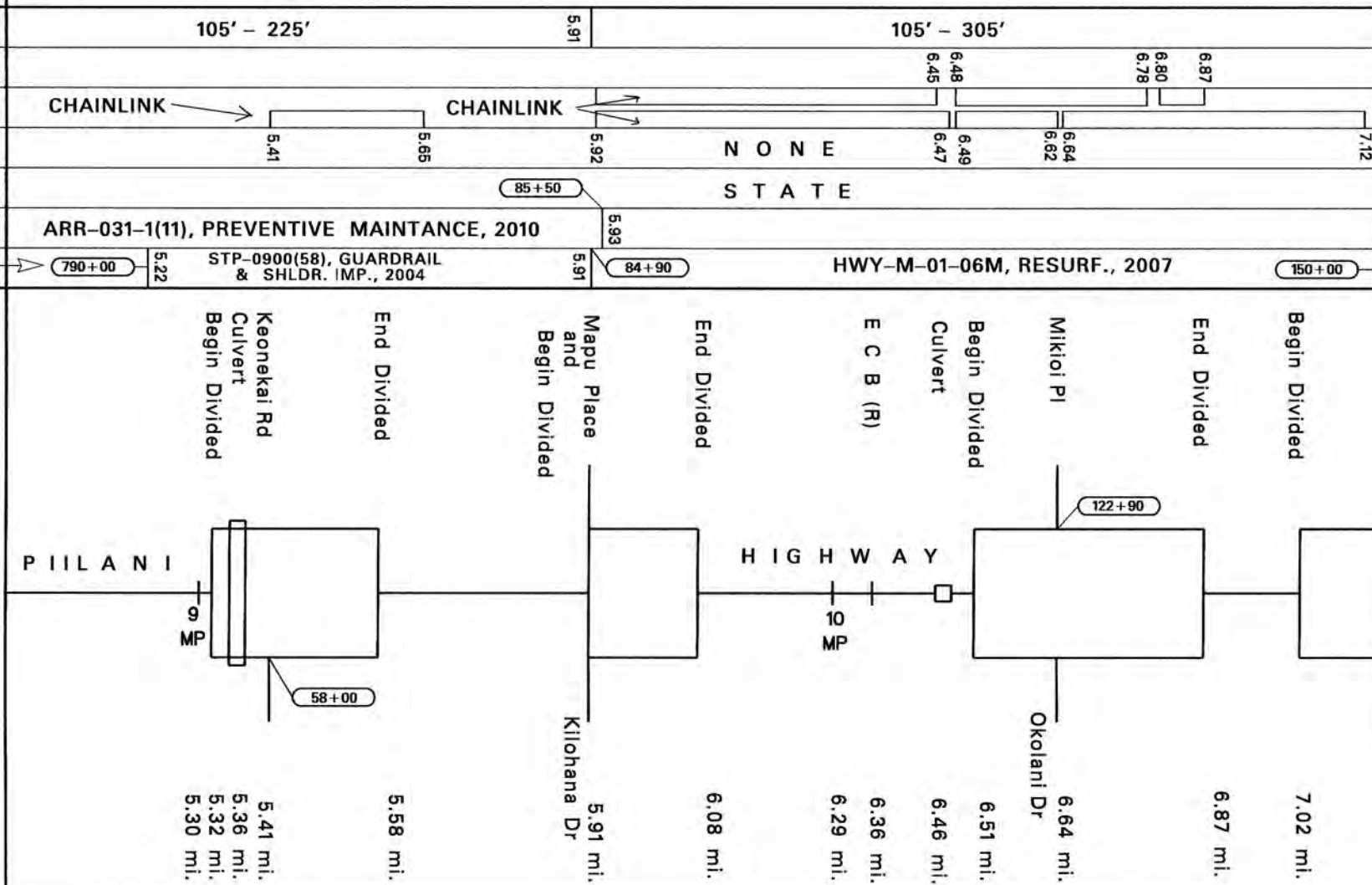
Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed (31AB-01-02, WIDENING, 2003)

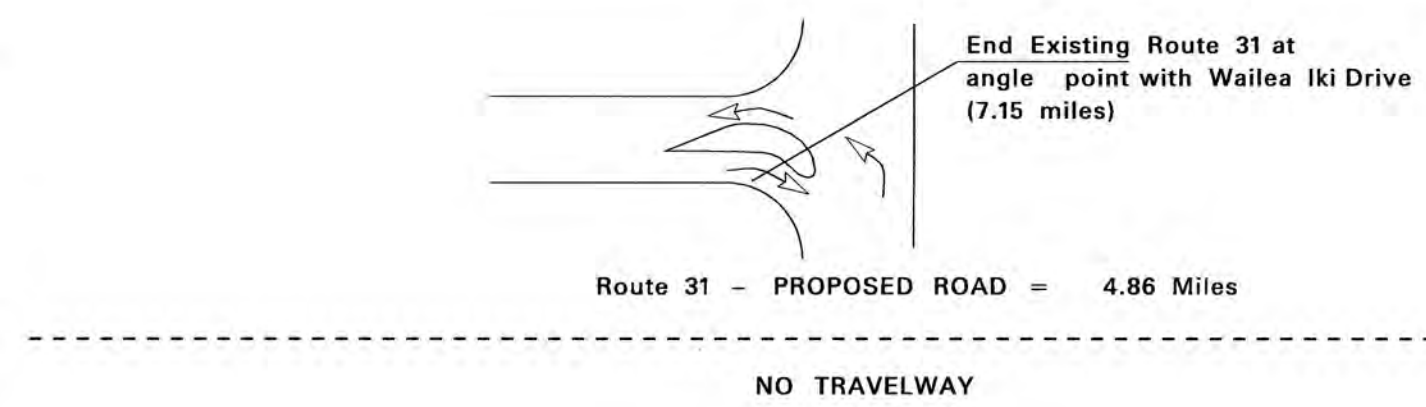


Road Diagram
* MP = Milepost Signage

Continued from Sheet # 1



Begin proposed on Piilani Highway at the centerline of Wailea Iki Drive 7.15 mi.



Continued on sheet # 3

SCALE: (In Miles) 4" = 1 mile

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

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

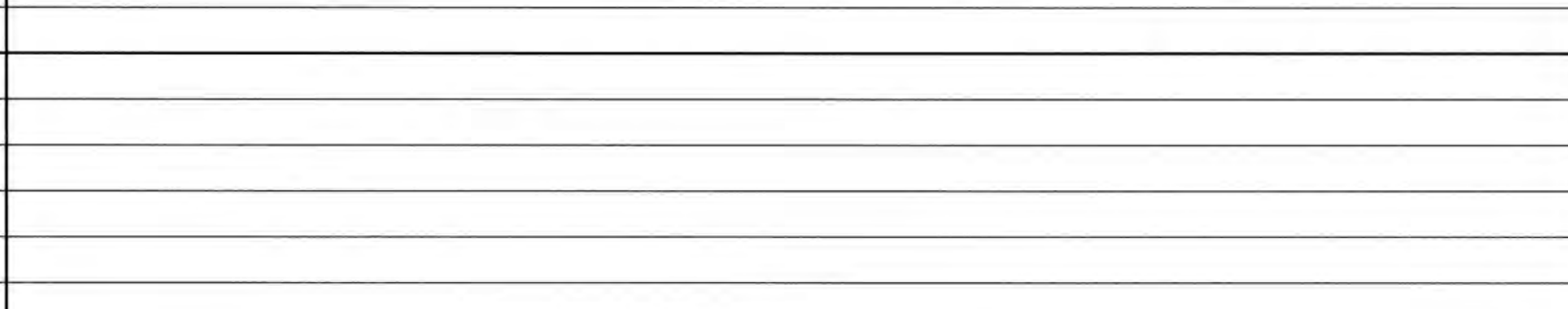
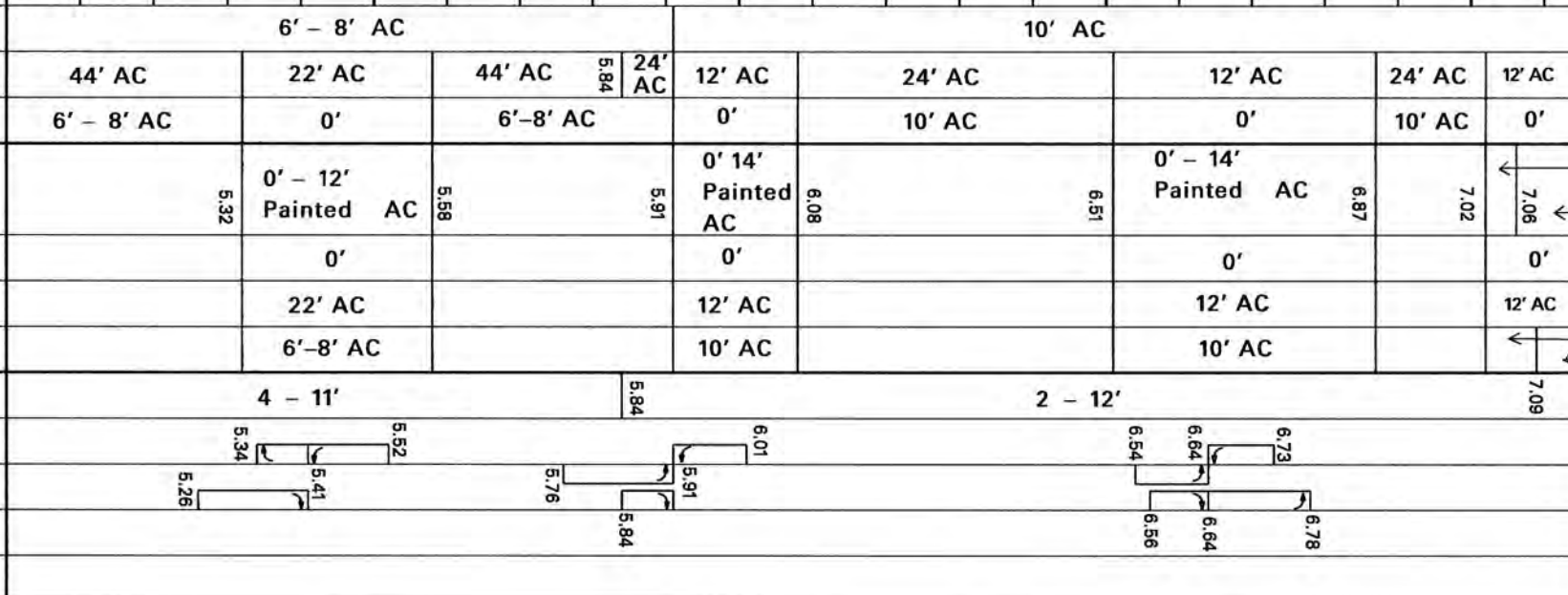
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

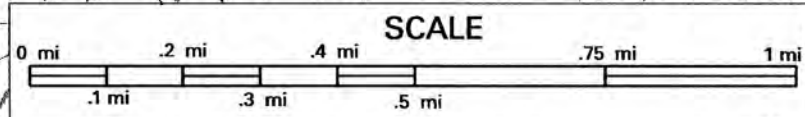


PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

a. Survey Length: 7.15 miles

b. Proposed Length: 4.86 miles

c. Other Length: * 0.00 miles



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						



Route 31 – PROPOSED ROAD = 4.86 Mile

End Route 31 on Proposed Road at the
SouthWest edge of pavement of Kula
Highway and Makena Road
12.01 mi.

0.00 mi.

10	11	12	13	14	15
----	----	----	----	----	----

[illegible]

10	11	12	13	14	15
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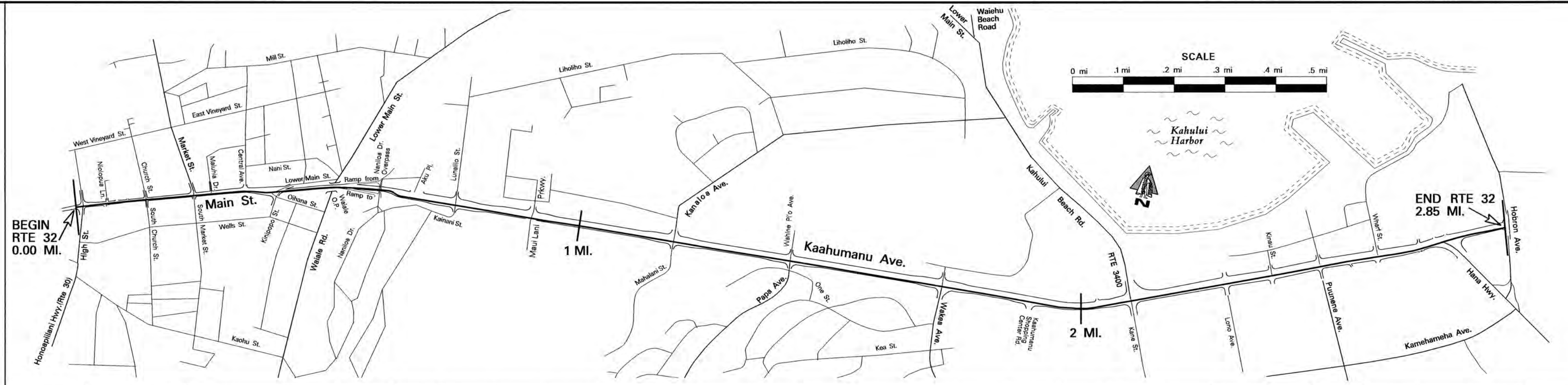
ROAD INVENTORY
MAUI RTE 32
MAIN ST. – KAAHUMANU AVE.

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:	2.85	MILES (a + b)
a. Existing Length:	2.85	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	2.85	MILES (a + b, less c)
a. Existing Length:	2.85	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 _____



Maintenance Control Sections : Length and Description		0	1	2	3
Structure Carrying Road		32 A (2.84 Mi.)			
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Steel Multistringer 1936 H15 79' 34'			
	Vertical Clearance	14' 10"			
	Horizontal Clearance	115' - 265'			
	Right of Way Width (min.-max.) if varies	50' - 115' - 265'			
Available Right of Way Width (Needs Study)		Urban / Commercial			
Right of Way Fence: Type - Right and Left		Partial State			
Control of Access: 1-None, 2-Partial, 3-Full		NH-032-1(8), Resurface, 2002			
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STP-NH-0900(62), RESURF., 2004			
Project No., Type of Construction, and Year Constructed		NH-STP-032-1(6), Traffic Signals & Widening, 2002			
Project No., Type of Construction, and Year Constructed		(36A-01-96M, (R), 1999)			
AREA COVERED BY THIS SHEET		Main St. - KAAHUMANU AVE RTE 32			
Road Diagram		* MP = Milepost Signage			
Divided Highway		Scale: 1" = 0.15 mile			
Divided Highway	Shoulder: Width and Type	26' AC			
	Pavement: Width and Type	23' AC			
	Shoulder: Width and Type	12' AC			
	Median: Width and Type	4' - 6' AC			
Number of Traffic Lanes		4 - 12'			
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		PL = 8' Parking Lane			
Frontage Road: No. of Lanes, and Width (Right and Left)		PL = 8' Parking Lane			
Sidewalk: Width and Type (Right and Left)		1-AC Curb			
Curb and/or Gutter: Type (Right and Left)		1-AC Curb			
Protective Devices: Type, Location and Number		Mercury Vapor			
Illumination: Type, Location and Number		Small Urban (99998)			
Curves: Degree of Curvature (Right and Left)		Flat (1)			
Superelevation (Range)		20 MPH (2)			
Grades: % Grade, Positive or Negative		45 MPH (2)			
Vertical Curve: Crest or Sag, Curve Limits		30 MPH (2)			
Area and Development:		Principal Art. (Conn. Link) (3)			
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		On NHS (1)			
Speed: 1-Design, 2-Posted		Principal Arterial (3)			
Intersection Control Devices: Type, Location and Cycle Timing		Ph. = Phase			
Traffic Stations (Current Year)		STP-0900(34), 1999			
HPMS Sections - AADT 2010		HWY-M-02-91M (R) 1992			
HPMS Sections - AADT 2009		32A-01-83M (R) 1993			
HPMS Sections - AADT 2008		DF-032-1(4) 1958			
DOD Sections		County Phase II			
Census Tracts		Principal Arterial (3)			
Functional Classification		On NHS (1)			
National Highway System (NHS)		Principal Arterial (3)			
Previous Projects: Project No., Date and Limits		STP-0900(34), 1999			
Scale: 1" = 0.15 mile		0 1 2 3			

Date Released	May 2001
Revised	
Nov. 06	D.B.
Dec. 06	D.B.
Feb. 11	D.B.
Feb. 12	D.B.

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

A detailed map of the Kahului Harbor area. The map shows the coastline of Kahului Harbor, with Kahului Harbor Park at the top. To the west of the harbor is Keopuolani Park. The map includes a scale bar from 0 to 5 miles and a north arrow. Major roads shown include Highway 36 (Kahului Ave) and Highway 328 (Hobron Rd). Other landmarks include BM 9, Hoaloa Park, and the Hobron Pt. The map also shows the intersection of Highway 36 and Highway 328, and the location of the Kahului Harbor. The map is oriented with North at the top.

Begin and end 32B same as begin and end route 32B

Project No., Type of Construction, and Year Constructed

01-91M 1992 (R)	0.11	1979	0.14
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Road Diagram

* MP = Milepost Signage

0.00 MI.

END ROUTE 32B ON WHARF STREET
AT THE SOUTH BOUNDARY OF THE
HARBORS DIVISION LOT AT PIER #2

0.1	0.0	0.0
-----	-----	-----

Previous Projects:	Project No.,	Date	and Lim

ON NHS (1)

18

**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**

36A (6.70 MI)	6.70	End 36A and begin 36B on Hana Hwy at the West edge of pavement of Baldwin Ave.	36B (4.32 MI)
---------------	------	--	---------------

[illegible]

	60'	80' – 200'
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1000' CLR – SUGAR CANE FIELD 20' FROM PAVEMENT	6.50	RESIDENTIAL AREA	7.24	1000' CLR (R) 15' SUGAR CANE FROM PAVEMENT / BEACH (L)	9.69	CLIFFS	
--	------	------------------	------	--	------	--------	--

	NONE	
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	N O N E	
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191 + 00	222 + 00	STATE	122 + 35
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5.33	STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004	5.32	251+00	6+6	36AB-02-04M (R) 2006	6.32	10+28	10+04.82	36AB-01-04M, RESURFACE, 2005	6.31	122+35	6.30	36BC-01-10M, PREV. MAINT., 2011
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36AB-01-04M, RESURFACE, 2005	(253 + 81.2)	36AB-01-95M 1998 (R)	36AB-01-90M RESURFACE 1991	STP-036-1(8) RESURFACE 1998
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* MP = Milepost Signage

ROUTE CONTINUED FROM SHEET # 1

ROUTE CONTINUES ON SHEET #3
10.00 mi

[illegible]

	2 - 12'	6.55	2-11'	2-11'	2-11'	2-11'	2-11'	2 - 11'	8.92	2 - 12'	
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6.65 6.62 6.66 6.62 6.66 6.62 (1-11' (L) TL)

(11' 2-WAY (L) TL)  (11' 2-WAY (L) TL)

(TO PAIA MINI BY-PASS) 6.57 6.96

[illegible]

	9.03	(METAL RAIL ON CONC. POST)	7.00	CONC. CURB	7.02
			9.72		

[illegible]

6.48	MV	6.88	9.07	9.23	9.77	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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(FOR 4-6 FR, EAL, SAT, SUN, HUL, NO TRUCKS OR BUSES) 9-9	W O N E
--	----------------

[illegible]

10	?	?	
11	?	?	
12	?	?	
13	?	?	
14	?	?	
15	?	?	
16	?	?	
17	?	?	

	RURAL	(00000)
--	-------	---------

RURAL (99999)		ROLLING (2)		MOUNTAINOUS (3)	
6	6	6	6	6	6
FLAT (1)					

FLAT (1)	4	78	88	ROLLING (2)	06	75	MOUNTAINOUS (3)
25 MPH (2)	45 MPH (2)	25 MPH (2)	25 MPH (2)	25 MPH (2)		25 MPH (2)	

35 MPH (2)	45 MPH (2)	35 MPH (2)	20 MPH (2)	30 MPH (2)	35 MPH (2)
------------	------------	------------	------------	------------	------------

[illegible]

B74 0036 00321	B74 0036 00654	B74 0036 00893	B74 0036 00971
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	17,400	14,904	11,413	10,821	
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19,000	14,757	11,300	10,714
--------	--------	--------	--------

17,088	14,506	11,526	10,533
--------	--------	--------	--------

0.03	0.04
------	------

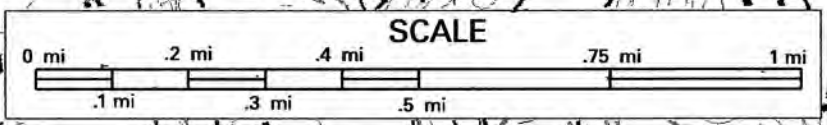
[illegible]

	MINOR ARTERIAL (4)	
--	--------------------	--

[illegible][illegible]

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

0.00 miles



15

36C (5.21 MI)

structure
over
paid

N O N E
S T A T E

13.8	(BR-036-1(15), 2003 BRIDGE REPLACEMENT)	STP - 0900 (39), 1996 RESURFACE
------	--	---------------------------------



15

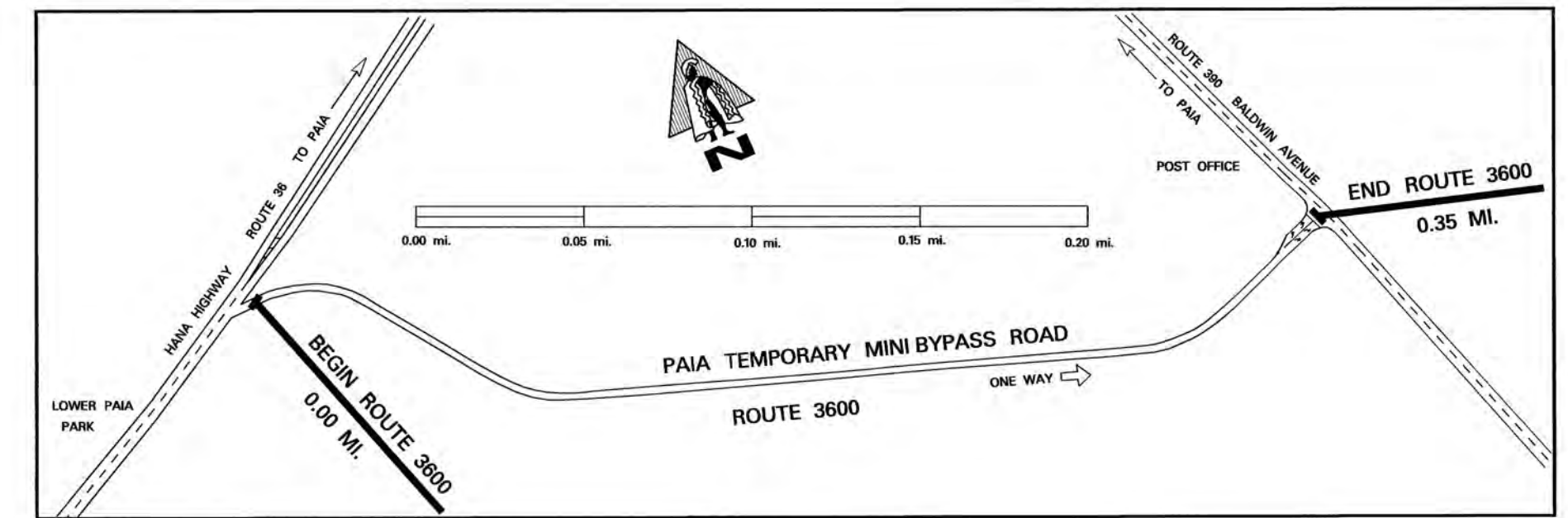
15

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

**PREPARED BY THE
HIGHWAYS PLANNING BRANCH**

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

SCALE: (In Miles) 4" = 1 mile



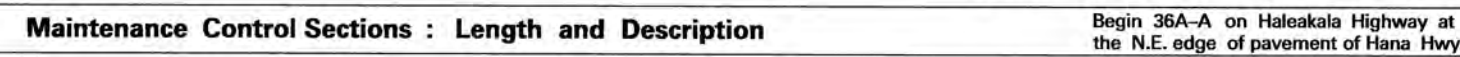
Sheet 4 of 4 MAUI RTE 36

Total Route Length: 0.51 miles

a. Survey Length: 0.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles



 Indicates Grass & / or Physical Barrier on Median.

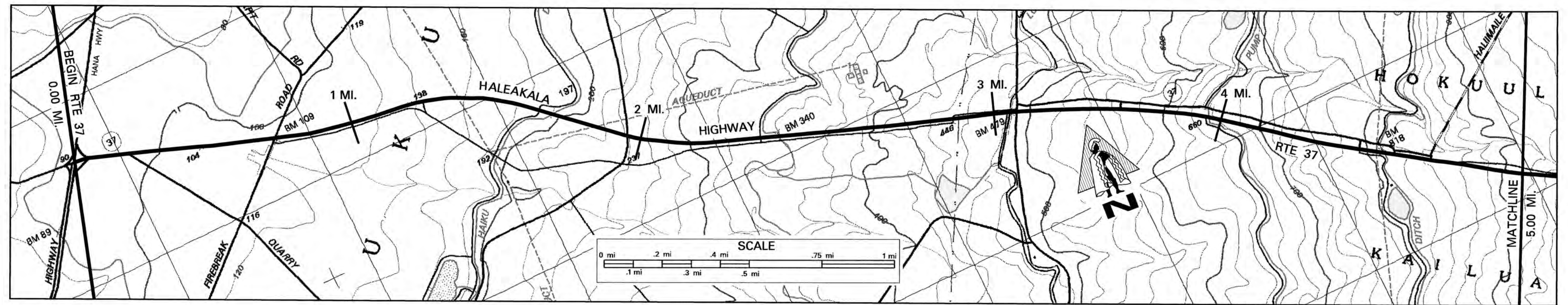
SCALE: (In Miles) 20" = 1 mile

ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY & KULA 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: 21.39 miles
a. Survey Length: 21.39 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

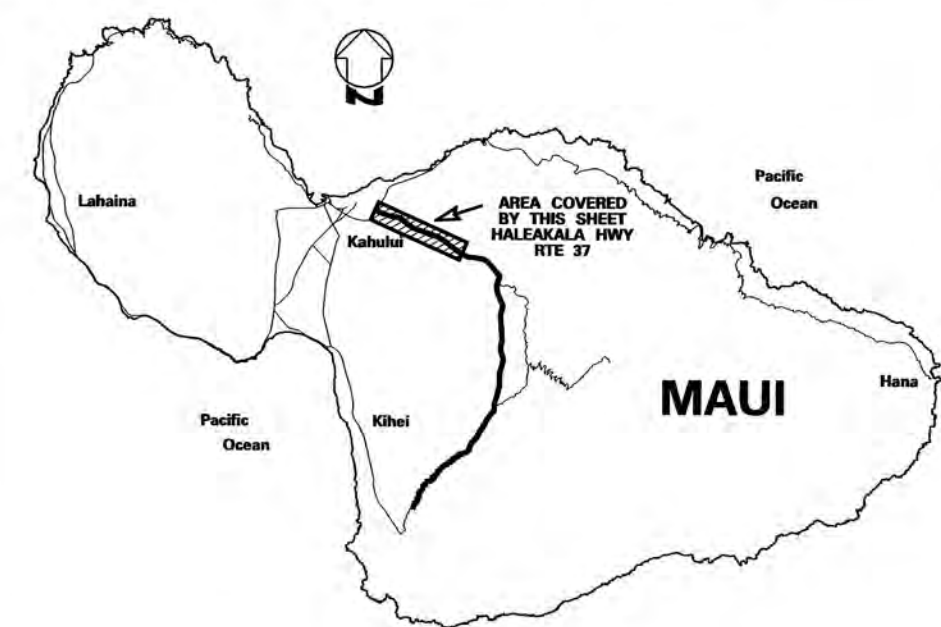


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

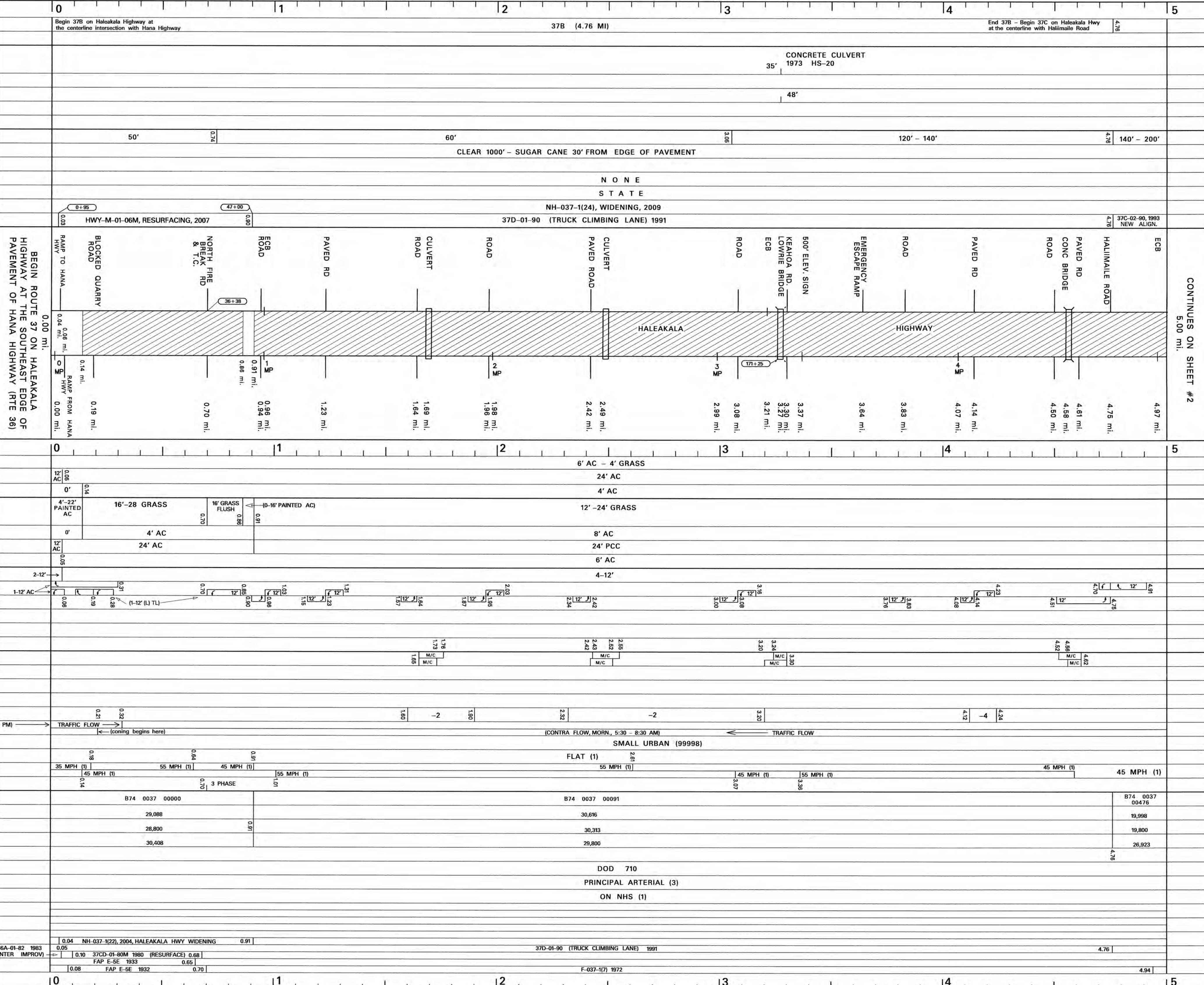
SCALE: (In Miles) 4" = 1 mile

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) 4" = 1 mile

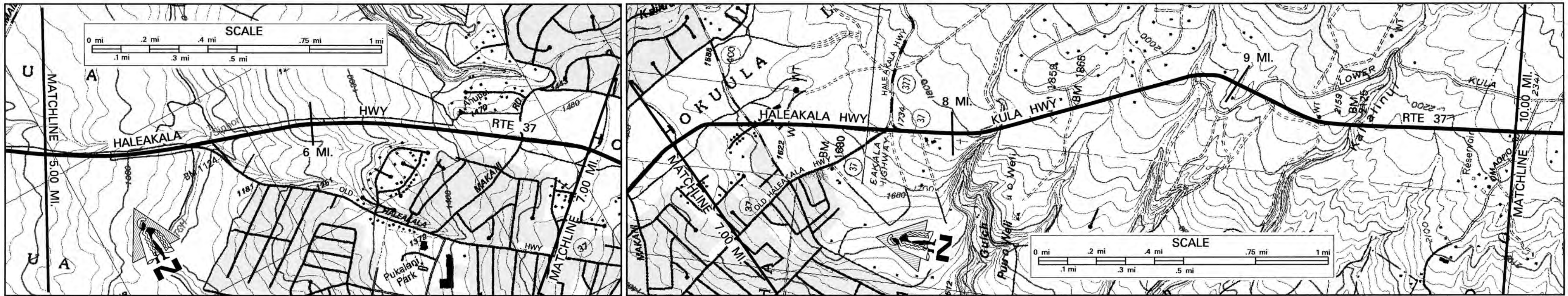


ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY & KULA HWY

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: 21.39 miles
a. Survey Length: 21.39 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

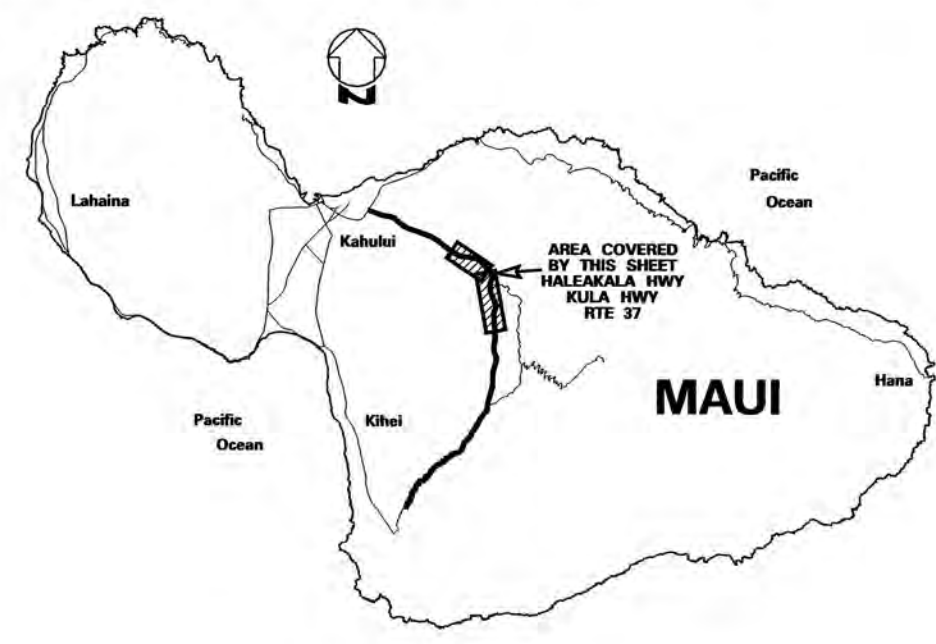


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

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



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET # 1

CONTINUES ON SHEET # 3

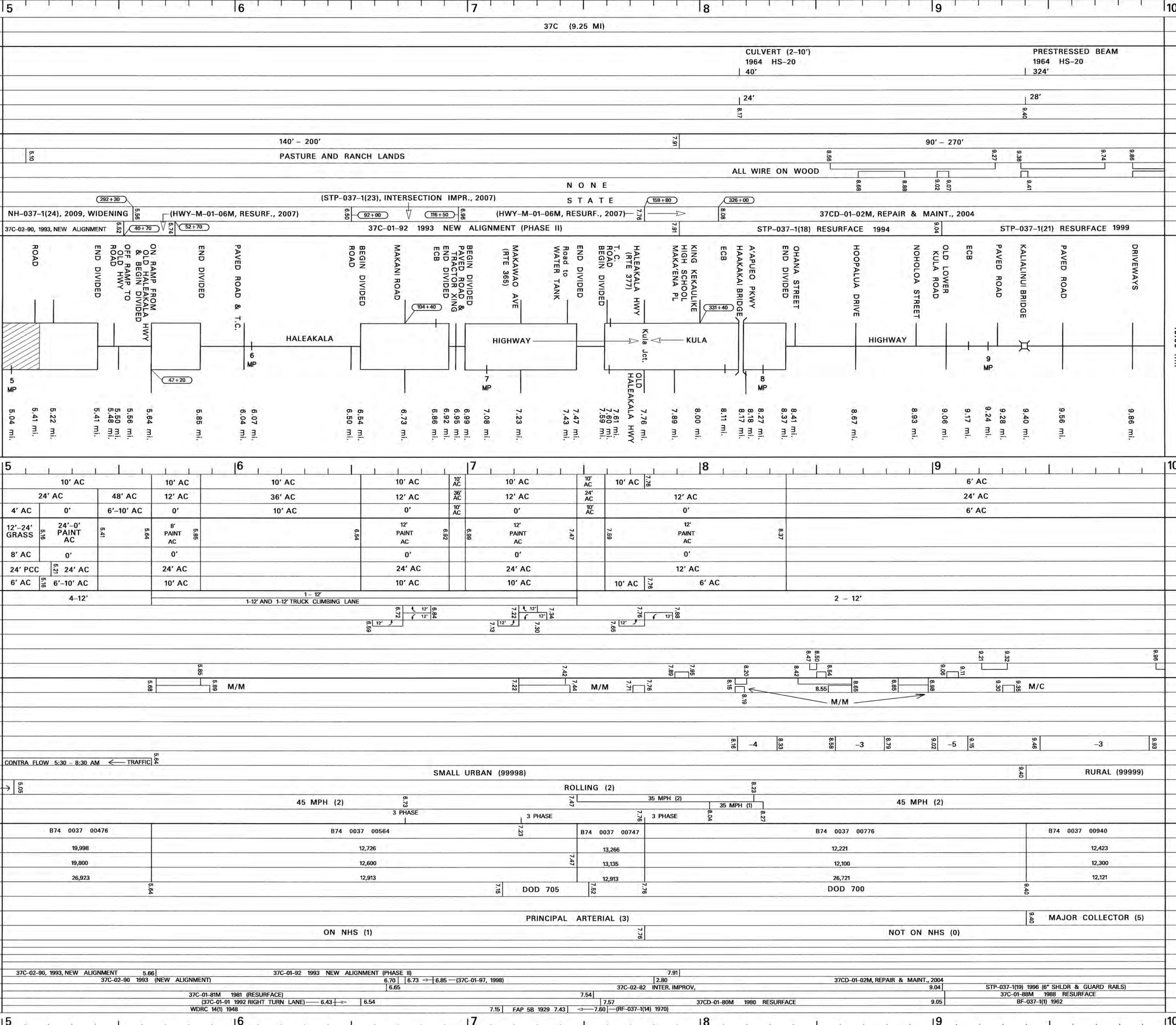
SCALE: (In Miles) 4" = 1 mile

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) 4" = 1 mile



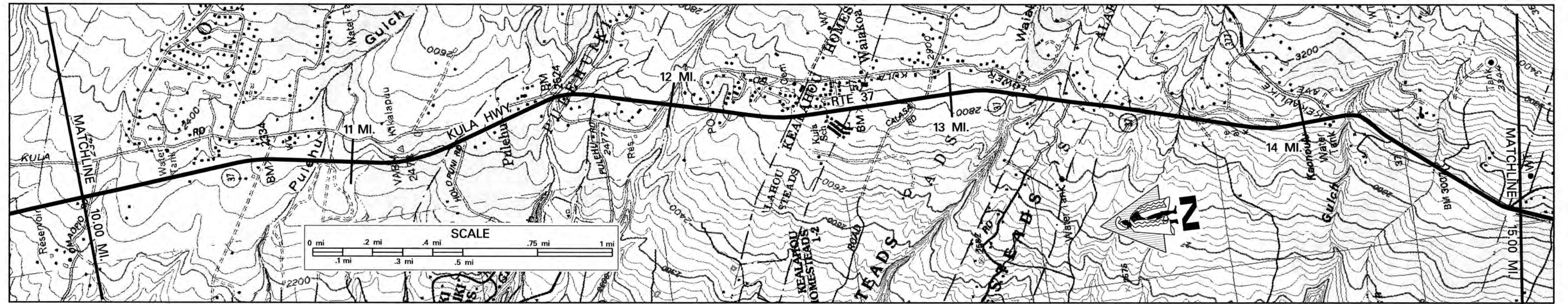
Date Released	Revised
Oct 2004 GN	
Nov, 06 D.B.	
Feb, 08 D.B.	
Jan, 10 D.B.	
Feb, 11 D.B.	
Feb, 12 D.B.	

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Total Route Length: 21.39 miles
a. Survey Length: 21.39 miles
b. Proposed Length: 0.00 miles
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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 Cross Road	Horizontal Clearance
	Vertical Clearance
Structure Cross 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

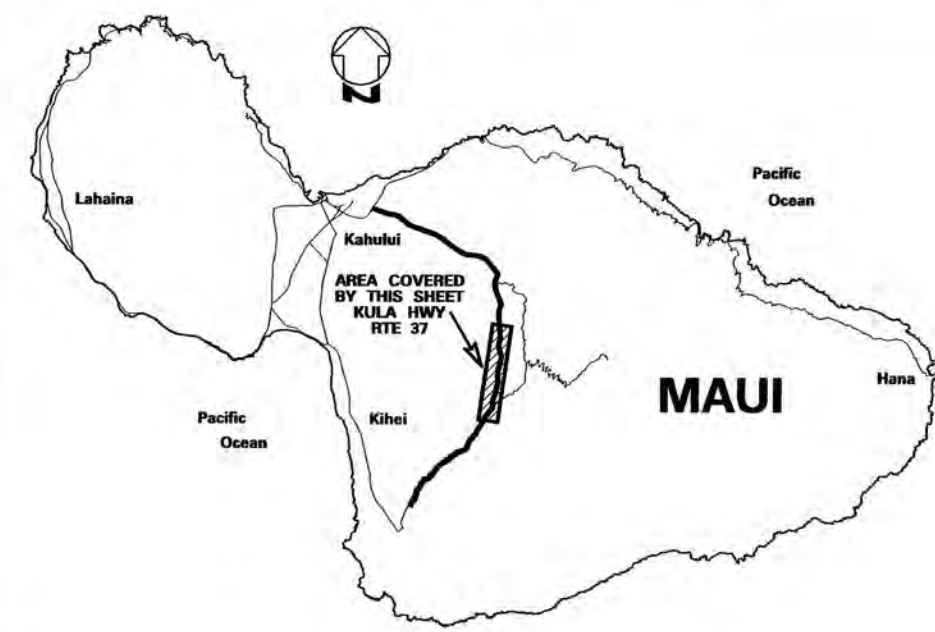
All fences: Wire on Wood (unless indicated)

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) 4" = 1 mile

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

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(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)

ALL GUTTERS 2' AC

Protective Devices: Type, Location and Number

METAL ON METAL / METAL ON CONCRETE

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

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HPMS Sections - AADT 2010

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HPMS Sections - AADT 2008

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Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

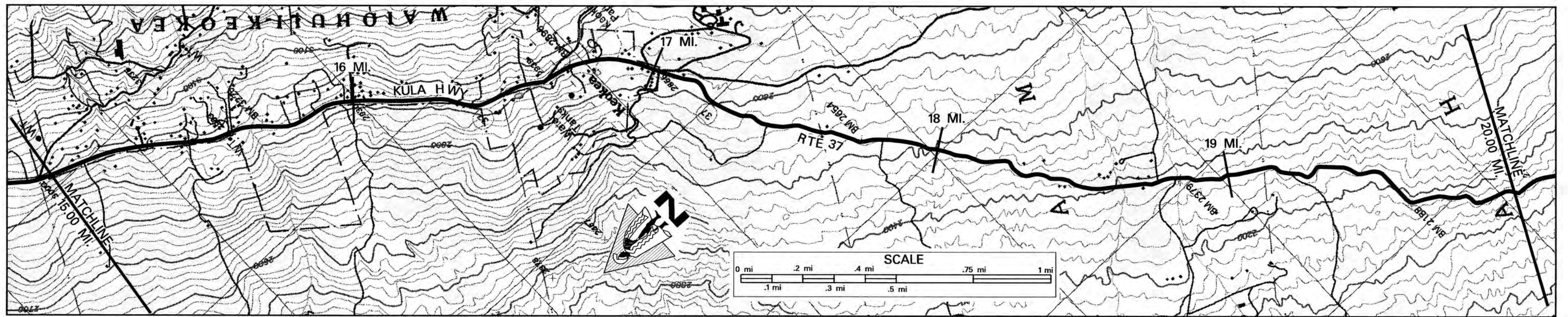
SCALE: (In Miles) 4" = 1 mile

10	11	12	13	14	15
37C (9.25 MI)		END 37C - BEG. 37D ON KULA HWY AT THE CENTERLINE OF KEAULIKE AVE			
PRESTRESSED BEAM 1964, HS-20 164'		RC DECK GIRDER 1933, H-15 75'			
28'		24'			
PASTURE AND RANCH LANDS		RESIDENTIAL			
NONE		STATE			
37CD-01-02M, REPAIR & MAINT., 2004		37CDE-01-07M, RESURFACE, 2010			
POLUPOLI ROAD		15.00 mi.			
"ELEV. 3000" SIGN CULVERT		14.97 mi. 14.80 mi. 14.65 mi. 14.65 mi.			
MAUDS PLACE KAPOLOA BRIDGE KEAULIKE AVE (Route 377)		14.37 mi. 14.33 mi. 14.30 mi. 14.25 mi.			
LOWER KULA ROAD		14.10 mi.			
CULVERT		13.99 mi.			
CULVERT		13.88 mi.			
CULVERT		13.76 mi.			
NAALAE ROAD		13.39 mi. 13.30 mi.			
COPP ROAD		12.95 mi.			
CALASA ROAD		12.85 mi.			
KULA ELEM. SCHOOL		12.68 mi.			
KULA ELEM. SCHOOL		12.58 mi.			
POST OFFICE ROAD		12.29 mi. 12.23 mi. 12.17 mi.			
LOWER KULA ROAD		12.02 mi.			
KEAHUAWI BRIDGE		11.78 mi.			
KAMEHAMEKI ROAD		11.65 mi.			
LOWER KULA ROAD		11.45 mi.			
KE STREET		11.31 mi. 11.29 mi. 11.28 mi.			
HOLOPUNI ROAD ECB		10.85 mi.			
PAVED ROAD		10.63 mi.			
END DIVIDED		10.45 mi.			
ROAD TO ENCHANTING GARDENS		10.33 mi. 10.25 mi. 10.20 mi.			
BEGIN DIVIDED		10.12 mi.			
KEONI PLACE (R) DRIVEWAY (L)		10.03 mi.			
OMAOPIO ROAD					
10	11	12	13	14	15
24' AC	12' AC	6' AC	2' - 6' AC	2' - 6' AC	2' - 6' AC
6' AC	0	6' AC	2' - 20' AC	2' - 6' AC	2' - 6' AC
10.20	12' PAINT	10.48			
0	0	12' AC			
6' AC	6' AC	6' AC			
10.40	10.38	10.36	10.34	10.32	10.30
10.28	10.26	10.24	10.22	10.20	10.18
10.16	10.14	10.12	10.10	10.08	10.06
10.04	10.02	10.00	9.98	9.96	9.94
9.92	9.90	9.88	9.86	9.84	9.82
9.80	9.78	9.76	9.74	9.72	9.70
9.68	9.66	9.64	9.62	9.60	9.58
9.56	9.54	9.52	9.50	9.48	9.46
9.44	9.42	9.40	9.38	9.36	9.34
9.32	9.30	9.28	9.26	9.24	9.22
9.20	9.18	9.16	9.14	9.12	9.10
9.08	9.06	9.04	9.02	9.00	8.98
8.96	8.94	8.92	8.90	8.88	8.86
8.84	8.82	8.80	8.78	8.76	8.74
8.72	8.70	8.68	8.66	8.64	8.62
8.60	8.58	8.56	8.54	8.52	8.50
8.48	8.46	8.44	8.42	8.40	8.38
8.36	8.34	8.32	8.30	8.28	8.26
8.24	8.22	8.20	8.18	8.16	8.14
8.12	8.10	8.08	8.06	8.04	8.02
8.00	7.98	7.96	7.94	7.92	7.90
7.88	7.86	7.84	7.82	7.80	7.78
7.76	7.74	7.72	7.70	7.68	7.66
7.64	7.62	7.60	7.58	7.56	7.54
7.52	7.50	7.48	7.46	7.44	7.42
7.40	7.38	7.36	7.34	7.32	7.30
7.28	7.26	7.24	7.22	7.20	7.18
7.16	7.14	7.12	7.10	7.08	7.06
7.04	7.02	7.00	6.98	6.96	6.94
6.92	6.90	6.88	6.86	6.84	6.82
6.80	6.78	6.76	6.74	6.72	6.70
6.68	6.66	6.64	6.62	6.60	6.58
6.56	6.54	6.52	6.50	6.48	6.46
6.44	6.42	6.40	6.38	6.36	6.34
6.32	6.30	6.28	6.26	6.24	6.22
6.20	6.18	6.16	6.14	6.12	6.10
6.08	6.06	6.04	6.02	6.00	5.98
5.96	5.94	5.92	5.90	5.88	5.86
5.84	5.82	5.80	5.78	5.76	5.74
5.72	5.70	5.68	5.66	5.64	5.62
5.60	5.58	5.56	5.54	5.52	5.50
5.48	5.46	5.44	5.42	5.40	5.38
5.36	5.34	5.32	5.30	5.28	5.26
5.24	5.22	5.20	5.18	5.16	5.14
5.12	5.10	5.08	5.06	5.04	5.02
5.00	4.98	4.96	4.94	4.92	4.90
4.88	4.86	4.84	4.82	4.80	4.78
4.76	4.74	4.72	4.70	4.68	4.66
4.64	4.62	4.60	4.58	4.56	4.54
4.52	4.50	4.48	4.46	4.44	4.42
4.40	4.38	4.36	4.34	4.32	4.30
4.28	4.26	4.24	4.22	4.20	4.18
4.16	4.14	4.12	4.10	4.08	4.06
4.04	4.02	4.00	3.98	3.96	3.94
3.92	3.90	3.88	3.86	3.84	3.82
3.80	3.78	3.76	3.74	3.72	3.70
3.68	3.66	3.64	3.62	3.60	3.58
3.56	3.54	3.52	3.50	3.48	3.46
3.44	3.42	3.40	3.38	3.36	3.34
3.32	3.30	3.28	3.26	3.24	3.22
3.20	3.18	3.16	3.14	3.12	3.10
3.08	3.06	3.04	3.02	3.00	2.98
2.96	2.94	2.92	2.90	2.88	2.86
2.84	2.82	2.80	2.78	2.76	2.74
2.72	2.70	2.68	2.66	2.64	2.62
2.60	2.58	2.56	2.54	2.52	2.50
2.48	2.46	2.44	2.42	2.40	2.38
2.36	2.34	2.32	2.30	2.28	2.26
2.24	2.22	2.20	2.18	2.16	2.14
2.12	2.10	2.08	2.06	2.04	2.02
2.00	1.98	1.96	1.94	1.92	1.90
1.88	1.86	1.84	1.82	1.80	1.78
1.76	1.74	1.72	1.70	1.68	1.66
1.64	1.62	1.60	1.58	1.56	1.54
1.52	1.50	1.48	1.46	1.44	1.42
1.40	1.38	1.36	1.34	1.32	1.30
1.28	1.26	1.24	1.22	1.20	1.18
1.16	1.14	1.12	1.10	1.08	1.06
1.04	1.02	1.00	0.98	0.96	0.94
0.92	0.90	0.88	0.86	0.84	0.82
0.80	0.78	0.76	0.74	0.72	0.70
0.68	0.66	0.64	0.62	0.60	0.58
0.56	0.54	0.52	0.50	0.48	0.46
0.44	0.42	0.40	0.38	0.36	0.34
0.32	0.30	0.28	0.26	0.24	0.22
0.20	0.18	0.16	0.14	0.12	0.10
0.08	0.06	0.04	0.02	0.00	-0.02
-0.04	-0.06	-0.08	-0.10	-0.12	-0.14
-0.16	-0.18	-0.20	-0.22	-0.24	-0.26
-0.28	-0.30	-0.32	-0.34	-0.36	-0.38
-0.40	-0.42	-0.44	-0.46	-0.48	-0.50
-0.52	-0.54	-0.56	-0.58	-0.60	-0.62
-0.64	-0.66	-0.68	-0.70	-0.72	-0.74
-0.76	-0.78	-0.80	-0.82	-0.84	-0.86
-0.88	-0.90	-0.92	-0.94	-0.96	-0.98
-1.00	-1.02	-1.04	-1.06	-1.08	-1.10
-1.12	-1.14	-1.16	-1.18	-1.20	-1.22
-1.24	-1.26	-1.28	-1.30	-1.32	-1.34
-1.36	-1.38	-1.40	-1.42	-1.44	-1.46
-1.48	-1.50	-1.52	-1.54	-1.56	-1.58
-1.60	-1.62	-1.64	-1.66	-1.68	-1.70
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-1.84	-1.86	-1.88	-1.90	-1.92	-1.94
-1.96	-1.98	-2.00	-2.02	-2.04	-2.06
-2.08	-2.10	-2.12	-2.14	-2.16	-2.18
-2.20	-2.22	-2.24	-2.26	-2.28	-2.30
-2.32	-2.34	-2.36	-2.38	-2.40	-2.42
-2.44	-2.46	-2.48	-2.50	-2.52	-2.54
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-2.80	-2.82	-2.84	-2.86	-2.88	-2.90
-2.92	-2.94	-2.96	-2.98	-3.00	-3.02
-3.04	-3.06	-3.08	-3.10	-3.12	-3.14
-3.16	-3.18	-3.20	-3.22	-3.24	-3.26
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-4.00	-4.02	-4.04	-4.06	-4.08	-4.10
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-7.00	-7.02	-7.04	-7.06	-7.08	-7.10
-7.12	-7.14	-7.16	-7.18	-7.20	-7.22
-7.24	-7.26	-7.28	-7.30	-7.32	-7.34
-7.36	-7.38	-7.40	-7.42	-7.44	-7.46
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-7.84	-7.86	-7.88	-7.90	-7.92	-7.94
-7.96	-7.98	-8.00	-8.02	-8.04	-8.06
-8.08	-8.10	-8.12	-8.14	-8.16	-8.18
-8.20	-8.22	-8.24	-8.26	-8.28	-8.30
-8.32	-8.34	-8.36	-8.38	-8.40	-8.42
-8.44	-8.46	-8.48	-8.50	-8.52	-8.54
-8.56	-8.58	-8.60	-8.62	-8.64	-8.66
-8.68	-8.70	-8.72	-8.74	-8.76	-8.78
-8.80	-8.82	-8.84	-8.86	-8.88	-8.90
-8.92	-8.94	-8.96	-8.98	-9.00	-9.02
-9.04	-9.06	-9.08	-9.10	-9.12	-9.14
-9.16	-9.18	-9.20	-9.22	-9.24	-9.26
-9.28	-9.30	-9.32	-9.34	-9.36	-9.38
-9.40	-9.42	-9.44	-9.46	-9.48	-9.50
-9.52	-9.54	-9.56	-9.58	-9.60	-9.62
-9.64	-9.66	-9.68	-9.70	-9.72	-9.74
-9.76	-9.78	-9.80	-9.82	-9.84	-9.86
-9.88	-9.90	-9.92	-9.94	-9.96	-9.98
-10.00	-10.02	-10.04	-10.06	-10.08	-10.10
-10.12	-10.14	-10.16	-10.18	-10.20	-10.22
-10.24	-10.26	-10.28	-10.30	-10.32	-10.34
-10.36	-10.38	-10.40	-10.42	-10.44	-10.46
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-10.84	-10.86	-10.88	-10.90	-10.92	-10.94
-10.96	-10.98	-11.00	-11.02	-11.04	-11.06
-11.08	-11.10	-11.12	-11.14	-11.16	-11.18
-11.20	-11.22	-11.24	-11.26	-11.28	-11.30
-11.32	-11.34	-11.36	-11.38	-11.40	-11.42
-11.44	-11.46	-11.48	-11.50	-11.52	-11.54
-11.56	-11.58	-11.60	-11.62	-11.64	-11.66
-11.68	-11.70	-11.72	-11.74	-11.76	-11.78
-11.80	-11.8				

ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY & KULA 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: 21.39 miles
a. Survey Length: 21.39 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

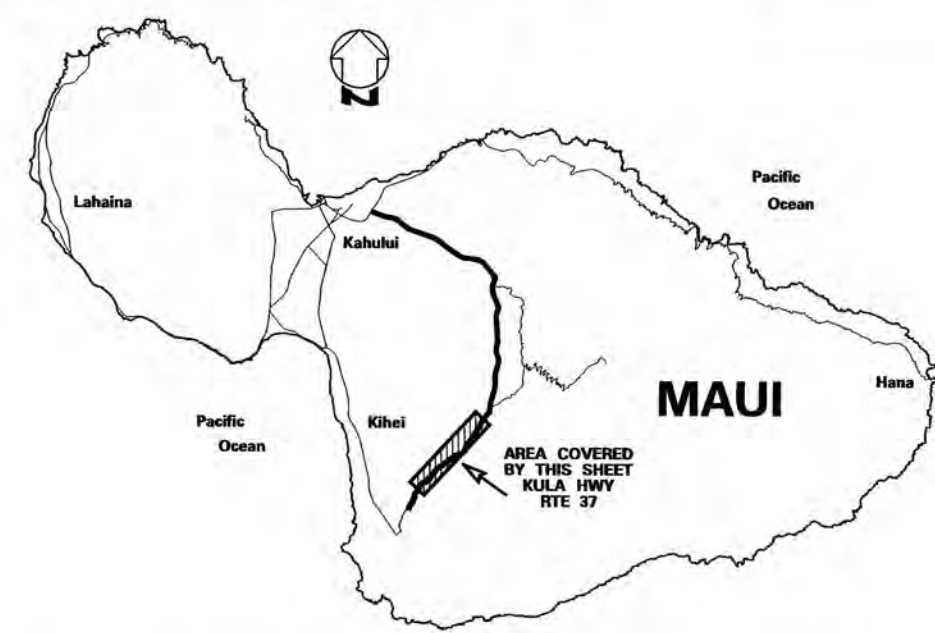


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

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



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #3

CONTINUES ON SHEET # 5

SCALE: (In Miles) 4" = 1 mile

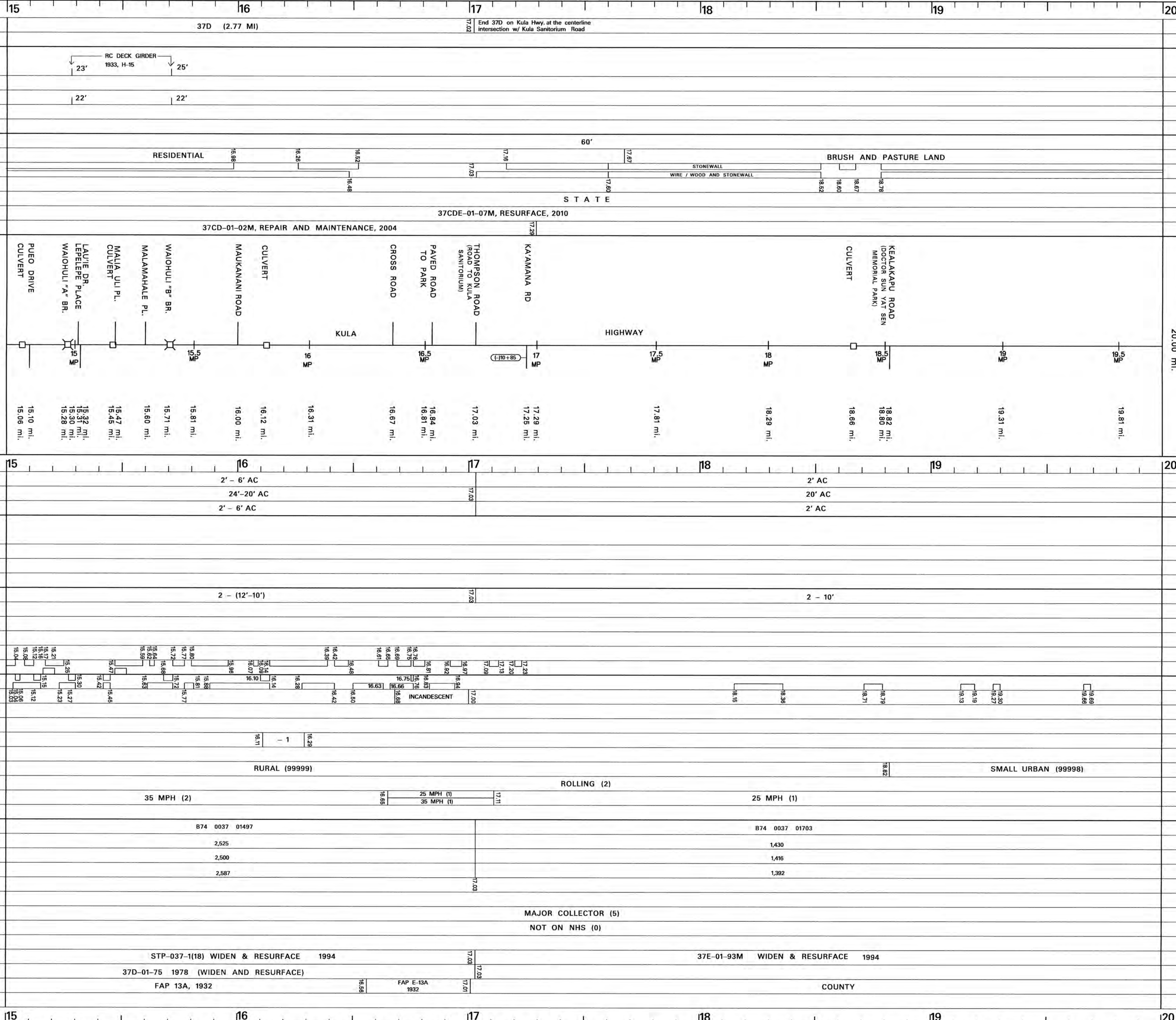
Divided Highway	Shoulder: Width and Type
	Pavement: Width and Type
	Shoulder: Width and Type
	Median: Width and Type
Undivided	Shoulder: Width and Type
	Pavement: Width and Type
	Shoulder: Width and Type

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)

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



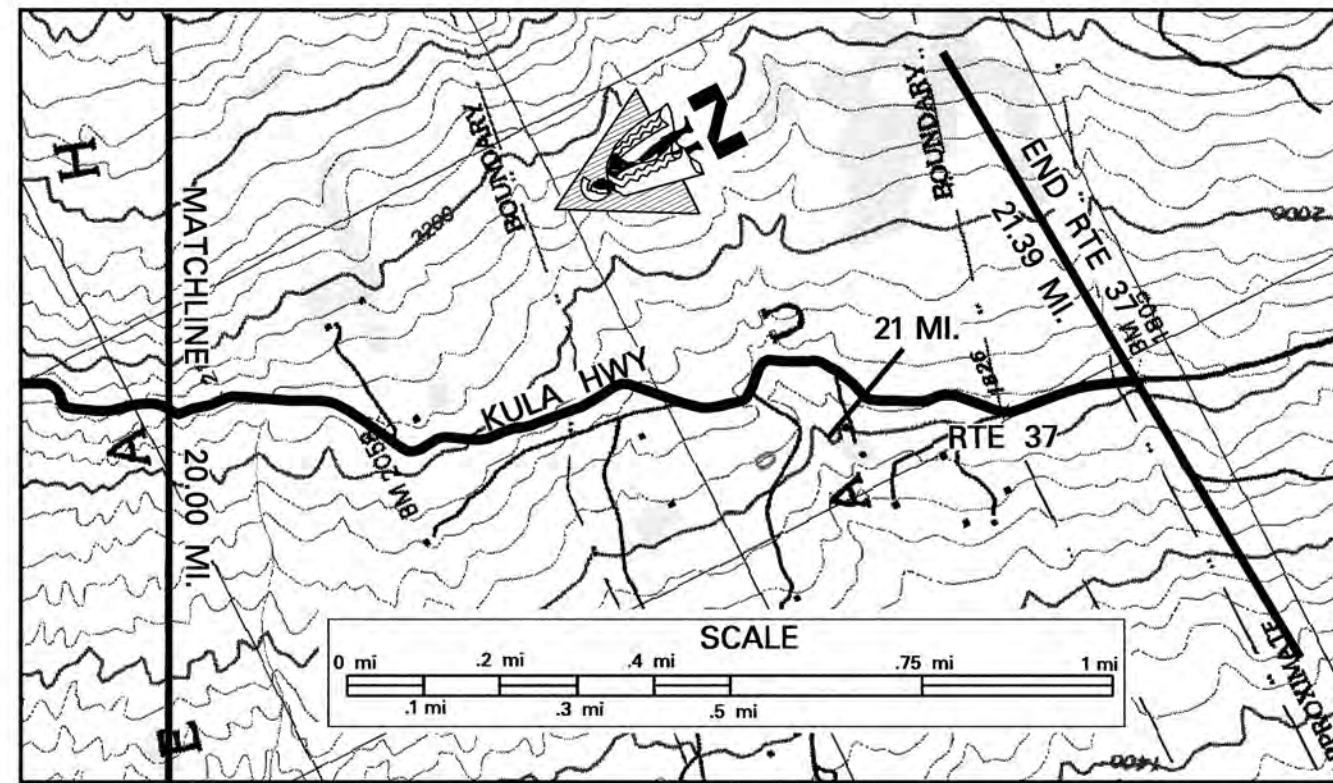
Date Released	Revised
Oct 2004 GN	
Nov., 06	D.B.
Jan., 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.

ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY & KULA 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: 21.39 miles
a. Survey Length: 21.39 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

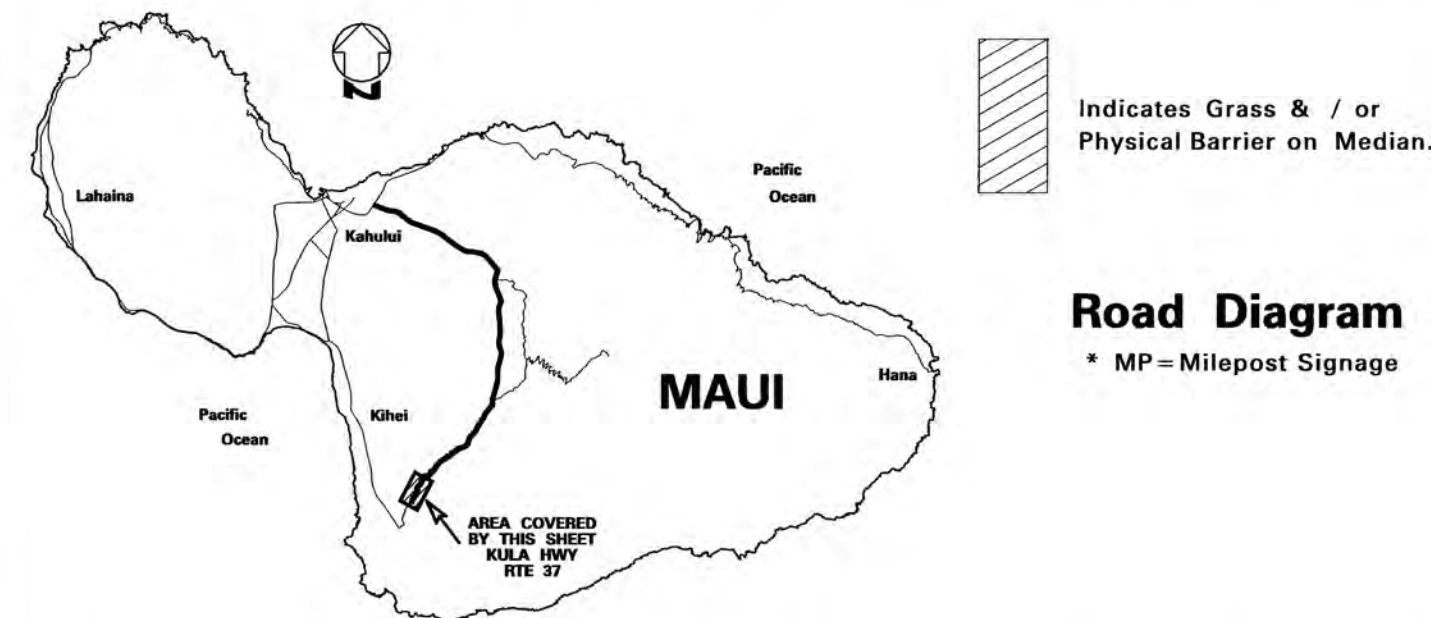


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

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



SCALE: (In Miles) 4" = 1 mile

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

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
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

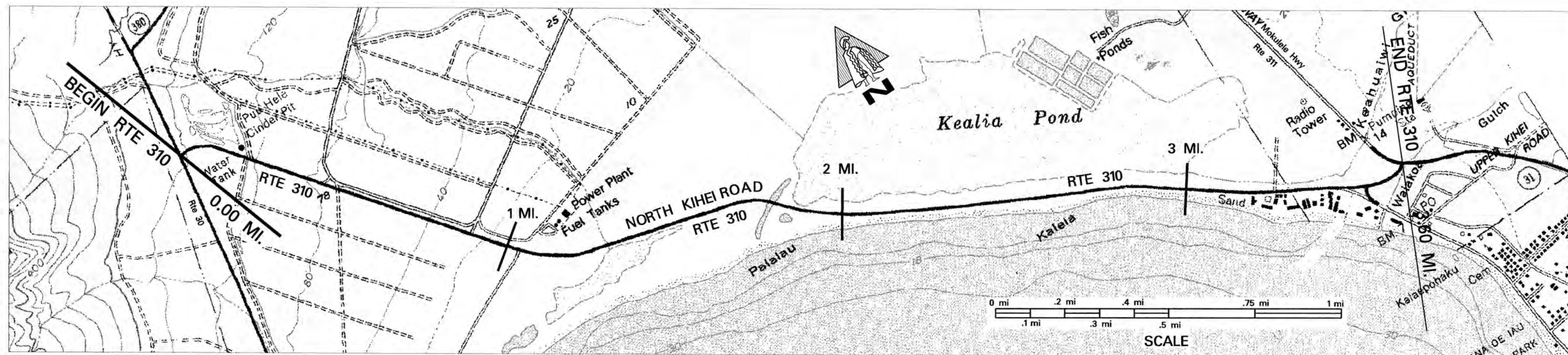
20	21	22	23	24	25
60'					
BRUSH AND PASTURE LAND					
WIRE ON WOOD					
WIRE ON WOOD					
STATE					
37CDE-01-07M, RESURFACE, 2010					
37E-01-93M RESURFACE 1994					
END ROUTE 37 ON KULA HIGHWAY @ THE CENTERLINE OF MAKENNA ROAD					
21.39 mi.					
KULA HIGHWAY					
20.00 mi.					
20.32 mi.					
20.76 mi.					
20.94 mi.					
21.21 mi.					
21.33 mi.					
END STATE HWY SIGN DRIVEWAY					
ECB					
SMALL URBAN (99998)					
ROLLING (2)					
25 MPH (1)					
NOT POSTED					
B74 0037 01703					
1,430					
1,416					
1,392					
MAJOR COLLECTOR (5)					
NOT ON NHS (0)					
COUNTY					
20	21	22	23	24	25

ROAD INVENTORY
MAUI RTE 310
NORTH KIHAI 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: 3.60 MILES (a+b)
a. Existing Length: 3.60 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 3.60 MILES (a+b, less c)
a. Existing Length: 3.60 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
Vertical Clearance
Horizontal Clearance
Structure Over Road
Vertical Clearance
Horizontal Clearance

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)

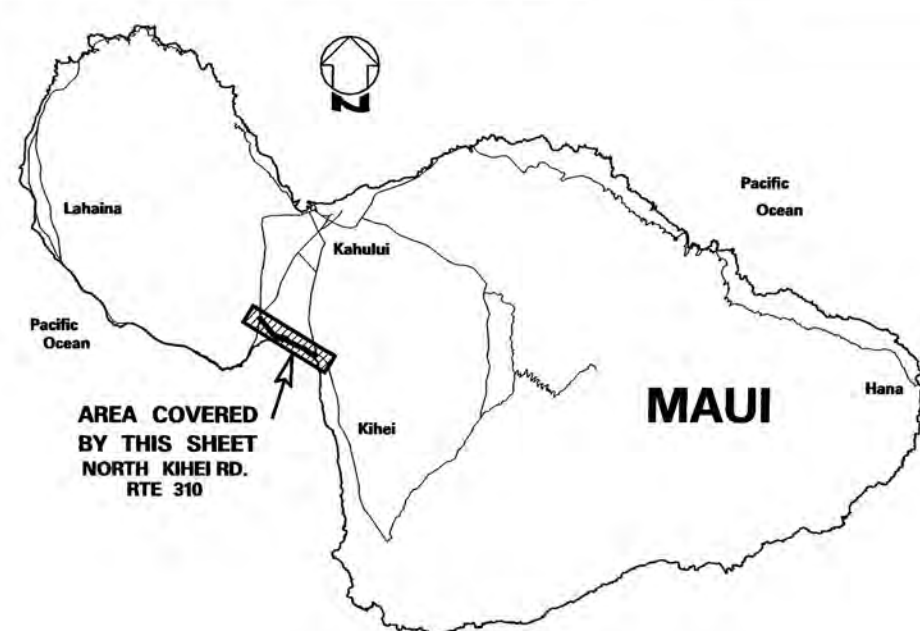
Right of Way Fence: Type - Right and Left

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

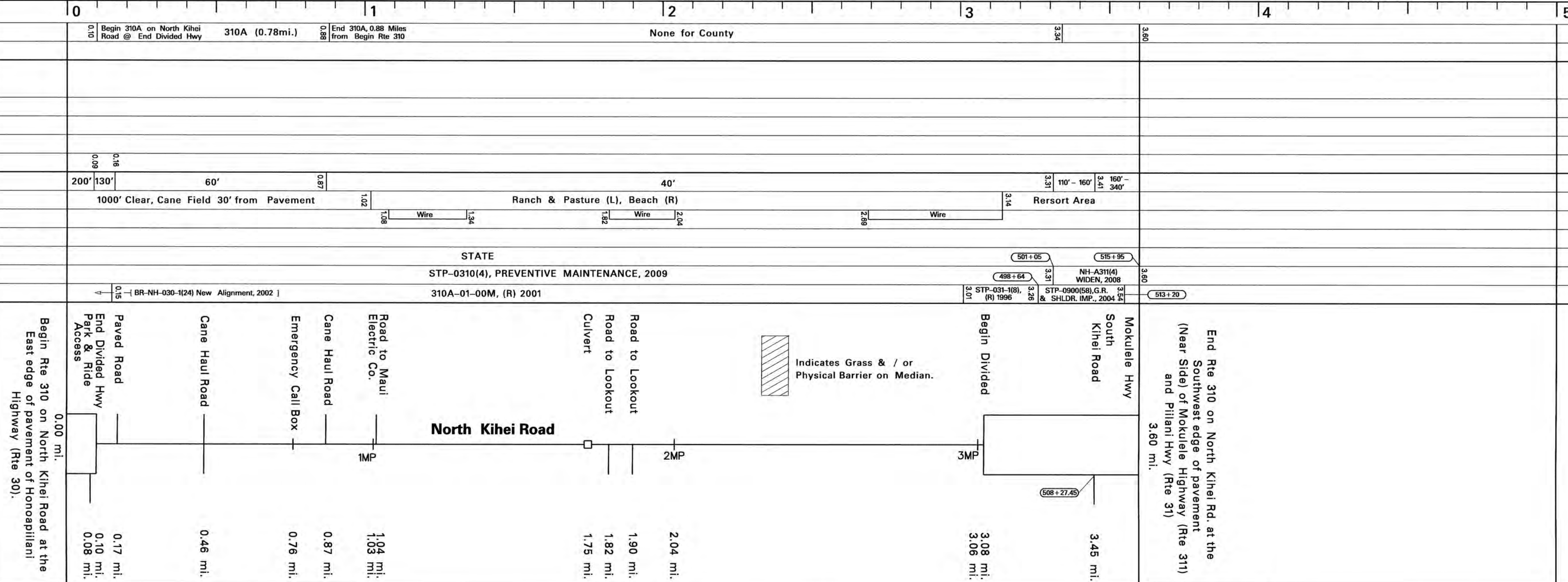
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 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

Shoulder: Width and Type

Pavement: Width and Type Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10

Shoulder: Width and Type

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10

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

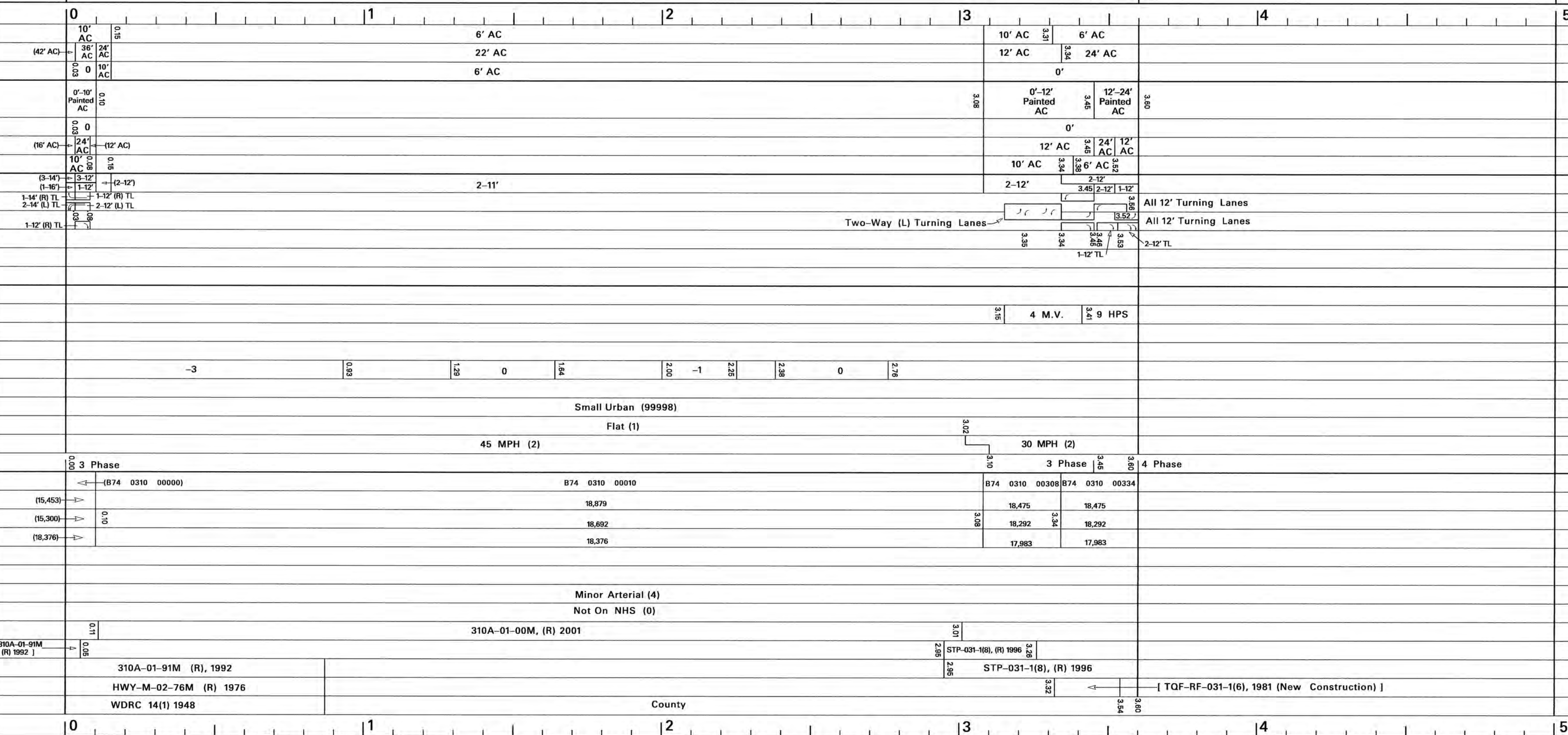
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



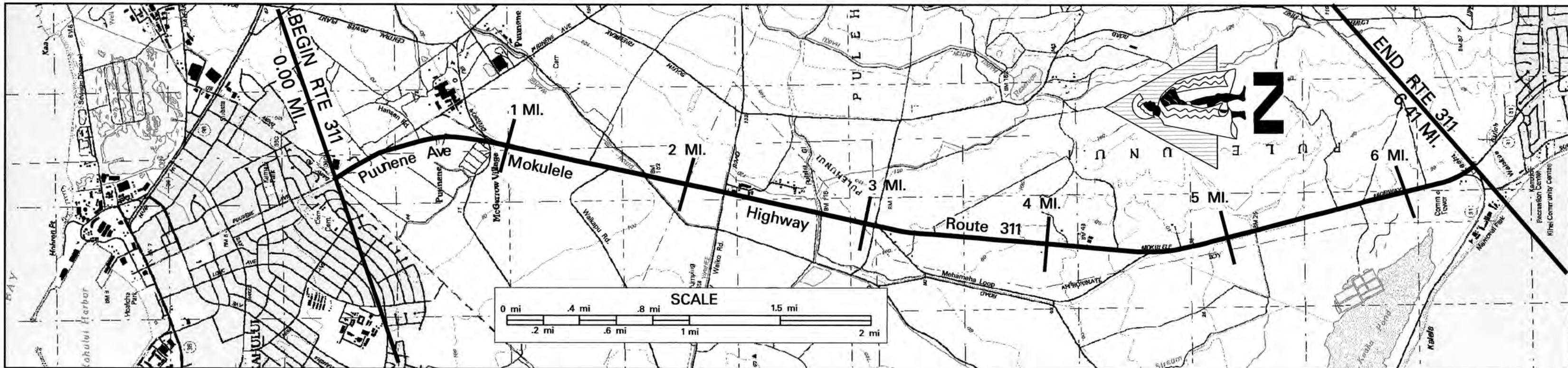
SCALE: (In Miles) 4" = 1 mile

Date Released	Revised
July 2002, DB	
Aug. 04 D.B.	
Nov., 06 D.B.	
Mar., 08 D.B.	
Jan., 09 D.B.	
Jan., 10 D.B.	
Feb. 11 D.B.	
Feb. 12 D.B.	

ROAD INVENTORY
MAUI RTE 311

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

Total Route Length:	6.41	miles
a. Survey Length:	6.41	miles
b. Proposed Length:	0.00	miles
c. Other Length: *	0.00	miles

[illegible]

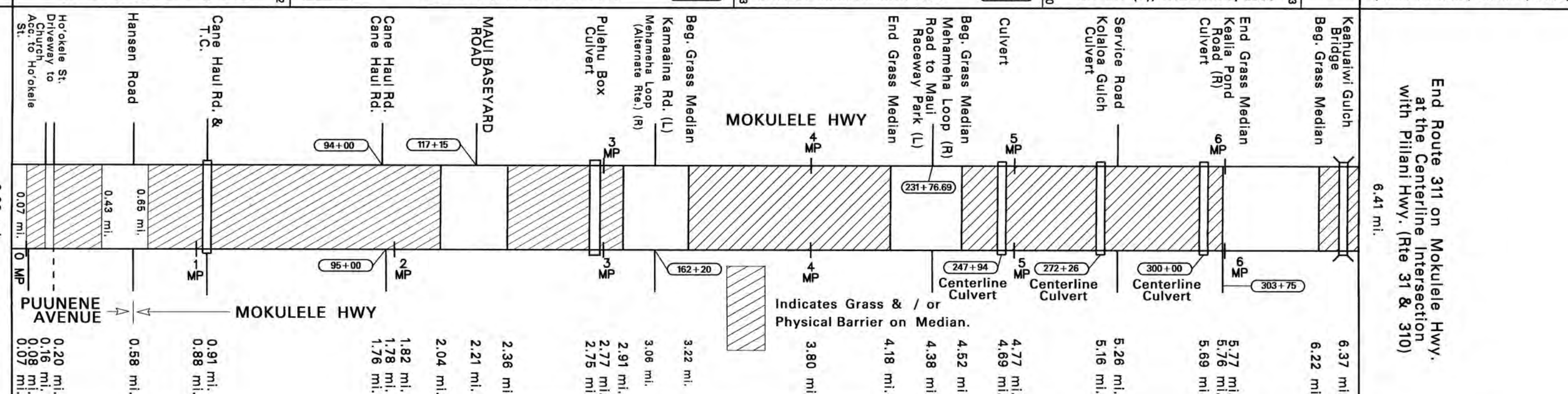
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed		10 CELL, CONC. BOX CULVERT										3 Cell Conc. Box Culvert 2008	8 Cell Conc. Box Culvert	3 Cell Conc. Box Culvert	9 Cell Conc. Box Culvert 2008			
	Vertical Clearance		134'-3"	113'(Headwall Length)										38'	107'	30'	118'		
	Horizontal Clearance																		
	Vertical Clearance		106'-8"	192'(Headwall Length)										106'	106'	141'-10"			
	Horizontal Clearance																		
	Right of Way Width (min.-max.) if varies		200' - 218'										240'			(240'-400')			
	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		NH-A311(3), Widening, 2003	NH-0311(5), WIDENING, 2005	311A-01-93M, Resurf., 1993	NH-311-(7), WIDENING, 2006													



Road Diagram

* MP = Milepost Signage

Begin Rte 311 on Puunene Ave. at
Southeast edge of pavement at
Kuihelani Highway (Rte 380),



End Route 311 on Mokuiele Hwy
at the Centerline Intersection
with Piilani Hwy. (Rte 31 & 310)
6.41 mi

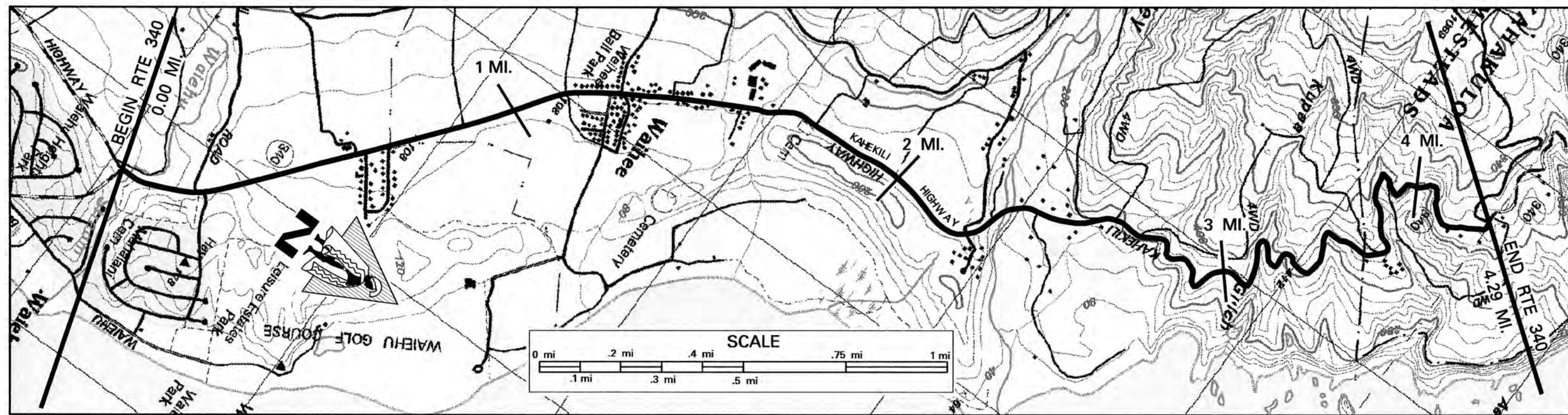
[illegible][illegible]

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
MAUI RTE 340
KAHEKILI 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: 4.29 miles
a. Survey Length: 4.29 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure
Carrying
Road

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

Vertical Clearance

Horizontal Clearance

Structure
Over
Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

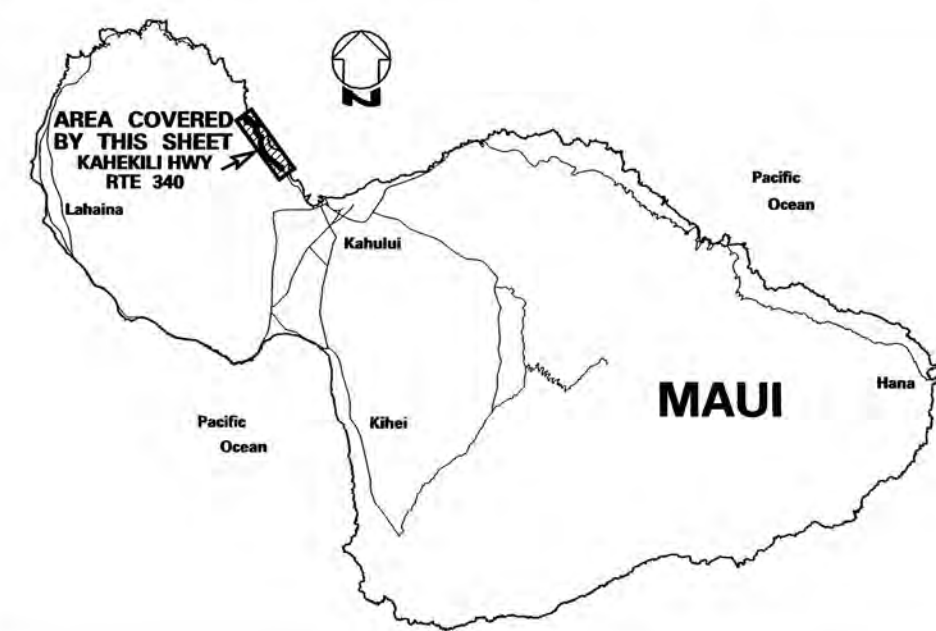
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



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

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

0 1 2 3 4 5

Begin 340 C on Kahekili Hwy 360' South of centerline intersection with Waiehu Beach Rd. 340 C (2.49 MI) 2.42 End 340 C 320' North of North end of Waiehu Bridge #2

CULVERT 1967 HS20 34' CULVERT 10' PRESTRESSED BEAM 1967 HS20 245'

24' 28'

70' - 240' 80' - 200' 40'

CLEAR 1000' SUGAR, 25' FROM PAVEMENT CHAINLINK 10' FROM PAVEMENT RES. AREA HEAVY BRUSH AND TREES / PASTURE BEYOND

1.33 1.52 2.00 2.42

NONE STATE

PERMIT #MA-07-15, IMPRVTS., 2008 340D-01-05M, RESURF., 2007

0+00 0.23 0.25 0.26 0.27 0.28 0.29 0.30 0.31 0.32 0.33 0.34 0.35 0.36 0.37 0.38 0.39 0.40 0.41 0.42 0.43 0.44 0.45 0.46 0.47 0.48 0.49 0.50 0.51 0.52 0.53 0.54 0.55 0.56 0.57 0.58 0.59 0.60 0.61 0.62 0.63 0.64 0.65 0.66 0.67 0.68 0.69 0.70 0.71 0.72 0.73 0.74 0.75 0.76 0.77 0.78 0.79 0.80 0.81 0.82 0.83 0.84 0.85 0.86 0.87 0.88 0.89 0.90 0.91 0.92 0.93 0.94 0.95 0.96 0.97 0.98 0.99 1.00 1.01 1.02 1.03 1.04 1.05 1.06 1.07 1.08 1.09 1.10 1.11 1.12 1.13 1.14 1.15 1.16 1.17 1.18 1.19 1.20 1.21 1.22 1.23 1.24 1.25 1.26 1.27 1.28 1.29 1.30 1.31 1.32 1.33 1.34 1.35 1.36 1.37 1.38 1.39 1.40 1.41 1.42 1.43 1.44 1.45 1.46 1.47 1.48 1.49 1.50 1.51 1.52 1.53 1.54 1.55 1.56 1.57 1.58 1.59 1.60 1.61 1.62 1.63 1.64 1.65 1.66 1.67 1.68 1.69 1.70 1.71 1.72 1.73 1.74 1.75 1.76 1.77 1.78 1.79 1.80 1.81 1.82 1.83 1.84 1.85 1.86 1.87 1.88 1.89 1.90 1.91 1.92 1.93 1.94 1.95 1.96 1.97 1.98 1.99 2.00 2.01 2.02 2.03 2.04 2.05 2.06 2.07 2.08 2.09 2.10 2.11 2.12 2.13 2.14 2.15 2.16 2.17 2.18 2.19 2.20 2.21 2.22 2.23 2.24 2.25 2.26 2.27 2.28 2.29 2.30 2.31 2.32 2.33 2.34 2.35 2.36 2.37 2.38 2.39 2.40 2.41 2.42 2.43 2.44 2.45 2.46 2.47 2.48 2.49 2.50 2.51 2.52 2.53 2.54 2.55 2.56 2.57 2.58 2.59 2.60 2.61 2.62 2.63 2.64 2.65 2.66 2.67 2.68 2.69 2.70 2.71 2.72 2.73 2.74 2.75 2.76 2.77 2.78 2.79 2.80 2.81 2.82 2.83 2.84 2.85 2.86 2.87 2.88 2.89 2.90 2.91 2.92 2.93 2.94 2.95 2.96 2.97 2.98 2.99 3.00 3.01 3.02 3.03 3.04 3.05 3.06 3.07 3.08 3.09 3.10 3.11 3.12 3.13 3.14 3.15 3.16 3.17 3.18 3.19 3.20 3.21 3.22 3.23 3.24 3.25 3.26 3.27 3.28 3.29 3.30 3.31 3.32 3.33 3.34 3.35 3.36 3.37 3.38 3.39 3.40 3.41 3.42 3.43 3.44 3.45 3.46 3.47 3.48 3.49 3.50 3.51 3.52 3.53 3.54 3.55 3.56 3.57 3.58 3.59 3.60 3.61 3.62 3.63 3.64 3.65 3.66 3.67 3.68 3.69 3.70 3.71 3.72 3.73 3.74 3.75 3.76 3.77 3.78 3.79 3.80 3.81 3.82 3.83 3.84 3.85 3.86 3.87 3.88 3.89 3.90 3.91 3.92 3.93 3.94 3.95 3.96 3.97 3.98 3.99 4.00 4.01 4.02 4.03 4.04 4.05 4.06 4.07 4.08 4.09 4.10 4.11 4.12 4.13 4.14 4.15 4.16 4.17 4.18 4.19 4.20 4.21 4.22 4.23 4.24 4.25 4.26 4.27 4.28 4.29

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

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340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

340D-01-05M, RESURF., 2007

ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

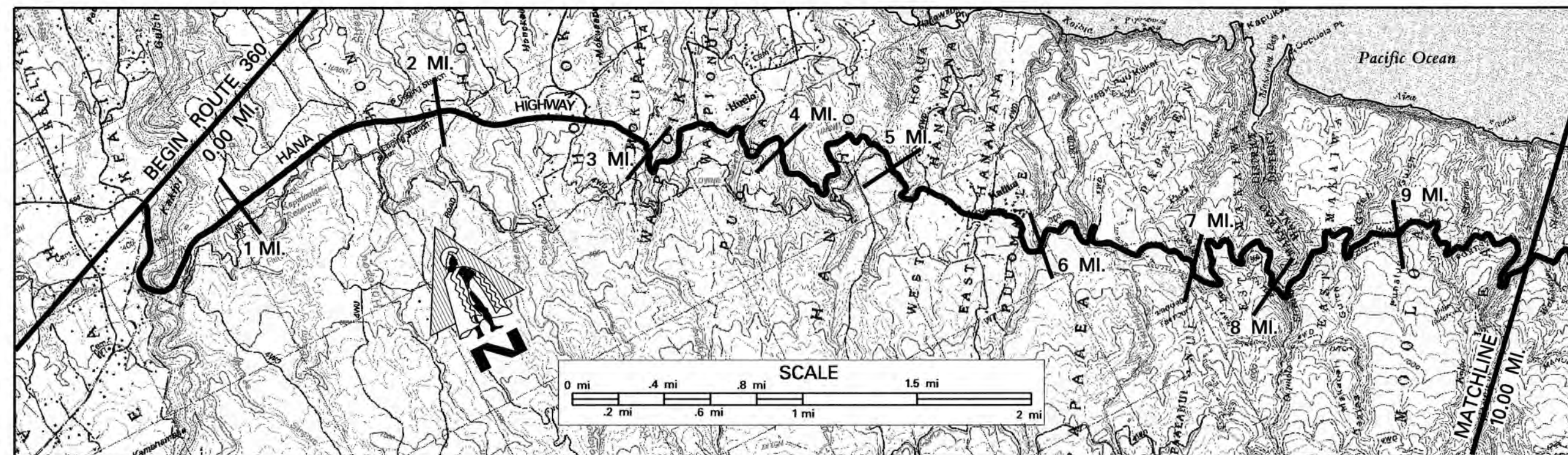
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 34.93 miles

a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

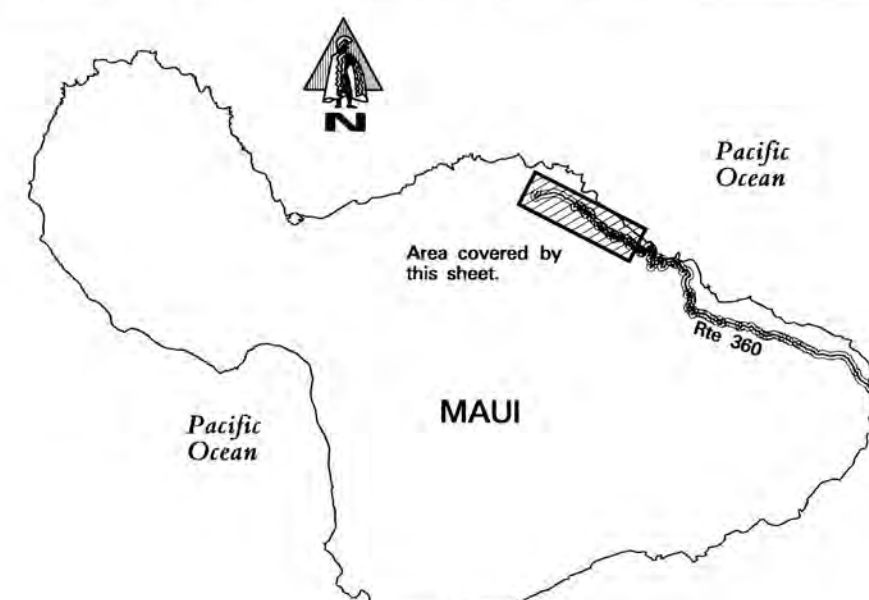
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Culvert 1966 HS 20Steel Multistringer 1941 HS 20Tee Beam 1929Tee Beam 1929 - H15Tee Beam 1930 - H15Tee Beam 1925, H15Slab 1928, H15Tee Beam 1928, H10Slab 1911, H15										
	Vertical Clearance	33'210'149'140'164'130'18'122'41'0.62.46.86.827.848.248.578.8										
	Horizontal Clearance	24'24'116'120'19'15'12'										
Structure Over Road	Vertical Clearance											
	Horizontal Clearance											
Structure Under Road	Right of Way Width (min.-max.) if varies	80'-360'0.7580'-160'2.7550'-135'4.8250'5.5740'6.77										
	Available Right of Way Width (Needs Study)	Cliffs / Pasture AreaRes. AreaBushes & Trees										
	Right of Way Fence: Type -- Right and Left	W/W - Wire on WoodWire2.712.383.353.503.554.704.804.886.196.246.286.336.386.436.486.536.586.636.686.736.786.836.886.936.987.037.087.137.187.237.287.337.387.437.487.537.587.637.687.737.787.837.887.937.988.038.088.138.188.238.288.338.388.438.488.538.588.638.688.738.788.838.888.938.989.039.089.139.189.239.289.339.389.439.489.539.589.639.689.739.789.839.889.939.9810.0310.0810.1310.1810.2310.2810.3310.3810.4310.4810.5310.5810.6310.6810.7310.7810.8310.8810.9310.9811.0311.0811.1311.1811.2311.2811.3311.3811.4311.4811.5311.5811.6311.6811.7311.7811.8311.8811.9311.9812.0312.0812.1312.1812.2312.2812.3312.3812.4312.4812.5312.5812.6312.6812.7312.7812.8312.8812.9312.9813.0313.0813.1313.1813.2313.2813.3313.3813.4313.4813.5313.5813.6313.6813.7313.7813.8313.8813.9313.9814.0314.0814.1314.1814.2314.2814.3314.3814.4314.4814.5314.5814.6314.6814.7314.7814.8314.8814.9314.9815.0315.0815.1315.1815.2315.2815.3315.3815.4315.4815.5315.5815.6315.6815.7315.7815.8315.8815.9315.9816.0316.0816.1316.1816.2316.2816.3316.3816.4316.4816.5316.5816.6316.6816.7316.7816.8316.8816.9316.9817.0317.0817.1317.1817.2317.2817.3317.3817.4317.4817.5317.5817.6317.6817.7317.7817.8317.8817.9317.9818.0318.0818.1318.1818.2318.2818.3318.3818.4318.4818.5318.5818.6318.6818.7318.7818.8318.8818.9318.9819.0319.0819.1319.1819.2319.2819.3319.3819.4319.4819.5319.5819.6319.6819.7319.7819.8319.8819.9319.9820.0320.0820.1320.1820.2320.2820.3320.3820.4320.4820.5320.5820.6320.6820.7320.7820.8320.8820.9320.9821.0321.0821.1321.1821.2321.2821.3321.3821.4321.4821.5321.5821.6321.6821.7321.7821.8321.8821.9321.9822.0322.0822.1322.1822.2322.2822.3322.3822.4322.4822.5322.5822.6322.6822.7322.7822.8322.8822.9322.9823.0323.0823.1323.1823.2323.2823.3323.3823.4323.4823.5323.5823.6323.6823.7323.7823.8323.8823.9323.9824.0324.0824.1324.1824.2324.2824.3324.3824.4324.4824.5324.5824.6324.6824.7324.7824.8324.8824.9324.9825.0325.0825.1325.1825.2325.2825.3325.3825.4325.4825.5325.5825.6325.6825.7325.7825.8325.8825.9325.9826.0326.0826.1326.1826.2326.2826.3326.3826.4326.4826.5326.5826.6326.6826.7326.7826.8326.8826.9326.9827.0327.0827.1327.1827.2327.2827.3327.3827.4327.4827.5327.5827.6327.6827.7327.7827.8327.8827.9327.9828.0328.0828.1328.1828.2328.2828.3328.3828.4328.4828.5328.5828.6328.6828.7328.7828.8328.8828.9328.9829.0329.0829.1329.1829.2329.2829.3329.3829.4329.4829.5329.5829.6329.6829.7329.7829.8329.8829.9329.9830.0330.0830.1330.1830.2330.2830.3330.3830.4330.4830.5330.5830.6330.6830.7330.7830.8330.8830.9330.9831.0331.0831.1331.1831.2331.2831.3331.3831.4331.4831.5331.5831.6331.6831.7331.7831.8331.8831.9331.9832.0332.0832.1332.1832.2332.2832.3332.3832.4332.4832.5332.5832.6332.6832.7332.7832.8332.8832.9332.9833.0333.0833.1333.1833.2333.2833.3333.3833.4333.4833.5333.5833.6333.6833.7333.7833.8333.8833.9333.9834.0334.0834.1334.1834.2334.2834.3334.3834.4334.4834.5334.5834.6334.6834.7334.7834.8334.8834.9334.9835.0335.0835.1335.1835.2335.2835.3335.3835.4335.4835.5335.5835.6335.6835.7335.7835.8335.8835.9335.9836.0336.0836.1336.1836.2336.2836.3336.3836.4336.4836.5336.5836.6336.6836.7336.7836.8336.8836.9336.9837.0337.0837.1337.1837.2337.2837.3337.3837.4337.4837.5337.5837.6337.6837.7337.7837.8337.8837.9337.9838.0338.0838.1338.1838.2338.2838.3338.3838.4338.4838.5338.5838.6338.6838.7338.7838.8338.8838.9338.9839.0339.0839.1339.1839.2339.2839.3339.3839.4339.4839.5339.5839.6339.6839.7339.7839.8339.8839.9339.9840.0340.0840.1340.1840.2340.2840.3340.3840.4340.4840.5340.5840.6340.6840.7340.7840.8340.8840.9340.9841.0341.0841.1341.1841.2341.2841.3341.3841.4341.4841.5341.5841.6341.6841.7341.7841.8341.8841.9341.9842.0342.0842.1342.1842.2342.2842.3342.3842.4342.4842.5342.5842.6342.6842.7342.7842.8342.8842.9342.9843.0343.0843.1343.1843.2343.2843.3343.3843.4343.4843.5343.5843.6343.6843.7343.7843.8343.8843.9343.9844.0344.0844.1344.1844.2344.2844.3344.3844.4344.4844.5344.5844.6344.6844.7344.7844.8344.8844.9344.9845.0345.0845.1345.1845.2345.2845.3345.3845.4345.4845.5345.5845.6345.6845.7345.7845.8345.8845.9345.9846.0346.0846.1346.1846.2346.2846.3346.3846.4346.4846.5346.5846.6346.6846.7346.7846.8346.8846.9346.9847.0347.0847.1347.1847.2347.2847.3347.3847.4347.4847.5347.5847.6347.6847.7347.7847.8347.8847.9347.9848.0348.0848.1348.1848.2348.2848.3348.3848.4348.4848.5348.5848.6348.6848.7348.7848.8348.8848.9348.9849.0349.0849.1349.1849.2349.2849.3349.3849.4349.4849.5349.5849.6349.6849.7349.7849.8349.8849.9349.9850.0350.0850.1350.1850.2350.2850.3350.3850.4350.4850.5350.5850.6350.6850.7350.7850.8350.8850.9350.9851.0351.0851.1351.1851.2351.2851.3351.3851.4351.4851.5351.5851.6351.6851.7351.7851.8351.8851.9351.9852.0352.0852.1352.1852.2352.2852.3352.3852.4352.4852.5352.5852.6352.6852.7352.7852.8352.8852.9352.9853.0353.0853.1353.1853.2353.2853.3353.3853.4353.4853.5353.5853.6353.6853.7353.7853.8353.8853.9353.9854.0354.0854.1354.1854.2354.2854.3354.3854.4354.4854.5354.5854.6354.6854.7354.7854.8354.8854.9354.9855.0355.0855.1355.1855.2355.2855.3355.3855.4355.4855.5355.5855.6355.6855.7355.7855.8355.8855.9355.9856.0356.0856.1356.1856.2356.2856.3356.3856.4356.4856.5356.5856.6356.6856.7356.7856.8356.8856.9356.9857.0357.0857.1357.1857.2357.2857.3357.3857.4357.4857.5357.5857.6357.6857.7357.7857.8357.8857.9357.9858.0358.0858.1358.1858.2358.2858.3358.3858.4358.4858.5358.5858.6358.6858.7358.7858.8358.8858.9358.9859.0359.0859.1359.1859.2359.2859.3359.3859.4359.4859.5359.5859.6359.6859.7359.7859.8359.8859.9359.9860.0360.0860.1360.1860.2360.2860.3360.3860.4360.4860.5360.5860.6360.6860.7360.7860.8360.8860.9360.9861.0361.0861.1361.1861.2361.2861.3361.3861.4361.4861.5361.5861.6361.6861.7361.7861.8361.8861.9361.9862.0362.0862.1362.1862.2362.2862.3362.3862.4362.4862.5362.5862.6362.6862.7362.7862.8362.8862.9362.9863.0363.0863.1363.1863.2363.2863.3363.3863.4363.4863.5363.5863.6363.6863.7363.7863.8363.8863.9363.9864.0364.0864.1364.1864.2364.2864.3364.3864.4364.4864.5364.5864.6364.6864.7364.7864.8364.8864.9364.9865.0365.0865.1365.1865.2365.2865.3365.3865.4365.4865.5365.5865.6365.6865.7365.7865.8365.8865.9365.9866.0366.0866.1366.1866.2366.2866.3366.3866.4366.4866.5366.5866.6366.6866.7366.7866.8366.8866.9366.9867.0367.0867.1367.1867.2367.2867.3367.3867.4367.4867.5367.5867.6367.6867.7367.7867.8367.8867.9367.9868.0368.0868.1368.1868.2368.2868.3368.3868.4368.4868.5368.5868.6368.6868.7368.7868.8368.8868.9368.9869.0369.0869.1369.1869.2369.2869.3369.3869.4369.4869.5369.5869.6369.6869.7369.7869.8369.8869.9369.9870.0370.0870.1370.1870.2370.2870.3370.3870.4370.4870.5370.5870.6370.6870.7370.7870.8370.8870.9370.9871.0371.0871.1371.1871.2371.2871.3371.3871.4371.4871.5371.5871.6371.6871.7371.7871.8371.8871.9371.9872.0372.0872.1372.1872.2372.2872.3372.3872.4372.4872.5372.5872.6372.6872.7372.7872.8372.8872.9372.9873.0373.0873.1373.1873.2373.2873.3373.3873.4373.4873.5373.5873.6373.6873.7373.7873.8373.8873.9373.9874.0374.0874.1374.1874.2374.2874.3374.3874.4374.4874.5374.5874.6374.6874.7374.7874.8374.8874.9374.9875.0375.0875.1375.1875.2375.2875.3375.3875.4375.4875.5375.5875.6375.6875.7375.7875.8375.8875.9375.9876.0376.0876.1376.1876.2376.2876.3376.3876.4376.4876.5376.5876.6376.6876.7376.7876.8376.8876.9376.9877.0377.0877.1377.1877.2377.2877.3377.3877.4377.4877.5377.5877.6377.6877.7377.7877.8377.8877.9377.9878.0378.0878.1378.1878.2378.2878.3378.3878.4378.4878.5378.5878.6378.6878.7378.7878.8378.8878.9378.9879.0379.0879.1379.1879.2379.2879.3379.3879.4379.4879.5379.5879.6379.6879.7379.7879.8379.8879.9379.9880.0380.0880.1380.1880.2380.2880.3380.3880.4380.4880.5380.5880.6380.6880.7380.7880.8380.8880.9380.9881.0381.0881.1381.1881.2381.2881.3381.3881.4381.4881.5381.5881.6381.6881.7381.7881.8381.8881.9381.9882.0382.0882.1382.1882.2382.2882.3382.3882.4382.4882.5382.5882.6382.6882.7382.7882.8382.8882.9382.9883.0383.0883.1383.1883.2383.2883.3383.3883.4383.4883.5383.5883.6383.6883.7383.7883.8383.8883.9383.9884.0384.0884.1384.1884.2384.2884.3384.3884.4384.4884.5384.5884.6384.6884.7384.7884.8384.8884.9384.9885.0385.0885.1385.1885.2385.2885.3385.3885.4385.4885.5385.5885.6385.6885.7385.7885.8385.8885.9385.9886.0386.0886.1386.1886.2386.2886.3386.3886.4386.4886.5386.5886.6386.6886.7386.7886.8386.8886.9386.9887.0387.0887.1387.1887.2387.2887.3387.3887.4387.4887.5387.5887.6387.6887.7387.7887.8387.8887.9387.9888.0388.0888.1388.1888.2388.2888.3388.3888.4388.4888.5388.5888.6388.6888.7388.7888.8388.8888.9388.9889.0389.0889.1389.1889.2389.2889.3389.3889.4389.4889.5389.5889.6389.6889.7389.7889.8389.8889.9389.9890.0390.0890.1390.1890.2390.2890.3390.3890.4390.4890.5390.5890.6390.6890.7390.7890.8390.8890.9390.9891.0391.0891.1391.1891.2391.2891.3391.3891.4391.4891.5391.5891.6391.6891.7391.7891.8391.8891.9391.9892.0392.0892.1392.1892.2392.2892.3392.3892.4392.4892.5392.5892.6392.6892.7392.7892.8392.8892.9392.9893.0393.0893.1393.1893.2393.2893.3393.3893.4393.4893.5393.5893.6393.6893.7393.7893.8393.8893.9393.9894.0394.0894.1394.1894.2394.2894.3394.3894.4394.4894.5394.5894.6394.6894.7394.7894.8394.8894.9394.9895.0395.0895.1395.1895.2395.2895.3395.3895.4395.4895.5395.5895.6395.6895.7395.7895.8395.8895.9395.9896.0396.0896.1396.1896.2396.2896.3396.3896.4396.4896.5396.5896.6396.6896.7396.7896.8396.8896.9396.9897.0397.0897.1397.1897.2397.2897.3397.3897.4397.4897.5397.5897.6397.6897.7397.7897.8397.8897.9397.9898.0398.0898.1398.1898.2398.2898.3398.3898.4398.4898.5398.5898.6398.6898.7398.7898.8398.8898.9398.9899.0399.0899.1399.1899.2399.2899.3399.3899.4399.4899.5399.5899.6399.6899.7399.7899.8399.8899.9399.98100.03100.08100.13100.18100.23100.28100.33100.38100.43100.48100.53100.58100.63100.68100.73100.78100.83100.88100.93100.98101.03101.08101.13101.18101.23101.28101.33101.38101.43101.48101.53101.58101.63101.68101.73101.78101.83101.88101.93101.98102.03102.08102.13102.18102.23102.28102.33102.38102.43102.48102.53102.58102.63102.68102.73102.78102.83102.88102.93102.98103.03103.08103.13103.18103.23103.28103.33103.38103.43103.48103.53103.58103.63103.68103.73103.78103.83103.88103.93103.98104.03104.08104.13104.18104.23104.28104.33104.38104.43104.48104.53104.58104.63104.68104.73104.78104.83104.88104.93104.98105.03105.08105.13105.18105.23105.28105.33105.38105.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Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

[illegible]

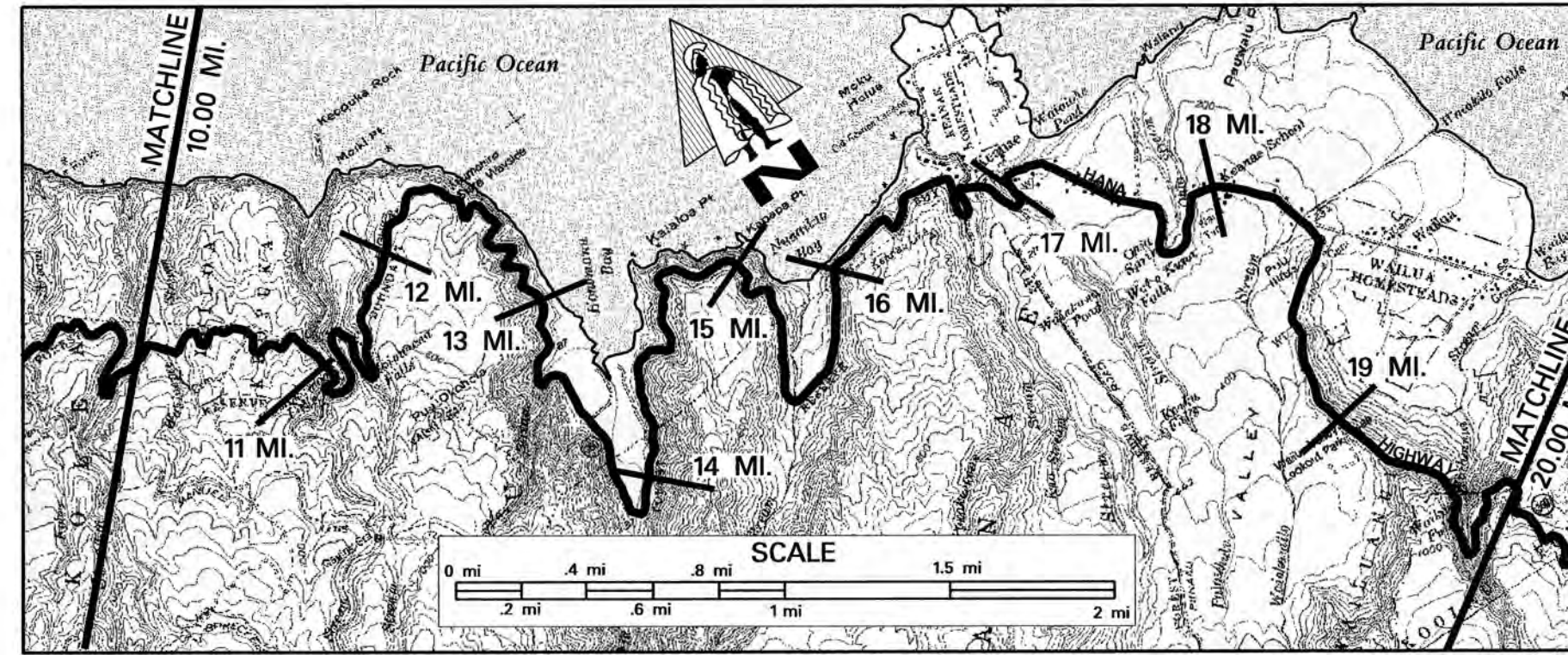
SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
MAUI RTE 360
HANA 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: 34.93 miles
a. Survey Length: 34.93 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile		10	11	12	13	14	15	16	17	18	19	20
Maintenance Control Sections : Length and Description		360 A (12.20 mi.)										End 360A & Begin 360B on Hana Hwy at the Southeast End of Waialeale St. Bridge. 360 B (16.57 mi.)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed											
	Vertical Clearance											
	Horizontal Clearance											
	Vertical Clearance											
Structure Over Road	Horizontal Clearance											
	Vertical Clearance											
	Horizontal Clearance											
	Vertical Clearance											
Right of Way Width (min.-max.) if varies		(40'-115')										
Available Right of Way Width (Needs Study)												
Right of Way Fence: Type - Right and Left		Wire										
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		360A-02-05M, RESURF., 2007										
Project No., Type of Construction, and Year Constructed		360A-01-94M, 1995 Resurfacing & Improvements										
		360AB-01-00M (Repairs & Maintenance) 2002										
		360AB-01-98M (R) 1999										
		(360AB-01-88 (Resurf & Improv.) 1990)										
		(360B-01-93M (R) 1994)										
		(360B-01-95M (R) 1997)										
Road Diagram												
SCALE: (In Miles) 2" = 1 mile		10	11	12	13	14	15	16	17	18	19	20
Divided Highway	Shoulder: Width and Type	0-2' Grass										
	Pavement: Width and Type	18' AC										
	Shoulder: Width and Type	0-2' Grass										
	Median: Width and Type	0-2' Grass										
Divided Highway	Median Barriers:											
	Shoulder: Width and Type											
	Pavement: Width and Type											
	Shoulder: Width and Type											
Number of Traffic Lanes		2-9'										
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)												
(Right Side)												
Frontage Road: No. of Lanes, and Width (Right and Left)												
Sidewalk: Width and Type (Right and Left)												
Curb and/or Gutter: Type (Right and Left)		Concrete Barrier										
Protective Devices: Type, Location and Number		Metal Rails on Metal Posts Unless Otherwise Noted.										
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

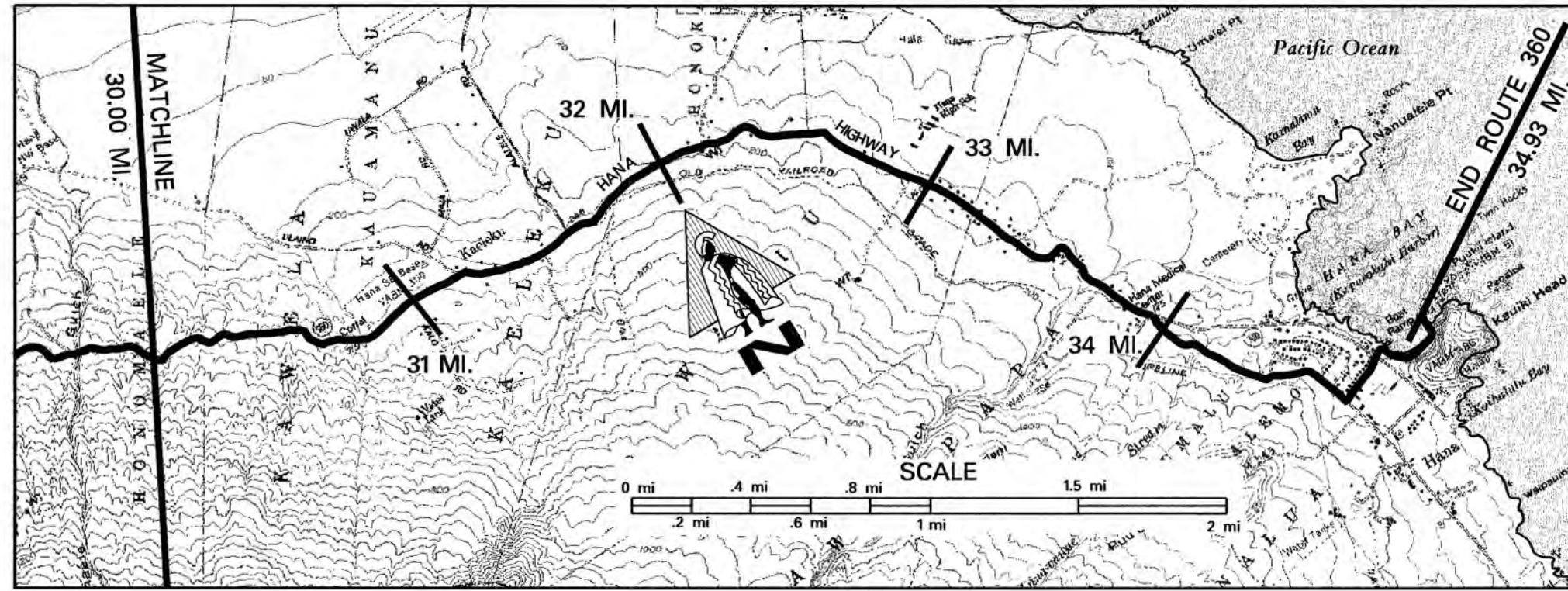
Date Released	Revised
Sept. 04 D.B.	
FEB. 06 D.B.	
Nov. 06 D.B.	
Feb. 08 D.B.	
Dec. 09 D.B.	
Feb. 11 D.B.	
Feb. 12 D.B.	

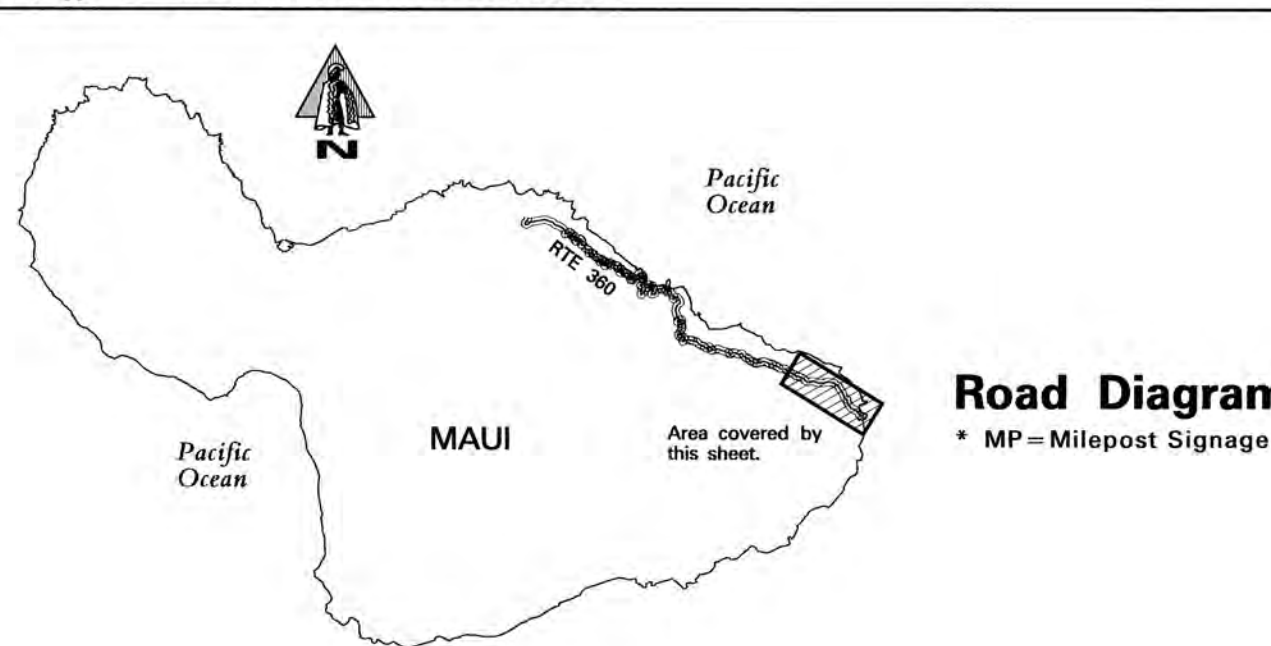
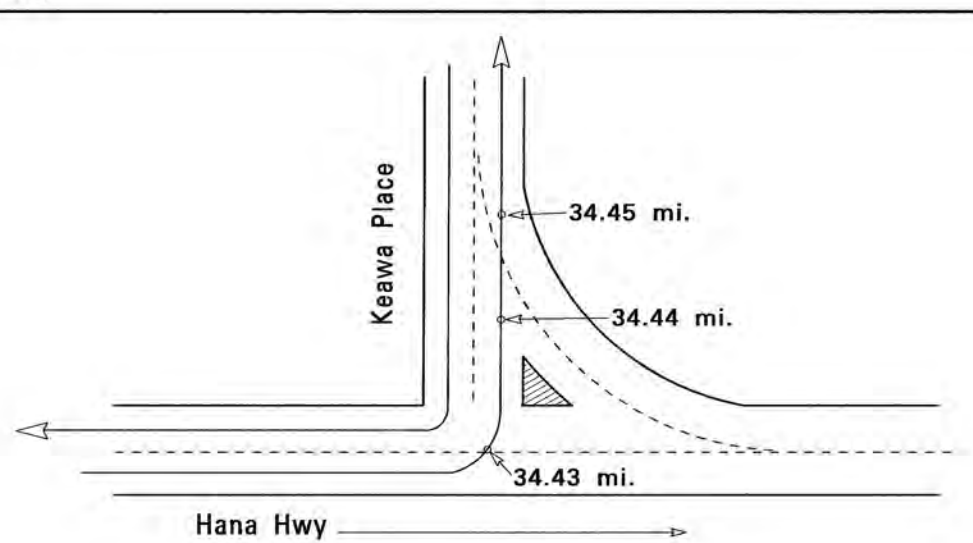
ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY & KEAWA PLACE

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: 34.93 miles
a. Survey Length: 34.93 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



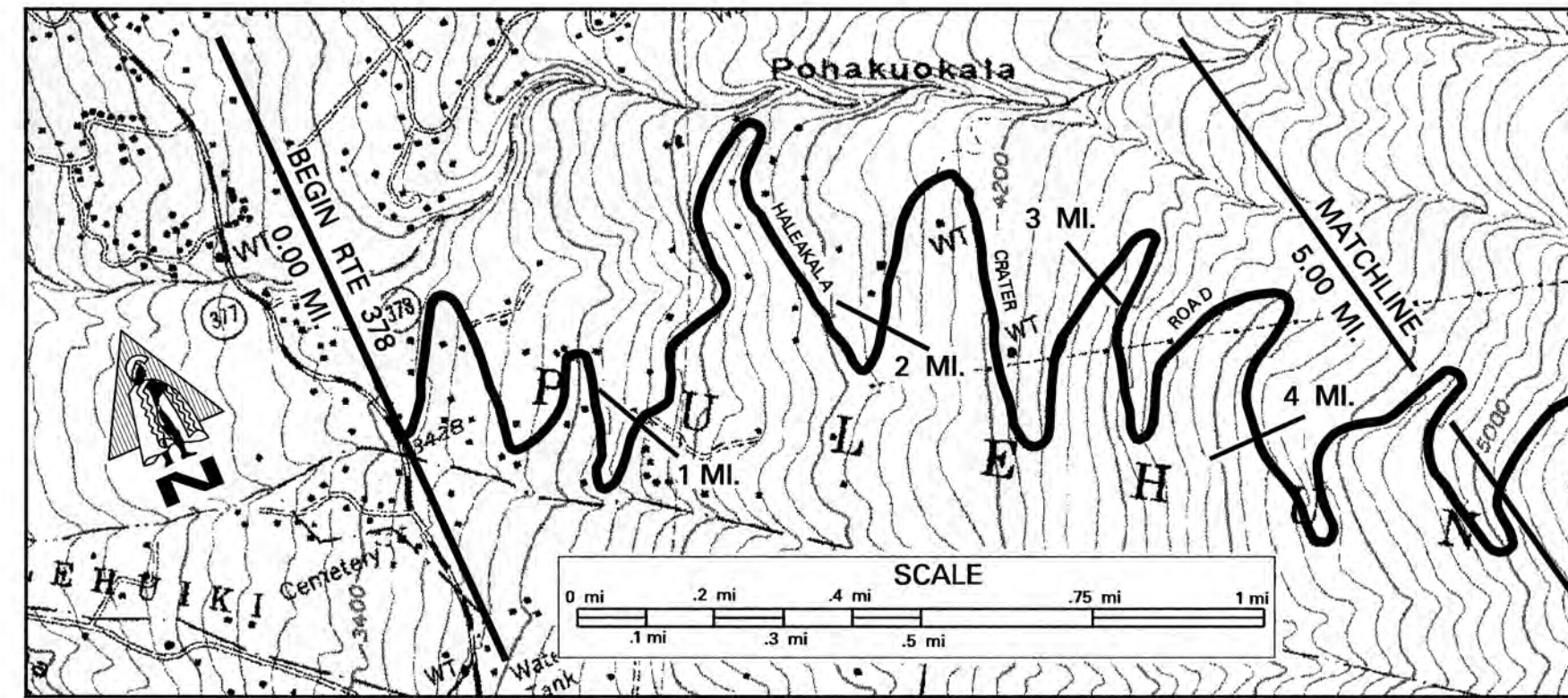
Maintenance Control Sections : Length and Description		30 31 32 33 34 35 36 37 38 39 40											
360 B (16.51 mi.)		End 360 B same as End Route.											
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Tee Beam - H20 1947											
	Vertical Clearance	73'											
	Horizontal Clearance	26'											
	Vertical Clearance												
Structure Over Road	Horizontal Clearance												
Right of Way Width (min.-max.) if varies		40'											
Available Right of Way Width (Needs Study)													
Right of Way Fence: Type - Right and Left		W/W - Wire on Wood											
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		360B-01-80 (Improv.) 1981											
Project No., Type of Construction, and Year Constructed		360B-01-96M (Resurf.) 1997											
		360B-01-91M (Resurfacing) 1991											
		360B-02-06M, Resurfacing, 2010											
		360B-02-93M (Storm Drain Repair) 1993											
		360B-01-83M (Resurface) 1983											
		END ROUTE 360 ON KEAWA PLACE AT THE WHARF ON HANA BAY. 34.43 mi.											
SCALE: (In Miles) 2" = 1 mile		30 31 32 33 34 35 36 37 38 39 40											
Divided Highway	Shoulder: Width and Type	0-2' Grs. 2'-4' Grs.											
	Pavement: Width and Type	18" AC											
	Shoulder: Width and Type	0-2' Grs. 2'-4' Grs.											
	Median: Width and Type	4' AC											
	Median Barriers:												
	Shoulder: Width and Type												
	Pavement: Width and Type												
	Shoulder: Width and Type												
Number of Traffic Lanes		2-9'											
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		2-10'											
(Right Side)													
Frontage Road: No. of Lanes, and Width (Right and Left)													
Sidewalk: Width and Type (Right and Left)		(4.5'-5.5' Conc. Sidewalk)											
Curb and/or Gutter: Type (Right and Left)		(5'-6' AC Sidewalk)											
Protective Devices: Type, Location and Number		Metal Rails on Metal Posts unless otherwise noted.											
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:		(Mountainous (3))											
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		Rural (99999)											
Speed: 1-Design, 2-Posted		Flat (1)											
Intersection Control Devices: Type, Location and Cycle Timing		Rolling (2)											
Traffic Stations (Current Year)		Not Posted											
HPMS Sections - AADT 2010		(20 MPH (2))											
HPMS Sections - AADT 2009													
HPMS Sections - AADT 2008													
DOD Sections													
Census Tracts													
Functional Classification		Major Collector (5)											
National Highway System (NHS)		Not on NHS (0)											
Previous Projects: Project No., Date and Limits													
		30.58											
		360B-01-91M (R) 1991											
		360B-02-93M (Storm Drain Repair) 1993											
		360B-01-80 (Improv.) 1981											
		360B-01-75 (R) 1975											
		360B-01-88 (Walkway) 1988											
		360B-01-83M (Resurface) 1983											
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		360B-01-83M (Resurface) 1983											
		360B-01-8											

ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER 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: 10.15 miles
a. Survey Length: 10.15 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Not Carrying Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

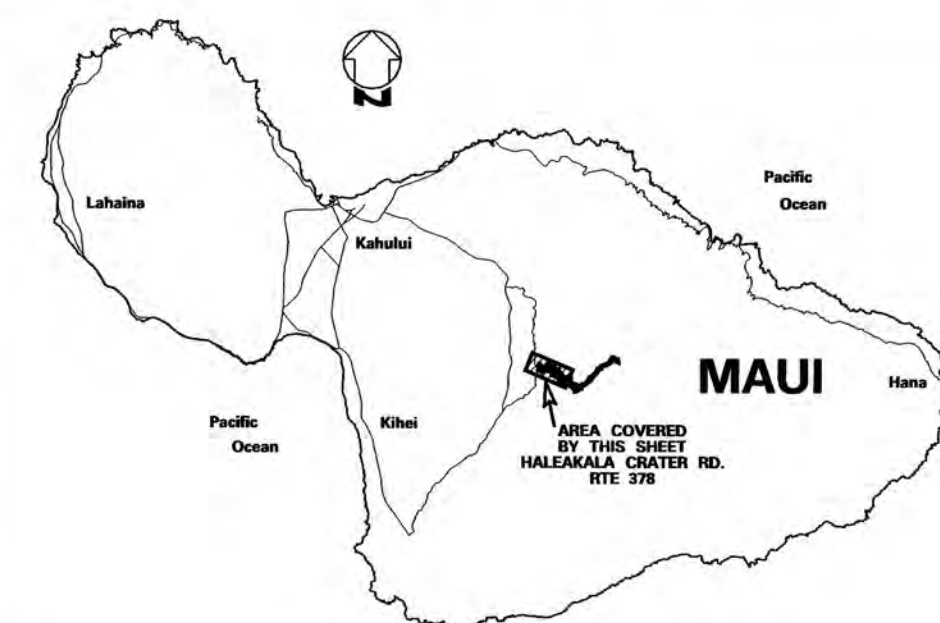
Right of Way Fence: Type - Right and Left

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) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

ALL GUARDRAILS 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

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

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0.00 mi. 0.03 mi. 0.10 mi. 0.31 mi. 0.33 mi. 0.97 mi. 1.24 mi. 1.78 mi. 2.06 mi. 2.44 mi. 2.82 mi. 3.49 mi. 4.05 mi. 4.44 mi. 4.96 mi.

0.00 mi. 0.03 mi. 0.10 mi. 0.31 mi. 0.33 mi. 0.97 mi. 1.24 mi. 1.78 mi. 2.06 mi. 2.44 mi. 2.82 mi. 3.49 mi. 4.05 mi. 4.44 mi. 4.96 mi.

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0.00 mi. 0.03 mi. 0.10 mi. 0.31 mi. 0.33 mi. 0.97 mi. 1.24 mi. 1.78 mi. 2.06 mi. 2.44 mi. 2.82 mi. 3.49 mi. 4.05 mi. 4.44 mi. 4.96 mi.

0.00 mi. 0.03 mi. 0.10 mi. 0.31 mi. 0.33 mi. 0.97 mi. 1.24 mi. 1.78 mi. 2.06 mi. 2.44 mi. 2.82 mi. 3.49 mi. 4.05 mi. 4.44 mi. 4.96 mi.

SCALE: (In Miles) 4" = 1 mile

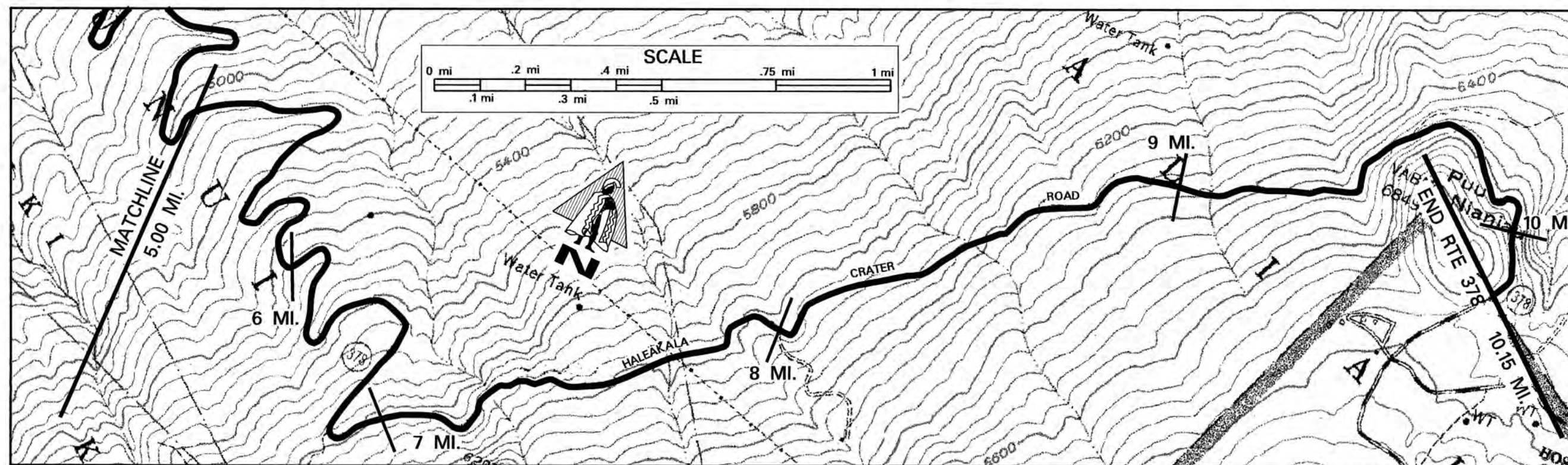
0 1 2 3 4 5

ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER 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: 10.15 miles
a. Survey Length: 10.15 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

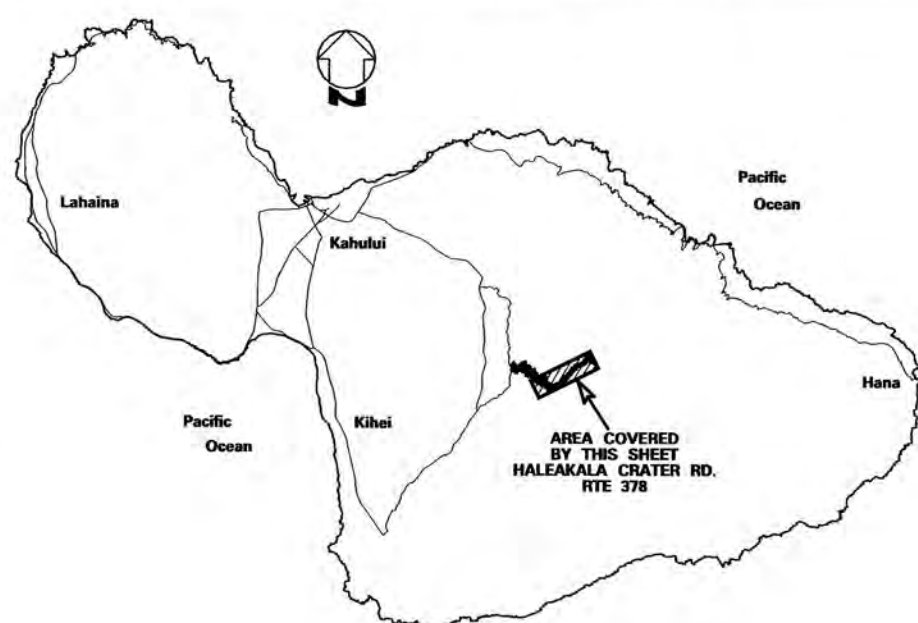
378A (10.15 MI) END 378A - SAME AS END ROUTE 378

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

PRESTRESSED BEAM
1934 (1970) H15
97' 56'
27' 27'

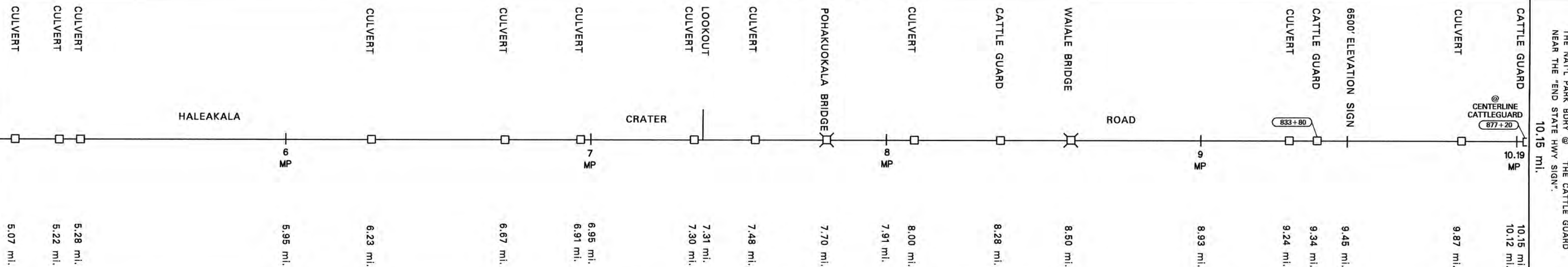
Right of Way Width (min.-max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type - Right and Left
Control of Access: 1-None, 2-Partial, 3-Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No.,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

80'
OPEN PASTURE 1000' ACROSS
N O N E
N O N E
S T A T E
378A-01-04M, RESURFACE, 2006
378A-01-00MR 2003 MAINTENANCE & REPAIRS
END PROJECT (877+00)
(378A-01-92M, 1993, RESURFACE)



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

CONTINUED FROM SHEET # 1

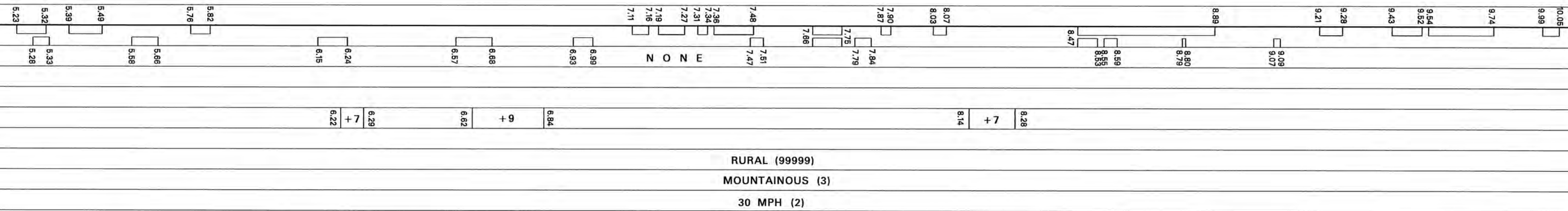


SCALE: (In Miles) 4" = 1 mile

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

2' AC
22' AC
2' AC
2 - 11'
N O N E
N O N E

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



RURAL (99999)
MOUNTAINOUS (3)
30 MPH (2)

Traffic Stations (Current Year)

B74 0378 00000 B74 0378 00770

HPMS Sections - AADT 2010

1,414 1,636

HPMS Sections - AADT 2009

1,400 1,620

HPMS Sections - AADT 2008

1,593 6.81 1,593

DOD Sections

Census Tracts

Functional Classification

MAJOR COLLECTOR (5)

NOT ON NHS (0)

National Highway System (NHS)

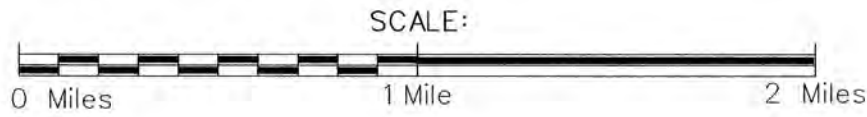
Previous Projects: Project No., Date and Limits

RS-0378(1) 1981 RESURFACE 378A-01-92M 1993 RESURFACE (377A-01-70 1971 Bridge Widening) RS-0378(1) 1981 RESURFACE
378A-03-68 1968 RESURFACE 378A-04-69 1969 FAP 5B (Group B) 1933

SCALE: (In Miles) 4" = 1 mile

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____

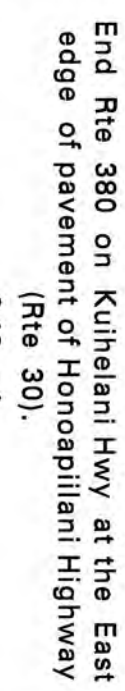


380 A (6.17 mi.)	END 380-A ON KUIHELANI HWY. 50' EAST OF THE EAST E.P. ON HONOAPIILANI HWY.	6.17
-------------------------	---	-------------

Horizontal Clearance

Project No., Type of Construction, and Year Constructed

NH-0380(9) (Widening) 2003	6.02	[BR-NH-030-1(24) (Widening) 2002
----------------------------	------	-----------------------------------



5	6	7	8	9	10
---	---	---	---	---	----

Shoulder: Width and Type

Previous Projects: Project No., Date and Limits

380A-01-89M (R), 1990	
S-0380 (6), 1971	

5 6 7 8 9 10

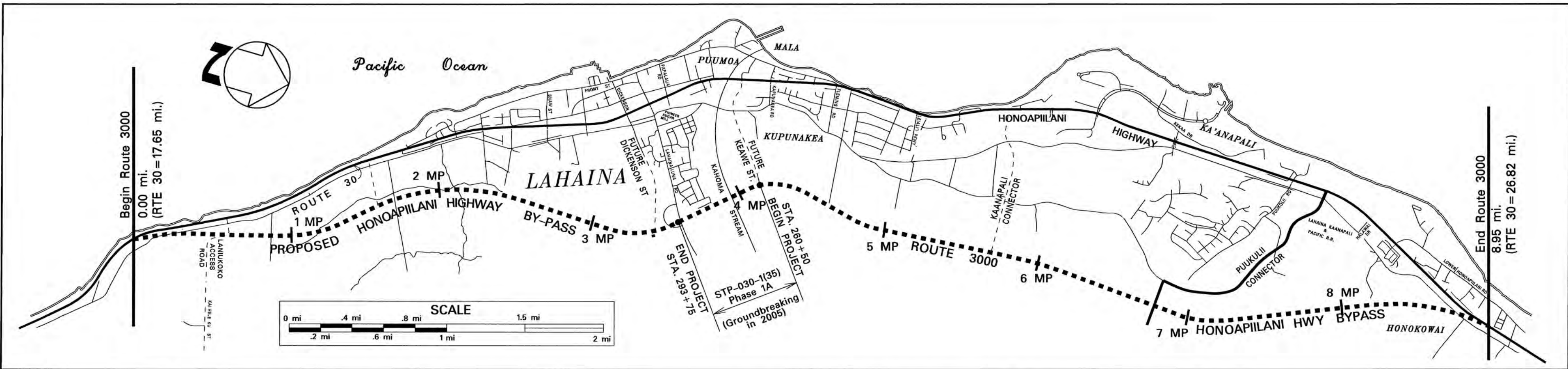
41

ROAD INVENTORY
MAUI RTE 3000
HONOAPIILANI HIGHWAY BYPASS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 8.95 miles
a. Survey Length: 0.00 miles
b. Proposed Length: 8.95 miles
c. Other Length: * 0.00 miles

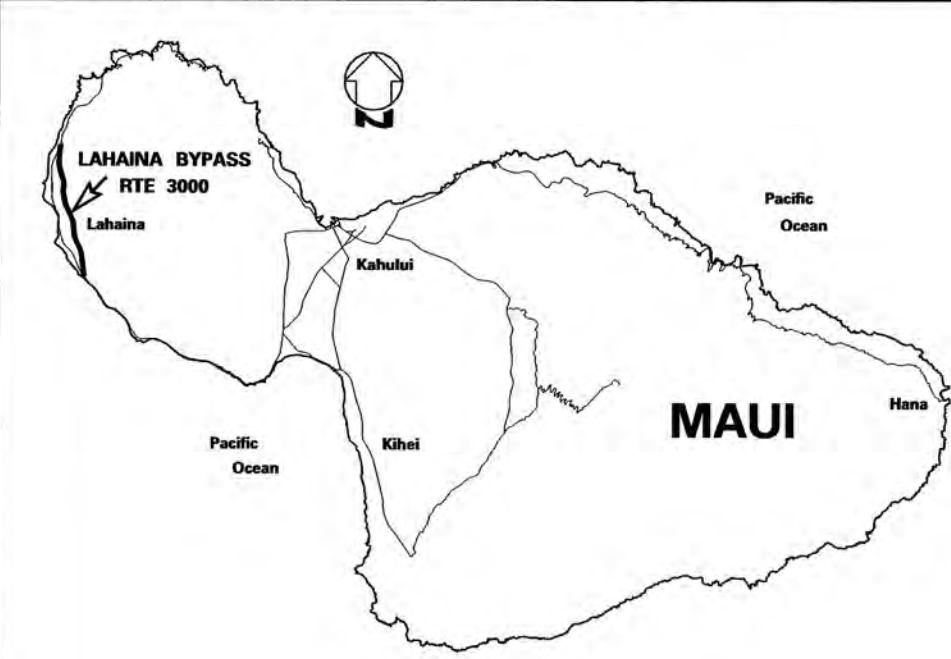


SCALE: (In Miles) 2" = 1 mile

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



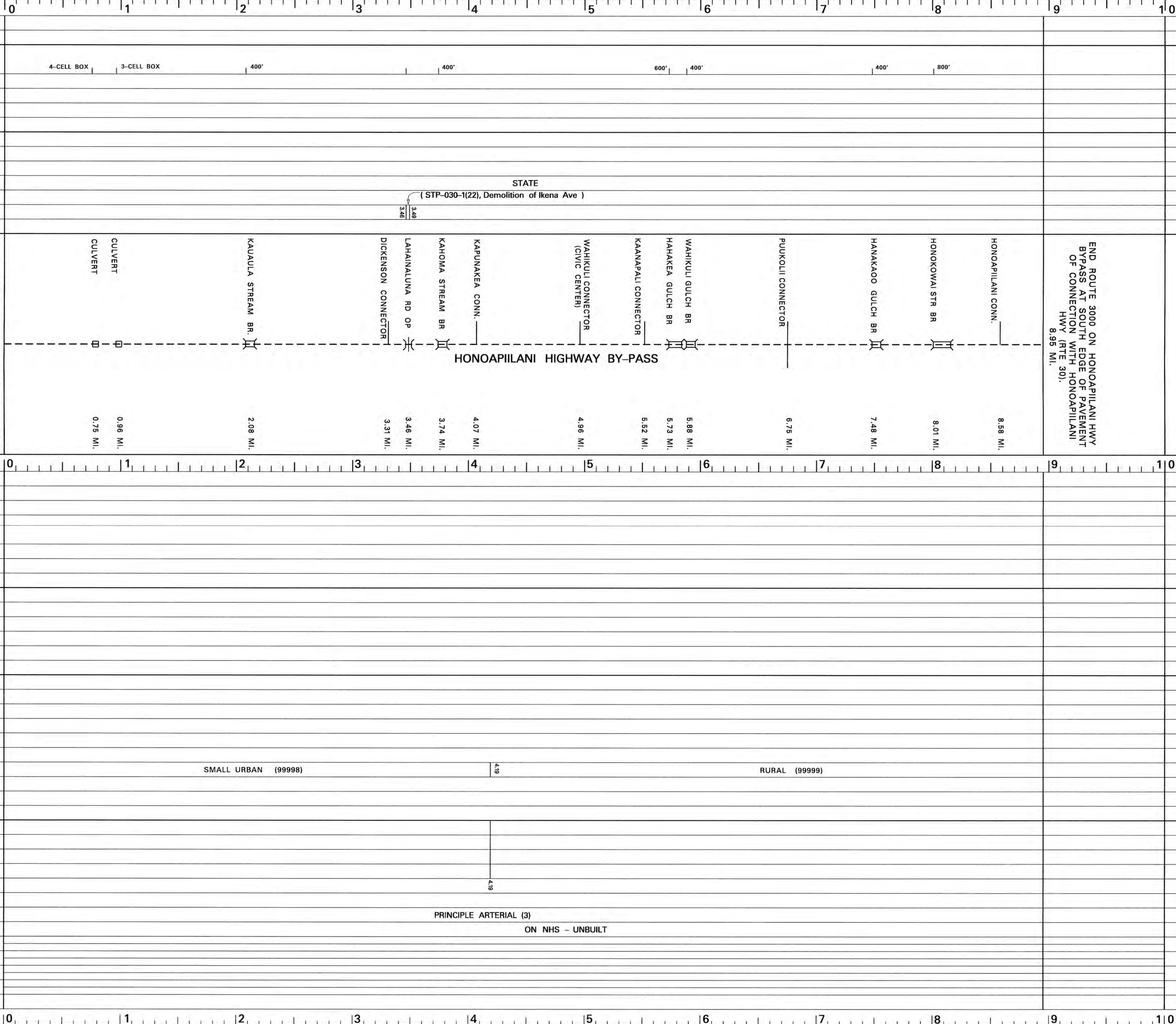
Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 2" = 1 mile

Divided Highway	Shoulder: Width and Type
	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 Station
HPMS Section
AADT
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits

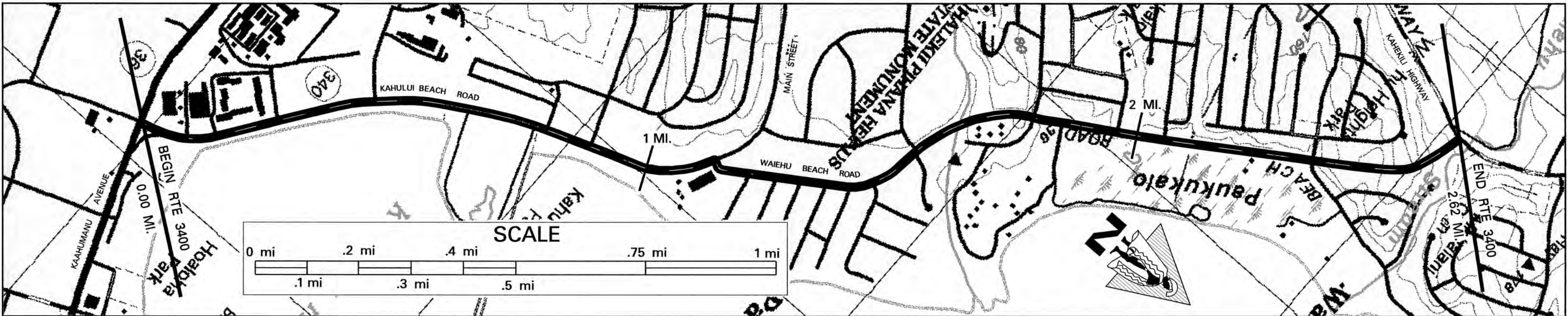
SCALE: (In Miles) 2" = 1 mile

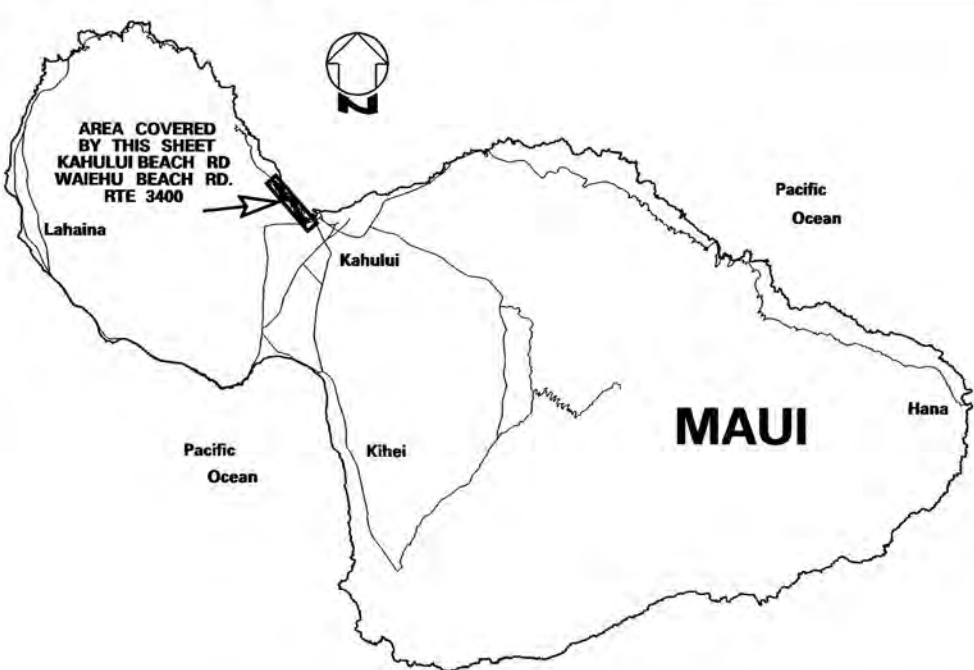


ROAD INVENTORY
MAUI RTE 3400
KAHULUI BEACH ROAD AND WAIEHU BEACH ROAD

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

Total Route Length: 2.62 miles
a. Survey Length: 2.62 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 4" = 1 mile		0	1	2	3
Maintenance Control Sections : Length and Description		0.04	1.15	2.61	2.62
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	TEE BEAM 1953 H20 182'			
	Vertical Clearance	28'			
	Horizontal Clearance				
	Vertical Clearance				
Structure Over Road	Horizontal Clearance				
	Right of Way Width (min.-max.) if varies	120'			
	Available Right of Way Width (Needs Study)	COMMERCIAL / RESIDENTIAL			
	Right of Way Fence: Type - Right and Left	NONE			
Control of Access: 1-None, 2-Partial, 3-Full					
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		3400AB-02-90 1992 IMPROVEMENTS 3400A-01-07M, RESURFACING, 2009 3400A-02-91 IMPROVEMENTS 1995 3400B-01-97M 1998 RESURFACE (ALSO ROUTE 340) 3400B-02-98 2 WAY (L) TLS 3400B-01-10M, RESURFACE, 2011 3400B-01-97M 1998 RESURFACE (ALSO ROUTE 340)			
Project No., Type of Construction, and Year Constructed					
Project No., Type of Construction, and Year Constructed					
 Indicates Grass & / or Physical Barrier on Median. + MP = Milepost Signage Road Diagram + MP = Milepost Signage		BEGIN ROUTE 3400 ON KAHULUI BEACH ROAD ON THE NORTHEAST EDGE OF PAVEMENT OF KAHUMANU AVE (RTE 32) 0.00 MI. KAHULUI BEACH ROAD 0.08 mi. 0.27 mi. 0.46 mi. 0.63 mi. 0.79 mi. 0.88 mi. 1.00 mi. 1.13 mi. 1.05 mi. 1.13 mi. 1.20 mi. 1.25 mi. 1.30 mi. 1.35 mi. 1.39 mi. 1.44 mi. 1.48 mi. 1.54 mi. 1.67 mi. 1.70 mi. 1.78 mi. 1.83 mi. 2.03 mi. 2.10 mi. 2.26 mi. 2.32 mi. 2.38 mi. 2.58 mi. 2.62 MI.			
SCALE: (In Miles) 4" = 1 mile		0	1	2	3
Divided Highway	Shoulder: Width and Type	4' AC	36' AC	6' AC	6' AC
	Pavement: Width and Type	12' AC	24' AC	24' AC	24' AC
	Shoulder: Width and Type	0'	0'	0'	0'
	Median: Width and Type	0'	0'	0'	0'
Divided Highway	Shoulder: Width and Type	0'	0'	0'	0'
	Pavement: Width and Type	0'	0'	0'	0'
	Shoulder: Width and Type	0'	0'	0'	0'
	Median: Width and Type	0'	0'	0'	0'
Number of Traffic Lanes		4' AC	6' AC	6' AC	6' AC
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		1-12' 0.04	2-12' 0.12	2-12' 0.12	2-12' 0.12
(Right Side)		ALL T.L.S. 12' UNLESS NOTED	ALL T.L.S. 12' UNLESS NOTED	ALL T.L.S. 12' UNLESS NOTED	ALL T.L.S. 12' UNLESS NOTED
Frontage Road: No. of Lanes, and Width (Right and Left)		4' AC	6' AC	6' AC	6' AC
Sidewalk: Width and Type (Right and Left)		4' CONC.	4' CONC.	4' CONC.	4' CONC.
Curb and/or Gutter: Type (Right and Left)		T.S. = TRIANGULAR SWALE C. & G. = CURB & GUTTER	B.C. = BITUMINOUS CURB L.D.D. = LINED DRAINAGE DITCH	B.C. = BITUMINOUS CURB L.D.D. = LINED DRAINAGE DITCH	B.C. = BITUMINOUS CURB L.D.D. = LINED DRAINAGE DITCH
Protective Devices: Type, Location and Number		MV	MV	MV	MV
Illumination: Type, Location and Number		MV	MV	MV	MV
Curves: Degree of Curvature (Right and Left)		0.08	0.08	0.08	0.08
Superelevation (Range)		0.08	0.08	0.08	0.08
Grades: % Grade, Positive or Negative		0.08	0.08	0.08	0.08
Vertical Curve: Crest or Sag, Curve Limits		0.08	0.08	0.08	0.08
Area and Development:		0.08	0.08	0.08	0.08
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		FLAT (1)	SMALL URBAN (99998)	ROLLING (2)	ROLLING (2)
Speed: 1-Design, 2-Posted		35 MPH (2)	30 MPH (2)	30 MPH (2)	30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		35 MPH (2)	30 MPH (2)	30 MPH (2)	30 MPH (2)
Traffic Stations (Current Year)		0.08	0.08	0.08	0.08
HPMS Sections - AADT 2010		0.08	0.08	0.08	0.08
HPMS Sections - AADT 2009		0.08	0.08	0.08	0.08
HPMS Sections - AADT 2008		0.08	0.08	0.08	0.08
DOD Sections		0.08	0.08	0.08	0.08
Census Tracts		0.08	0.08	0.08	0.08
Functional Classification		0.08	0.08	0.08	0.08
National Highway System (NHS)		0.08	0.08	0.08	0.08
Previous Projects: Project No., Date and Limits		0.08	0.08	0.08	0.08
SCALE: (In Miles) 4" = 1 mile		0	1	2	3

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

**PREPARED BY THE
HIGHWAYS PLANNING BRANCH**

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

The map shows the study area in Hahaione, Hawaii. The study site is marked with a star in the center. Major roads include Hahaione Ave, Puunene Ave, and Kamali Ave. Landmarks include Hahaione Park and Puunene Park. A scale bar indicates distances from 0 to 1 mile. The map also shows the location of the study site relative to Hahaione, Hawaii, and the distance from the study site to the Hahaione, Hawaii, airport (0.90 mi).

Begin 3500A on Puunene Avenue 85' S. of intersection with Karhunen Avenue	End 3500A on Puunene Avenue 10' from the S.E. edge of pavement of Kullback Hwy.
--	--

60'

RESIDENTIAL / COMMERCIAL

CHAINLINK

20'

20'

20'

STATE

3500A-01-08M, RESURFACE, 2011

37+30

34+80

STP-3500(8)
1996 RESURFACE

HE-S-3500(8)
1996 IMPROVEMENT

STP-3500(8)
1996 RESURFACE

CHAINLINK

TITLE

[illegible][illegible]

	(33' AC)	(44' AC)	2' AC	0.96'	4' AC	4' - 6' AC	
		22' AC		0.83'	11' AC	6' AC	
		0' - 10' PAINTED	0.88'	11' PAINTED AC	0.73'	10' PAINTED AC	12' PAINTED AC
				0'		6' AC	0'-30' TREES AND GUADRAILS (L & R)
		22' AC		0.96'	11' AC	22' AC	
		2' AC			4' AC	4' - 6' AC	

Previous Projects: Project No., Date and Limits		

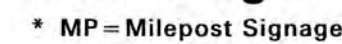
[illegible]

PROPOSED AIRPORT EXTENSION

FEDERAL HIGHWAY ADMINISTRATION

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





Proposed Airport Extension

[illegible]

Traffic Station		B74	3800	00000
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Previous Projects:	Project No., Date and Units

[illegible]

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

**PREPARED BY THE
HIGHWAYS PLANNING BRANCH**

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

Maintenance Control Sections : Length and Description

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



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

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

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

[illegible]

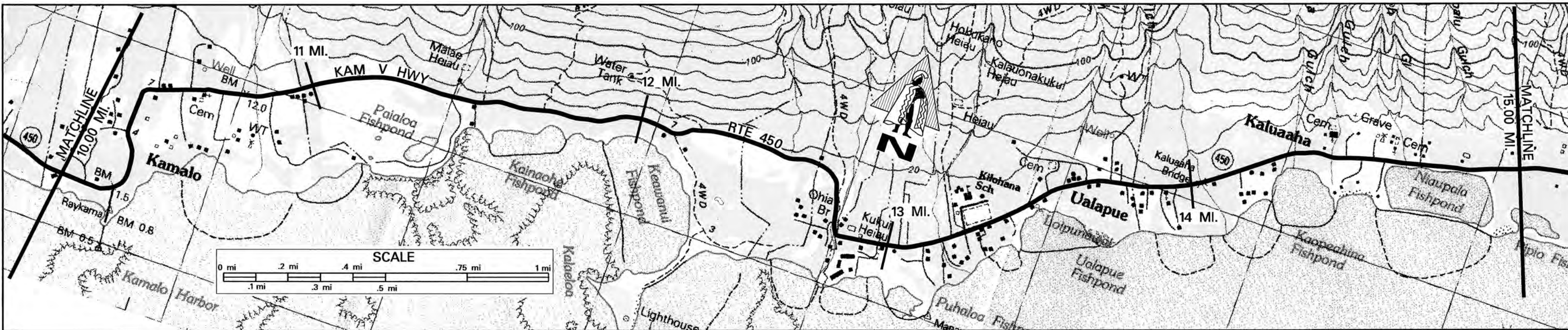
Sheet 1 of 6 MOLOKAI RTE 450

ROAD INVENTORY
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 27.51 miles
a. Survey Length: 27.51 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure
Carrying
Road

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

Vertical Clearance

Horizontal Clearance

Structure
Over
Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

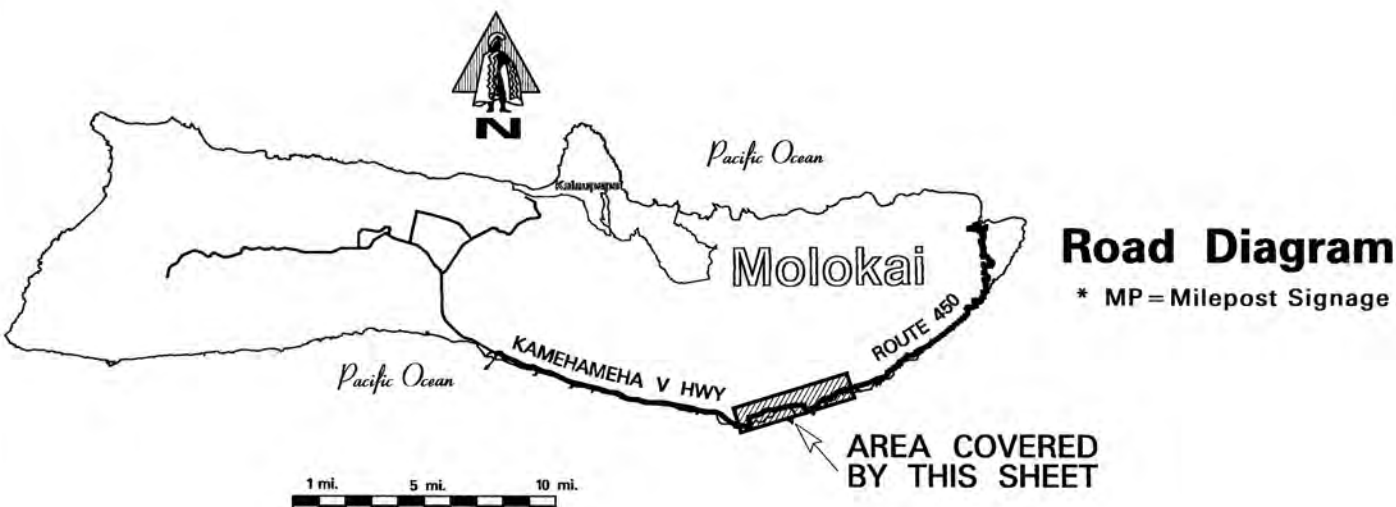
Right of Way Fence: Type - Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

ALL GRASS UNLESS NOTED

Pavement: Width and Type

Shoulder: Width and Type

ALL GRASS UNLESS NOTED

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

10 11 12 13 14 15

BEGIN 450 B SAME AS BEGIN SR 450 450B (17.43 MI.)

PRE-STRESSED SLAB 22' 1979 HS-20 PRE-STRESSED SLAB 36' 1979 HS-20

18' 21'

80'

TREES AND LARGE BUSHES W / SOME HOMES AND OPEN PASTURE

WIRE ON WOOD WIRE ON METAL CHAIN LINK WIRE

11.98 13.02 N O N E S T A T E

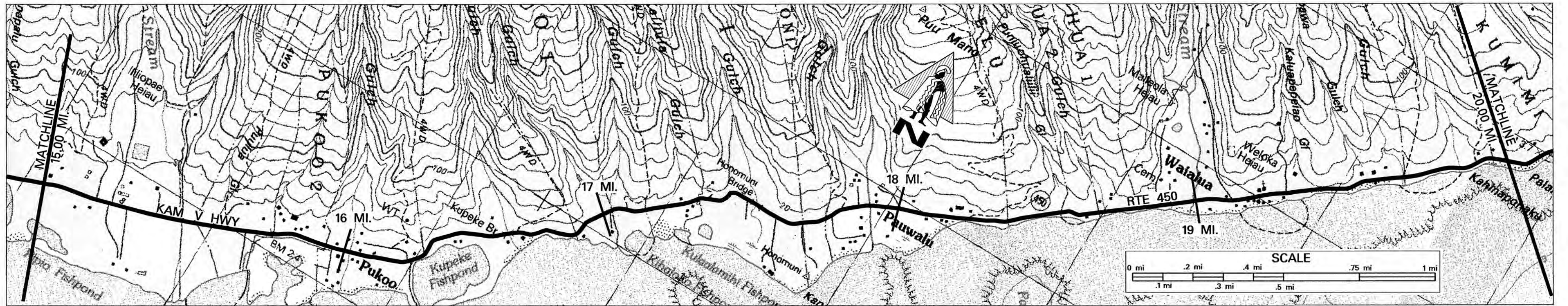
450AB-01-01M RESURFACE 2001 450B-01-02M RESURFACE 2003

ROAD INVENTORY
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 27.51 miles
a. Survey Length: 27.51 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				450 B (17.43 MI.)					
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	SLAB 1950 (1968) HS20		PRESTRESSED BEAM 1979 HS20		PRESTRESSED BEAM 1979 HS20		PRESTRESSED CONC. GIRDER 2007, HL-93 64'-2"	
	Vertical Clearance	42'		25'		16'		103'	
	Horizontal Clearance								
	Vertical Clearance	20'		21'		21'		32'	
Structure Over Road	Horizontal Clearance								
	Horizontal Clearance								
Right of Way Width (min.-max.) if varies				80'					
Available Right of Way Width (Needs Study)				TREES AND LARGE BUSHES W/ SOME HOMES AND OPEN PASTURE					
Right of Way Fence: Type - Right and Left				WIRE ON METAL W I R E		16.26			
Control of Access: 1-None, 2-Partial, 3-Full				N O N E					
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)				S T A T E					
Project No., Type of Construction, and Year Constructed		450B-01-02M RESURFACE 2003		450B-01-03M, RESURFACE, 2006		(ER-12(4), BRIDGE REPLACEMENT, 2007)		450B-01-03M, RESURFACE, 2006	
Project No., Type of Construction, and Year Constructed								STP-0450(5) 1994	
								COUNTY	
								450B-01-88M 1988 (R)	
Road Diagram		CONTINUED FROM SHEET #3		20.00 mi.		CONTINUES ON SHEET #5			
SCALE: (In Miles) 4" = 1 mile		15		16		17		18	
Divided Highway	Shoulder: Width and Type	18' AC		2' - 4' AC		16' AC		4' - 6' GRASS	
	Pavement: Width and Type							0'	
	Shoulder: Width and Type			2' - 4' AC				6' GRASS	
	Median: Width and Type							14' BST	
	Shoulder: Width and Type							0'	
	Pavement: Width and Type							6' - 8' GRASS	
Number of Traffic Lanes		2 - 9'		2 - 7'		2 - 8'		2 - 7'	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)						N O N E		2 - (7'-9')	
(Right Side)						N O N E			
Frontage Road: No. of Lanes, and Width (Right and Left)						N O N E			
Sidewalk: Width and Type (Right and Left)						N O N E			
Curb and/or Gutter: Type (Right and Left)						N O N E			
Protective Devices: Type, Location and Number		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		FLAT (1)				RURAL (99999)			
Speed: 1-Design, 2-Posted		30 MPH (2)		30 MPH (2)		30 MPH (2)		10 MPH (1) 20 MPH (1)	
Intersection Control Devices: Type, Location and Cycle Timing									
Traffic Stations (Current Year)		875 0450 01447		875 0450 01665		875 0450 01862		875 0450 01966	
HPMS Sections - AADT 2010		971		641		641		392	
HPMS Sections - AADT 2009		961		635		635		388	
HPMS Sections - AADT 2008		945		624		624		381	
DOD Sections									
Census Tracts									
Functional Classification				MAJOR COLLECTOR (5)					
National Highway System (NHS)				NOT ON NHS (0)					
Previous Projects: Project No., Date and Limits				450B-01-94M 1996 RESURFACE		450B-01-03M, RESURFACE, 2006			
		STP-0450(5) 1994		GUARDRAIL AND SHOULDER IMPROVEMENTS					
		450B-01-80M 1980 RESURFACE		450B-01-81M 1981 RESURFACE				450B-01-87M 1987 RESURFACE	
				COUNTY					
SCALE: (In Miles) 4" = 1 mile		15		16		17		18	

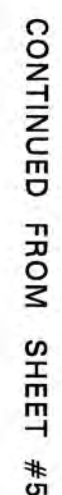
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
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FEDERAL HIGHWAY ADMINISTRATION

[illegible]

	450 B (17.43 MI.)
--	-------------------

CULVERT	

WOOD ON WIRE	10'-15' FROM PAVEMENT	30'			
WOOD ON WIRE	10'-15' FROM PAVEMENT	30'			
			N O N E		
			S T A T E		
			450-01-05M, Resurf., 2008		
			450B-01-92M RESURFACE 1993		



PARK ROAD
27.46 mi

ROAD TO CHURCH
27.40 mi

KAMEHAMEHA V

FORD
25.75 mi

CULVERT
25.08 mi

26.97 mi

26 MP

25.98 mi

HIGHWAY

END ROUTE 450 ON KAMEHAMEHA V
HIGHWAY AT THE END OF PAVEMENT

25	26	27	28	29	30
----	----	----	----	----	----

[illegible][illegible]

	RURAL (99999)		
MOUNTAINOUS (3)		2710	ROLLING (2)
SPEED NOT POSTED			
28.01			

	B75	0450	02494
	101		
	100		
	98		
	MAJOR COLLECTOR	(5)	
	NOT ON NHS	(0)	

25	26	27	28	29	30
----	----	----	----	----	----

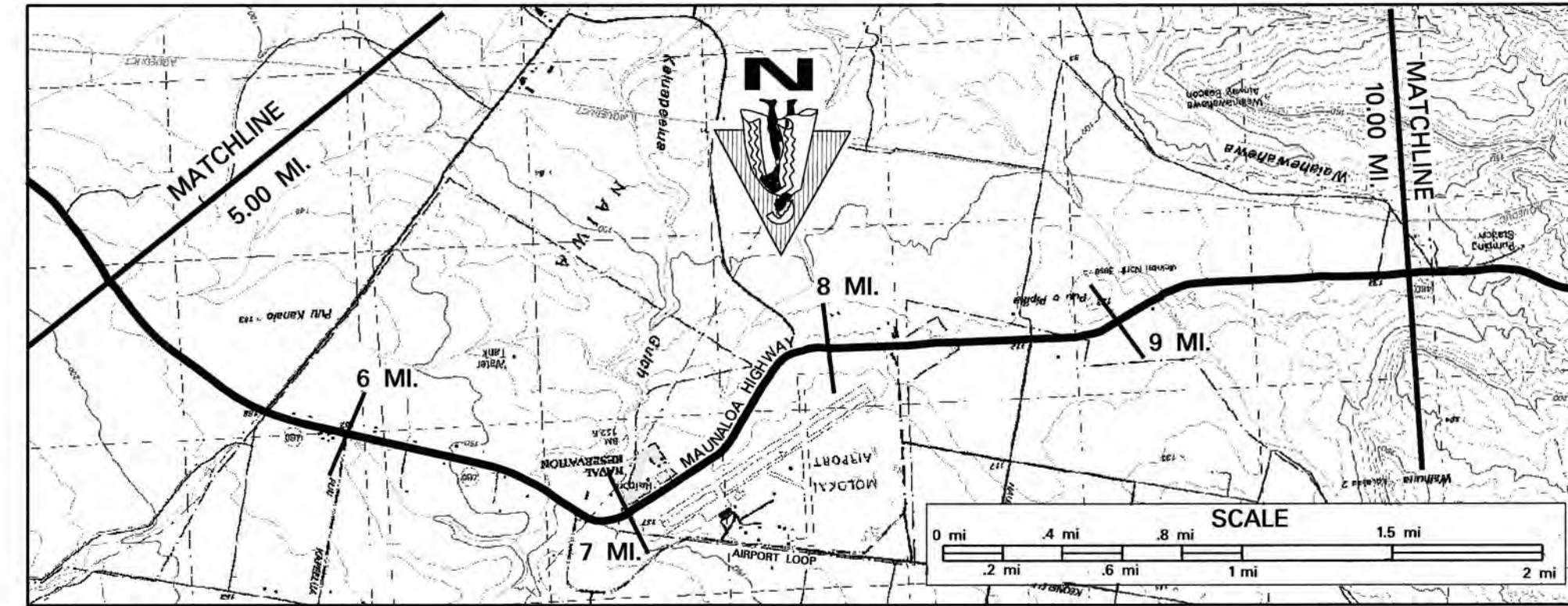
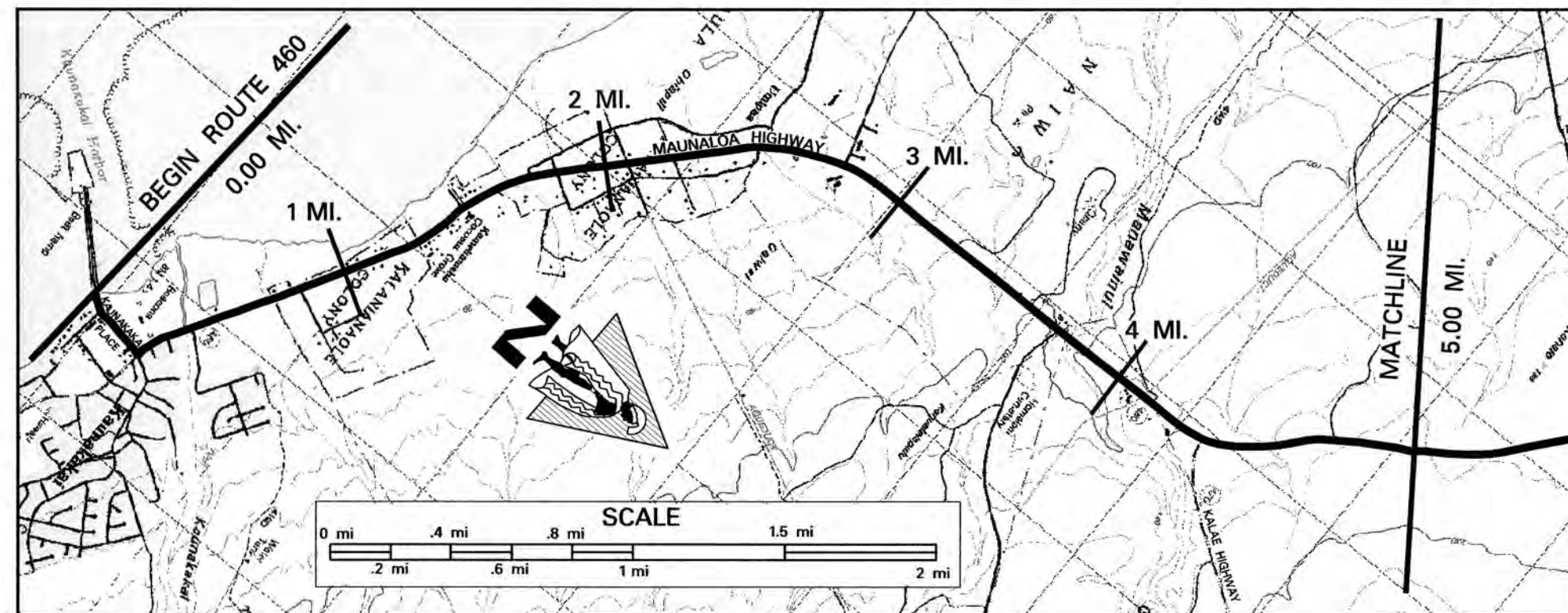
[illegible]

Total Route Length: 16.56 miles

a. Survey Length: 16.56 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 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
8	8.000000
9	9.000000
10	10.000000
11	11.000000
12	12.000000
13	13.000000
14	14.000000
15	15.000000
16	16.000000
17	17.000000
18	18.000000
19	19.000000
20	20.000000
21	21.000000
22	22.000000
23	23.000000
24	24.000000
25	25.000000
26	26.000000
27	27.000000
28	28.000000
29	29.000000
30	30.000000
31	31.000000
32	32.000000
33	33.000000
34	34.000000
35	35.000000
36	36.000000
37	37.000000
38	38.000000
39	39.000000
40	40.000000
41	41.000000
42	42.000000
43	43.000000
44	44.000000
45	45.000000
46	46.000000
47	47.000000
48	48.000000
49	49.000000
50	50.000000
51	51.000000
52	52.000000
53	53.000000
54	54.000000
55	55.000000
56	56.000000
57	57.000000
58	58.000000
59	59.000000
60	60.000000
61	61.000000
62	62.000000
63	63.000000
64	64.000000
65	65.000000
66	66.000000
67	67.000000
68	68.000000
69	69.000000
70	70.000000
71	71.000000
72	72.000000
73	73.000000
74	74.000000
75	75.000000
76	76.000000
77	77.000000
78	78.000000
79	79.000000
80	80.000000
81	81.000000
82	82.000000
83	83.000000
84	84.000000
85	85.000000
86	86.000000
87	87.000000
88	88.000000
89	89.000000
90	90.000000
91	91.000000
92	92.000000
93	93.000000
94	94.000000
95	95.000000
96	96.000000
97	97.000000
98	98.000000
99	99.000000
100	100.000000

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

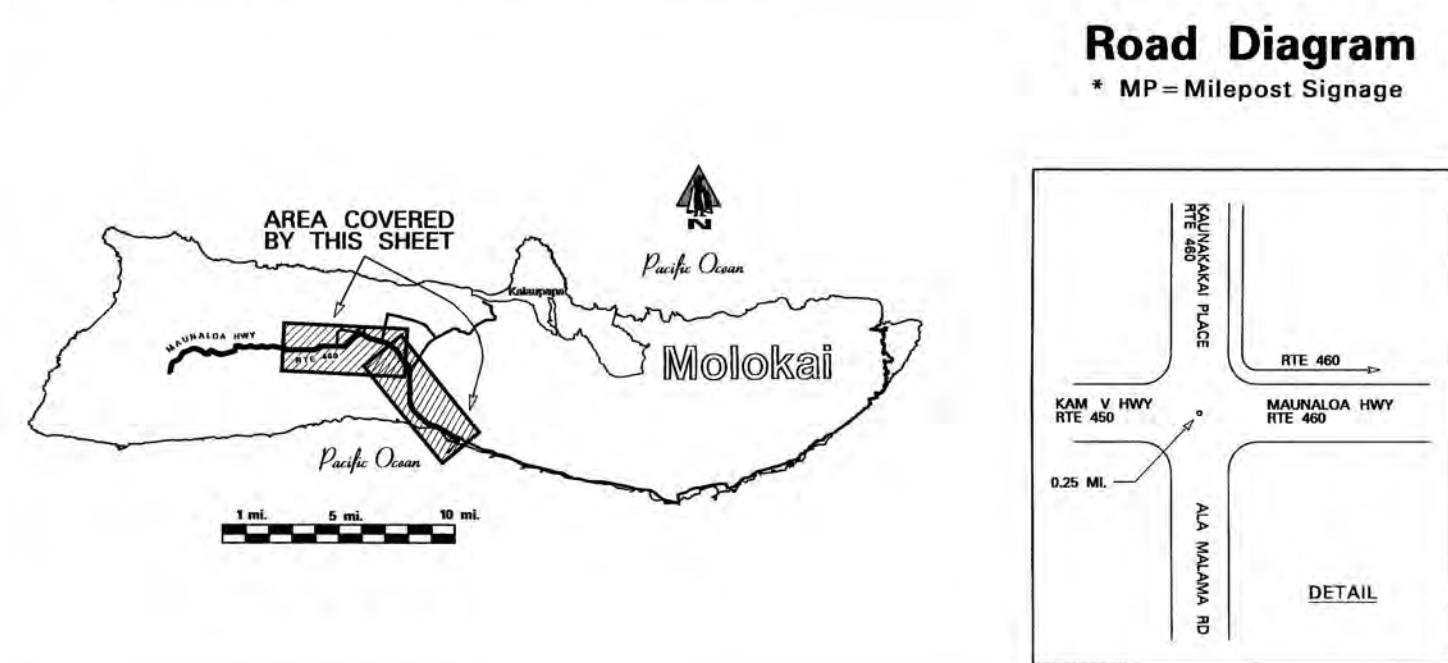
Control of Access: 1-None, 2-Partial, 3-Full

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	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

Project Name, Type of Construction, and Year Constructed



SCALE: (In Miles) 2" = 1 mile

[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

Illumination: Type, Location and Number

Current Degree of Contamination (Right and Left)

Curves:	Degree of Curve
1	15
2	15
3	15
4	15
5	15
6	15
7	15
8	15
9	15
10	15
11	15
12	15
13	15
14	15
15	15
16	15
17	15
18	15
19	15
20	15
21	15
22	15
23	15
24	15
25	15
26	15
27	15
28	15
29	15
30	15
31	15
32	15
33	15
34	15
35	15
36	15
37	15
38	15
39	15
40	15
41	15
42	15
43	15
44	15
45	15
46	15
47	15
48	15
49	15
50	15
51	15
52	15
53	15
54	15
55	15
56	15
57	15
58	15
59	15
60	15
61	15
62	15
63	15
64	15
65	15
66	15
67	15
68	15
69	15
70	15
71	15
72	15
73	15
74	15
75	15
76	15
77	15
78	15
79	15
80	15
81	15
82	15
83	15
84	15
85	15
86	15
87	15
88	15
89	15
90	15
91	15
92	15
93	15
94	15
95	15
96	15
97	15
98	15
99	15
100	15

Superelevation (Range)	
Good	Poor
0.00 to 0.05	0.05 to 0.10
0.05 to 0.10	0.10 to 0.15
0.10 to 0.15	0.15 to 0.20
0.15 to 0.20	0.20 to 0.25
0.20 to 0.25	0.25 to 0.30
0.25 to 0.30	0.30 to 0.35
0.30 to 0.35	0.35 to 0.40
0.35 to 0.40	0.40 to 0.45
0.40 to 0.45	0.45 to 0.50
0.45 to 0.50	0.50 to 0.55
0.50 to 0.55	0.55 to 0.60
0.55 to 0.60	0.60 to 0.65
0.60 to 0.65	0.65 to 0.70
0.65 to 0.70	0.70 to 0.75
0.70 to 0.75	0.75 to 0.80
0.75 to 0.80	0.80 to 0.85
0.80 to 0.85	0.85 to 0.90
0.85 to 0.90	0.90 to 0.95
0.90 to 0.95	0.95 to 1.00
0.95 to 1.00	1.00 to 1.05
1.00 to 1.05	1.05 to 1.10
1.05 to 1.10	1.10 to 1.15
1.10 to 1.15	1.15 to 1.20
1.15 to 1.20	1.20 to 1.25
1.20 to 1.25	1.25 to 1.30
1.25 to 1.30	1.30 to 1.35
1.30 to 1.35	1.35 to 1.40
1.35 to 1.40	1.40 to 1.45
1.40 to 1.45	1.45 to 1.50
1.45 to 1.50	1.50 to 1.55
1.50 to 1.55	1.55 to 1.60
1.55 to 1.60	1.60 to 1.65
1.60 to 1.65	1.65 to 1.70
1.65 to 1.70	1.70 to 1.75
1.70 to 1.75	1.75 to 1.80
1.75 to 1.80	1.80 to 1.85
1.80 to 1.85	1.85 to 1.90
1.85 to 1.90	1.90 to 1.95
1.90 to 1.95	1.95 to 2.00
1.95 to 2.00	2.00 to 2.05
2.00 to 2.05	2.05 to 2.10
2.05 to 2.10	2.10 to 2.15
2.10 to 2.15	2.15 to 2.20
2.15 to 2.20	2.20 to 2.25
2.20 to 2.25	2.25 to 2.30
2.25 to 2.30	2.30 to 2.35
2.30 to 2.35	2.35 to 2.40
2.35 to 2.40	2.40 to 2.45
2.40 to 2.45	2.45 to 2.50
2.45 to 2.50	2.50 to 2.55
2.50 to 2.55	2.55 to 2.60
2.55 to 2.60	2.60 to 2.65
2.60 to 2.65	2.65 to 2.70
2.65 to 2.70	2.70 to 2.75
2.70 to 2.75	2.75 to 2.80
2.75 to 2.80	2.80 to 2.85
2.80 to 2.85	2.85 to 2.90
2.85 to 2.90	2.90 to 2.95
2.90 to 2.95	2.95 to 3.00
2.95 to 3.00	3.00 to 3.05
3.00 to 3.05	3.05 to 3.10
3.05 to 3.10	3.10 to 3.15
3.10 to 3.15	3.15 to 3.20
3.15 to 3.20	3.20 to 3.25
3.20 to 3.25	3.25 to 3.30
3.25 to 3.30	3.30 to 3.35
3.30 to 3.35	3.35 to 3.40
3.35 to 3.40	3.40 to 3.45
3.40 to 3.45	3.45 to 3.50
3.45 to 3.50	3.50 to 3.55
3.50 to 3.55	3.55 to 3.60
3.55 to 3.60	3.60 to 3.65
3.60 to 3.65	3.65 to 3.70
3.65 to 3.70	3.70 to 3.75
3.70 to 3.75	3.75 to 3.80
3.75 to 3.80	3.80 to 3.85
3.80 to 3.85	3.85 to 3.90
3.85 to 3.90	3.90 to 3.95
3.90 to 3.95	3.95 to 4.00
3.95 to 4.00	4.00 to 4.05
4.00 to 4.05	4.05 to 4.10
4.05 to 4.10	4.10 to 4.15
4.10 to 4.15	4.15 to 4.20
4.15 to 4.20	4.20 to 4.25
4.20 to 4.25	4.25 to 4.30
4.25 to 4.30	4.30 to 4.35
4.30 to 4.35	4.35 to 4.40
4.35 to 4.40	4.40 to 4.45
4.40 to 4.45	4.45 to 4.50
4.45 to 4.50	4.50 to 4.55
4.50 to 4.55	4.55 to 4.60
4.55 to 4.60	4.60 to 4.65
4.60 to 4.65	4.65 to 4.70
4.65 to 4.70	4.70 to 4.75
4.70 to 4.75	4.75 to 4.80
4.75 to 4.80	4.80 to 4.85
4.80 to 4.85	4.85 to 4.90
4.85 to 4.90	4.90 to 4.95
4.90 to 4.95	4.95 to 5.00
4.95 to 5.00	5.00 to 5.05
5.00 to 5.05	5.05 to 5.10
5.05 to 5.10	5.10 to 5.15
5.10 to 5.15	5.15 to 5.20
5.15 to 5.20	

Grades:	%	Grade, Positive or Negative
1	100	Positive
2	100	Positive
3	100	Positive
4	100	Positive
5	100	Positive
6	100	Positive
7	100	Positive
8	100	Positive
9	100	Positive
10	100	Positive
11	100	Positive
12	100	Positive
13	100	Positive
14	100	Positive
15	100	Positive
16	100	Positive
17	100	Positive
18	100	Positive
19	100	Positive
20	100	Positive
21	100	Positive
22	100	Positive
23	100	Positive
24	100	Positive
25	100	Positive
26	100	Positive
27	100	Positive
28	100	Positive
29	100	Positive
30	100	Positive
31	100	Positive
32	100	Positive
33	100	Positive
34	100	Positive
35	100	Positive
36	100	Positive
37	100	Positive
38	100	Positive
39	100	Positive
40	100	Positive
41	100	Positive
42	100	Positive
43	100	Positive
44	100	Positive
45	100	Positive
46	100	Positive
47	100	Positive
48	100	Positive
49	100	Positive
50	100	Positive
51	100	Positive
52	100	Positive
53	100	Positive
54	100	Positive
55	100	Positive
56	100	Positive
57	100	Positive
58	100	Positive
59	100	Positive
60	100	Positive
61	100	Positive
62	100	Positive
63	100	Positive
64	100	Positive
65	100	Positive
66	100	Positive
67	100	Positive
68	100	Positive
69	100	Positive
70	100	Positive
71	100	Positive
72	100	Positive
73	100	Positive
74	100	Positive
75	100	Positive
76	100	Positive
77	100	Positive
78	100	Positive
79	100	Positive
80	100	Positive
81	100	Positive
82	100	Positive
83	100	Positive
84	100	Positive
85	100	Positive
86	100	Positive
87	100	Positive
88	100	Positive
89	100	Positive
90	100	Positive
91	100	Positive
92	100	Positive
93	100	Positive
94	100	Positive
95	100	Positive
96	100	Positive
97	100	Positive
98	100	Positive
99	100	Positive
100	100	Positive

Vertical Curve: Crest or

Area and Development:

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

Speed: 1-Design, 2-Posted

Intersection Control Devices:

Traffic Stations (Current Year)

HPMS Sections – AADT 2010

HPMS Sections – AADT 2009

HPMS Section

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

[illegible]

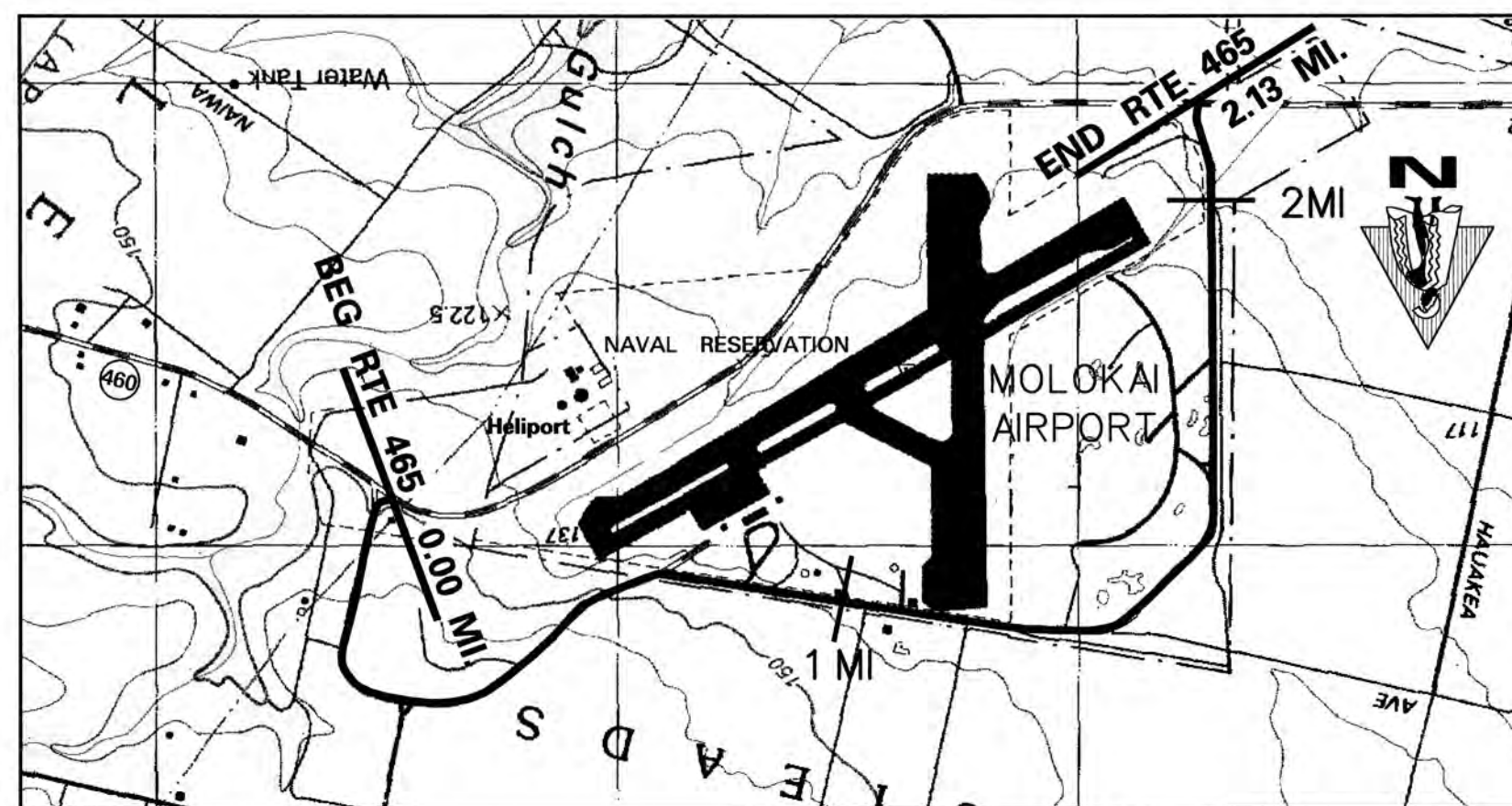
SCALE: (In Miles) 2" = 1 mile

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	2.13		MILES (a + b)
a. Existing Length:	2.13	MILES	
b. Proposed Length:	0.00	MILES	
Total Travel Way Length:	2.13		MILES (a + b, less c)
a. Existing Length:	2.13	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		



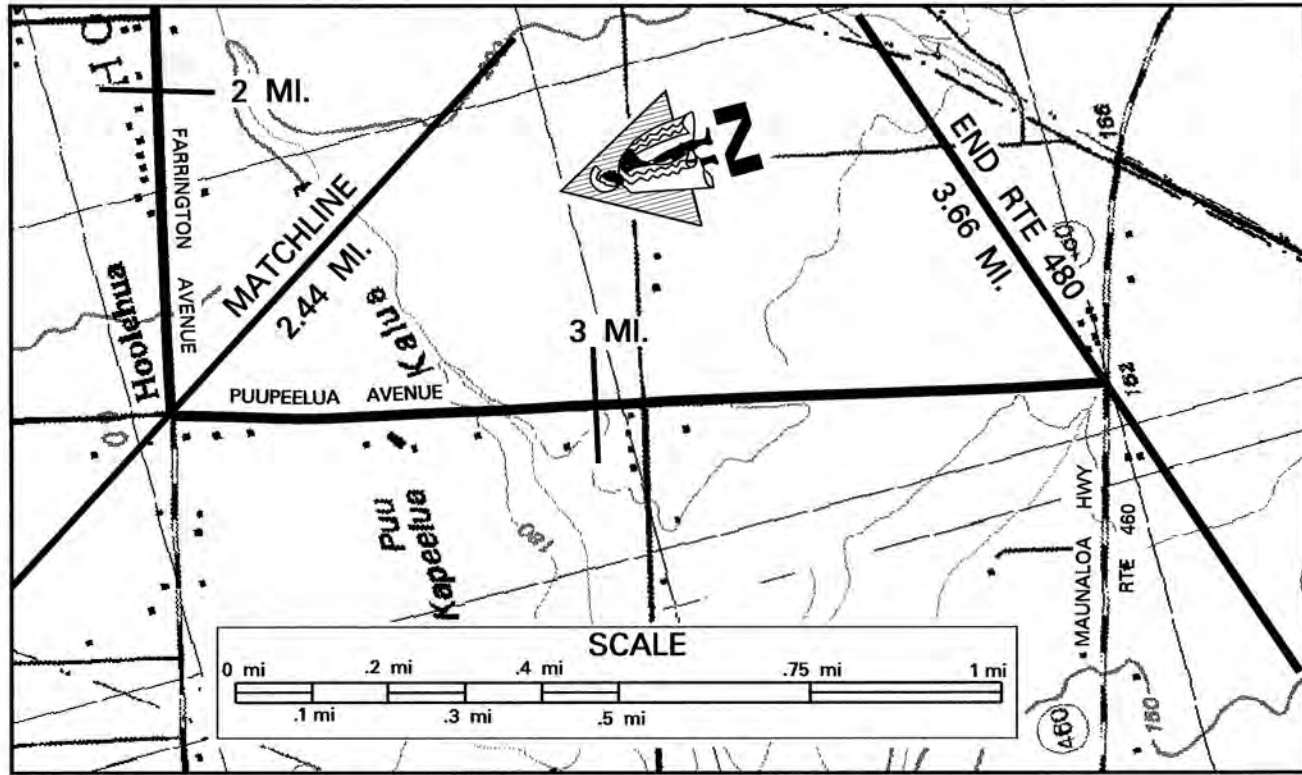
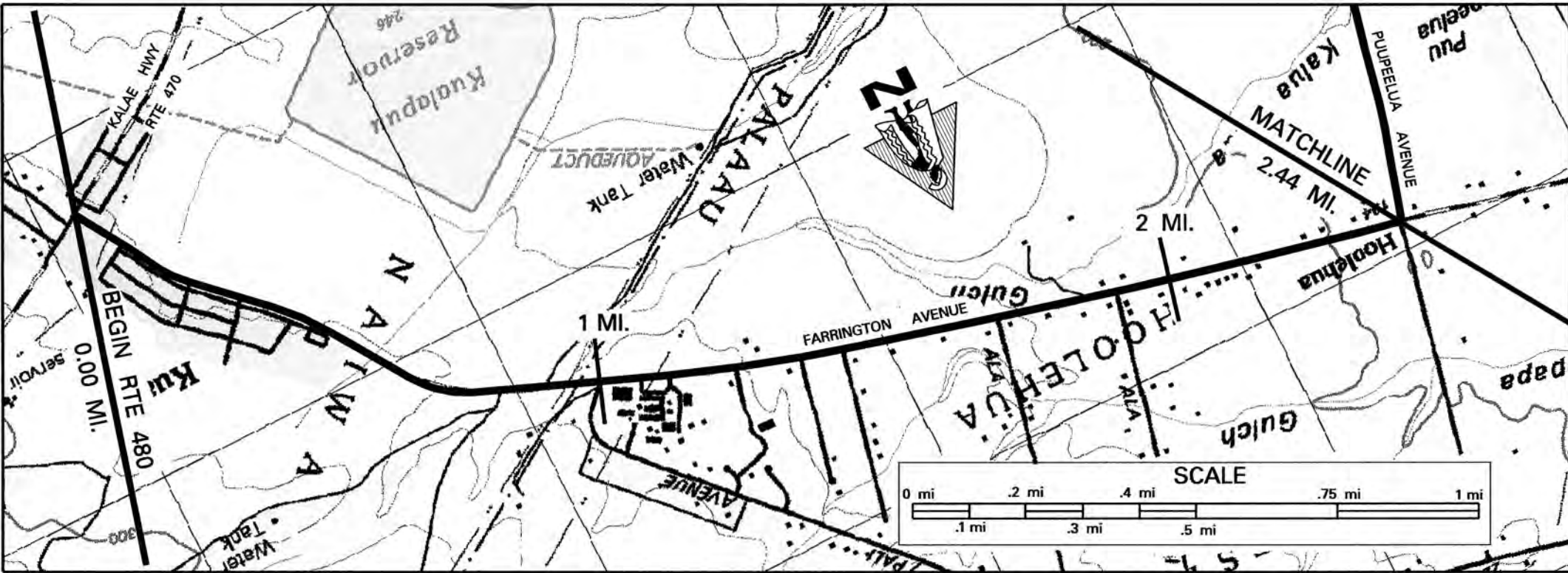
SCALE: (In Miles) 4" = 1 mile		0	1	2	3											
Maintenance Control Sections : Length and Description																
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed															
	Vertical Clearance															
	Horizontal Clearance															
Structure Over Road	Vertical Clearance															
	Horizontal Clearance															
Right of Way Width (min.-max.) if varies Available Right of Way Width (Needs Study)																
Right of Way Fence: Type – Right and Left																
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																
Road Diagram * MP = Milepost Signage		BEGIN ROUTE 466 ON EAST JUNCTION OF AIRPORT LOOP (KEONELELE AVE) AT THE NORTH EDGE OF PAVEMENT OF MAUNALOA HIGHWAY (RTE 460). 0.00 MI.	Mokulele Street 0.35 mi.	Hookehua Airport Road 0.86 mi.	Paved Roads 1.07 mi. 1.00 mi.	Dirt Road 1.22 mi.	Dirt Road 1.58 mi.	Paved Road 1.63 mi.	Pine St. 1.79 mi.	Dirt Road 1.90 mi.	END RTE 466 ON WEST JUNCTION OF AIRPORT LOOP (LAUUNI ST.) AT THE NORTH EDGE OF PAVEMENT OF MAUNALOA HIGHWAY (RTE 460). 2.13 MI.					
SCALE: (In Miles) 4" = 1 mile		0	1	2	3											
Divided Highway	Undivided	Shoulder: Width and Type	Dirt / Grass	40' 0.08	15'	10' 0.07	15'	18' AC	6' 0.05	20' 0.07	10' 0.04	15'	18' BP	0 0.00	10'	15'
		Pavement: Width and Type	Dirt / Grass	15' 0.22	10'	6' 0.05	15'	20' 0.07	10' 0.04	15'	18' BP	0 0.00	10'	15'		
	Divided	Shoulder: Width and Type	Dirt / Grass													
		Median: Width and Type														
		Shoulder: Width and Type														
		Pavement: Width and Type														
Shoulder: Width and Type																
Number of Traffic Lanes			2 - 9'													
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:			Rural (99999)													
Terrain: 1-Flat, 2-Rolling, 3-Mountainous			Rolling (2)													
Speed: 1-Design, 2-Posted			30 MPH													
Intersection Control Devices: Type, Location and Cycle Timing																
Traffic Stations (Current Year)			875 0465 00000	875 0465 00035	875 0465 00086											
HPMS Sections – AADT 2010			620	710	170											
HPMS Sections – AADT 2009			650	910	260											
HPMS Sections – AADT 2008			684 0.05	884 0.06	144											
DOD Sections																
Census Tracts																
Functional Classification			Major Collector (5)													
National Highway System (NHS)			Not on NHS (0)													
Previous Projects: Project No., Date and Limits																
SCALE: (In Miles) 4" = 1 mile		0	1	2	3											

ROAD INVENTORY
MOLOKAI RTE 480
FARRINGTON AVE. – PUUPEELUA AVE.

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: 3.66 miles
a. Survey Length: 3.66 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure
Carrying
Road

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

Vertical Clearance

Horizontal Clearance

Structure
Over
Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

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

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

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed

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

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
LANAI RTE. 440
KAUMALAPAU HWY., MANELE 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

* ROUTE LENGTH	=	13.18 mi.
AIRPORT SPUR	=	0.47 mi.
LANAI CITY SPUR	=	0.03 mi.
TOTAL	=	13.68 mi.

Total Designated Route Length:	13.68 *	MILES (a+b)
a. Existing Length:	13.68 *	MILES
b. Proposed Length:	NONE	MILES
Total Travel Way Length:	13.68 *	MILES (a+b, less c)
a. Existing Length:	13.68 *	MILES
b. Temporary Length:	NONE	MILES
c. Length used as T.W. for another Route:	NONE	MILES (-)

NEEDS STUDY ROUTE NO. FUNCTIONAL CLASSIFICATION

SCALE: (In Miles) 2" = 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)

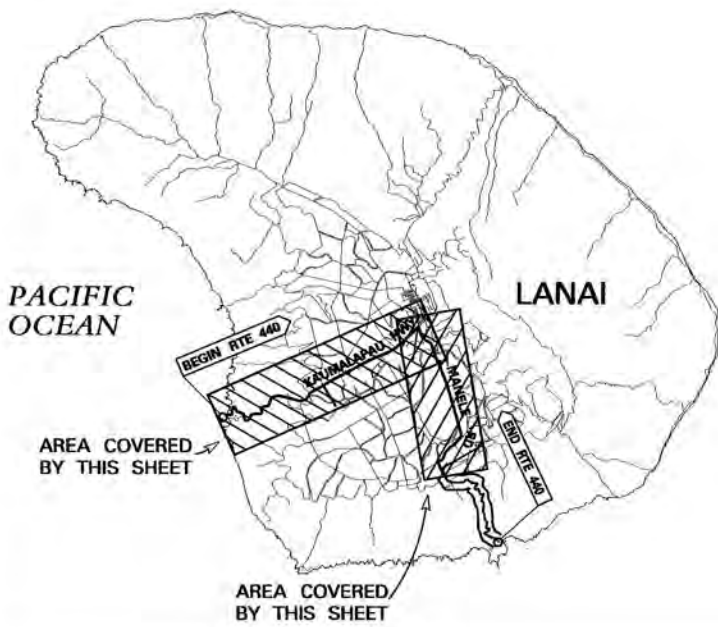
Right of Way Fence: Type - Right and Left

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 ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED

Pavement: Width and Type

Shoulder: Width and Type ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED

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

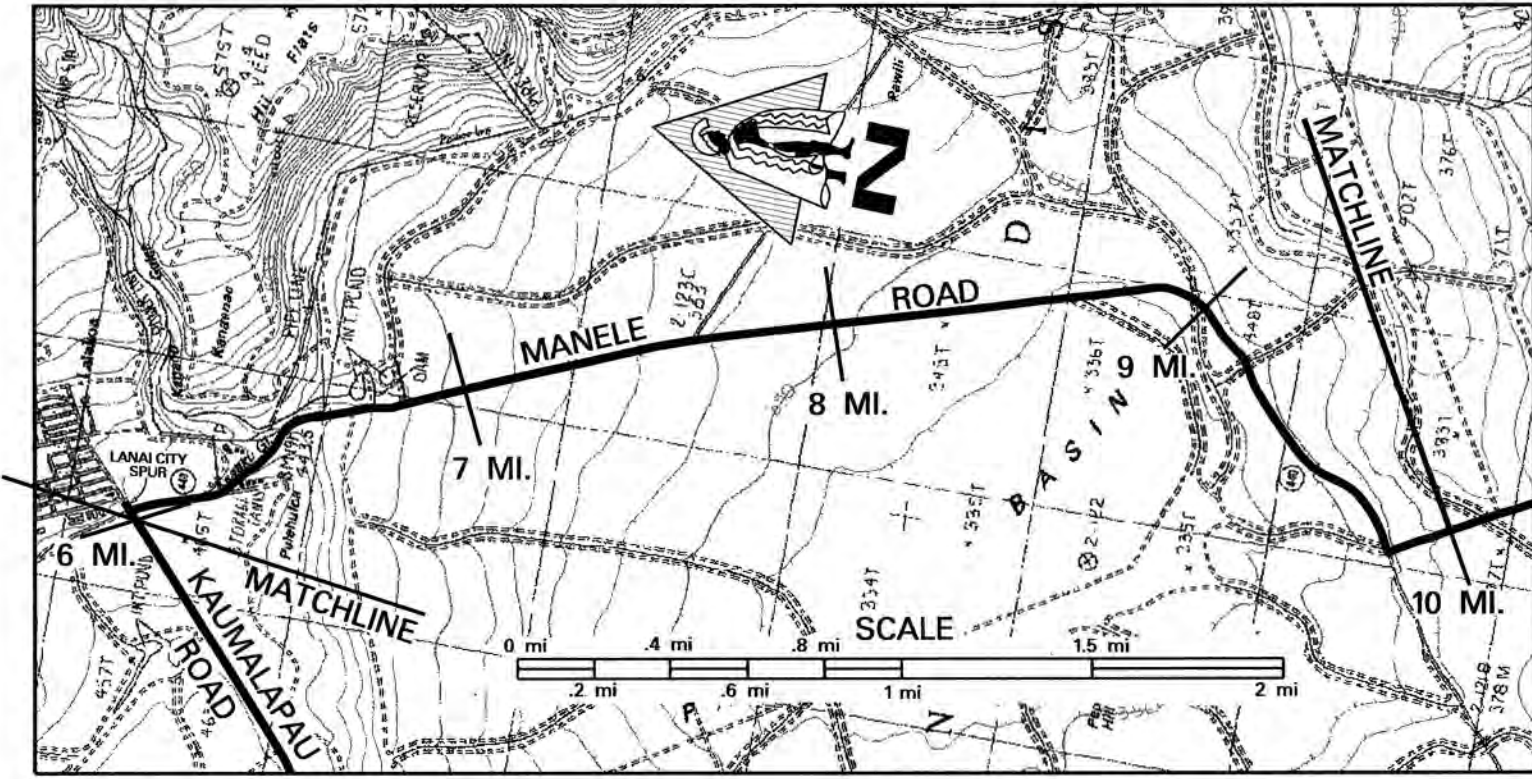
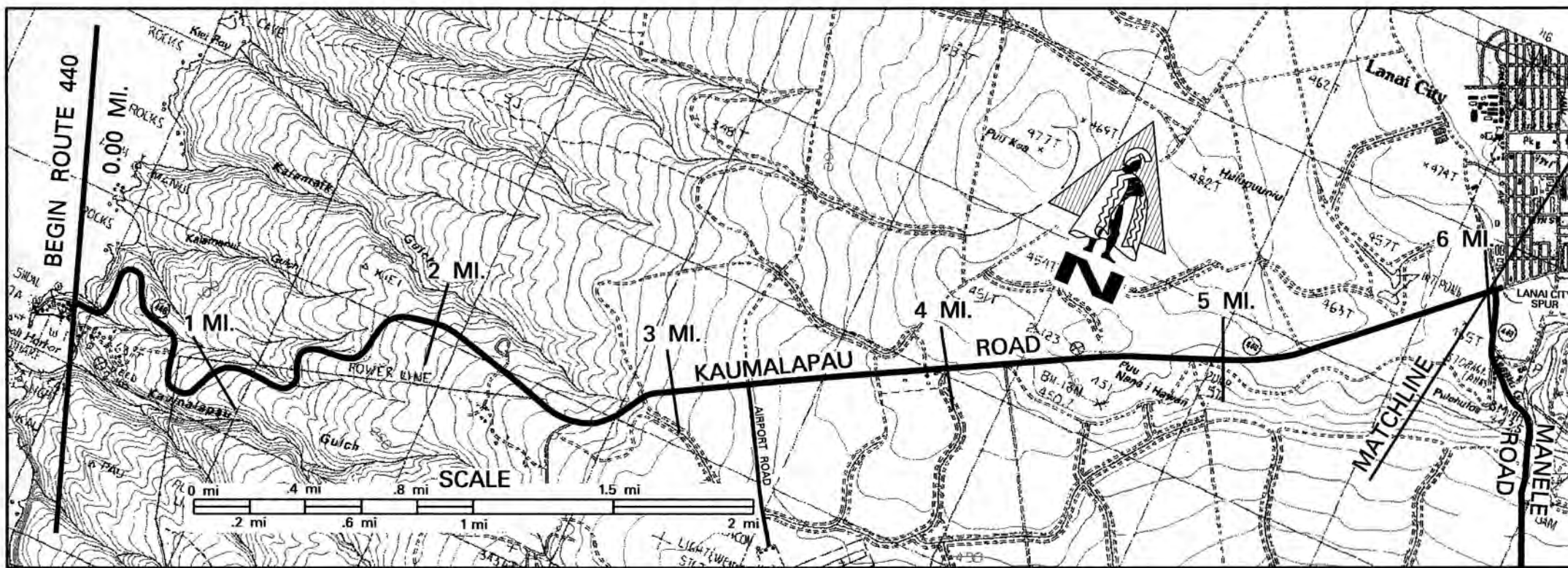
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



0 1 2 3 4 5 6 7 8 9 10

Beg. 440 A Same as 440A (5.97 mi.) * * Does not include Airport Spur (see sht. 2) or Kaumalapau Highway northeast of Manele Rd. (see diagram below) End 440 A On Kaumalapau Hwy 150' northeast of centerline intersection with Manele Rd. Begin 440 B On Manele Road at southeast edge of pavement of Kaumalapau Hwy 440B (7.21 mi.)

90' - 200' 80' - 130' 100' 80' - 150' 30'

Clear 1000' Pineapple Fields / Bushes, Small Trees 15' - 25' From Edge of Pavement

NONE

NONE

(440A-01-92M, (R), 1992)

0+00 440A-01-10M, PREV. MAINT., 2011 117+00 STATE 161+00 207+00 440A-01-01M, (R), 2004 259+00 319+00 0+00 32+50 STATE 193+50

440A-01-99M, Resurf., 2000 HWY - M - 02 - 97M, Shldr. Paving, 1998 440A-01-03M, Resurf., 2006 440A-01-02M, (R) 2003 440A-01-96M, 1997 STP - 0440(6) Resurf. Worksite #1 1996 440B-01-04M, Resurf., 2005 440B-01-98M, (R), '99 (440B-01-04M, Resurf., 2005) STP-0440 (5), 1995 (Resurfacing & Improvements)

0+00 117+00 161+00 207+00 259+00 319+00 0+00 32+50 193+50

Begin Route 440 on Kaumalapau Hwy., at Kaumalapau Harbor, at the centerline mon. 175' E. of the E. boundary of the Standard Oil Co. fuel - storage lot. 0.00 mi.

0.00 mi. 0.51 mi. 0.65 mi. 0.98 mi. 1.49 mi. 1.98 mi. 2.40 mi. 2.56 mi. 2.85 mi. 3.00 mi. 3.13 mi. 3.23 mi. 3.42 mi. 4.31 mi. 4.37 mi. 4.48 mi. 4.63 mi. 4.84 mi. 5.00 mi. 5.22 mi. 5.57 mi. 5.97 mi. 6.03 mi. 6.09 mi. 6.15 mi. 6.21 mi. 6.27 mi. 6.33 mi. 6.39 mi. 6.45 mi. 6.51 mi. 6.57 mi. 6.63 mi. 6.69 mi. 6.75 mi. 6.81 mi. 6.87 mi. 6.93 mi. 6.99 mi. 7.05 mi. 7.11 mi. 7.17 mi. 7.23 mi. 7.29 mi. 7.35 mi. 7.41 mi. 7.47 mi. 7.53 mi. 7.59 mi. 7.65 mi. 7.71 mi. 7.77 mi. 7.83 mi. 7.89 mi. 7.95 mi. 8.01 mi. 8.07 mi. 8.13 mi. 8.19 mi. 8.25 mi. 8.31 mi. 8.37 mi. 8.43 mi. 8.49 mi. 8.55 mi. 8.61 mi. 8.67 mi. 8.73 mi. 8.79 mi. 8.85 mi. 8.91 mi. 8.97 mi. 9.03 mi. 9.09 mi. 9.15 mi. 9.21 mi. 9.27 mi. 9.33 mi. 9.39 mi. 9.45 mi. 9.51 mi. 9.57 mi. 9.63 mi. 9.69 mi. 9.75 mi. 9.81 mi. 9.87 mi. 9.93 mi. 9.99 mi. 10.05 mi. 10.11 mi. 10.17 mi. 10.23 mi. 10.29 mi. 10.35 mi. 10.41 mi. 10.47 mi. 10.53 mi. 10.59 mi. 10.65 mi. 10.71 mi. 10.77 mi. 10.83 mi. 10.89 mi. 10.95 mi. 11.01 mi. 11.07 mi. 11.13 mi. 11.19 mi. 11.25 mi. 11.31 mi. 11.37 mi. 11.43 mi. 11.49 mi. 11.55 mi. 11.61 mi. 11.67 mi. 11.73 mi. 11.79 mi. 11.85 mi. 11.91 mi. 11.97 mi. 12.03 mi. 12.09 mi. 12.15 mi. 12.21 mi. 12.27 mi. 12.33 mi. 12.39 mi. 12.45 mi. 12.51 mi. 12.57 mi. 12.63 mi. 12.69 mi. 12.75 mi. 12.81 mi. 12.87 mi. 12.93 mi. 12.99 mi. 13.05 mi. 13.11 mi. 13.17 mi. 13.23 mi. 13.29 mi. 13.35 mi. 13.41 mi. 13.47 mi. 13.53 mi. 13.59 mi. 13.65 mi. 13.71 mi. 13.77 mi. 13.83 mi. 13.89 mi. 13.95 mi. 14.01 mi. 14.07 mi. 14.13 mi. 14.19 mi. 14.25 mi. 14.31 mi. 14.37 mi. 14.43 mi. 14.49 mi. 14.55 mi. 14.61 mi. 14.67 mi. 14.73 mi. 14.79 mi. 14.85 mi. 14.91 mi. 14.97 mi. 15.03 mi. 15.09 mi. 15.15 mi. 15.21 mi. 15.27 mi. 15.33 mi. 15.39 mi. 15.45 mi. 15.51 mi. 15.57 mi. 15.63 mi. 15.69 mi. 15.75 mi. 15.81 mi. 15.87 mi. 15.93 mi. 15.99 mi. 16.05 mi. 16.11 mi. 16.17 mi. 16.23 mi. 16.29 mi. 16.35 mi. 16.41 mi. 16.47 mi. 16.53 mi. 16.59 mi. 16.65 mi. 16.71 mi. 16.77 mi. 16.83 mi. 16.89 mi. 16.95 mi. 17.01 mi. 17.07 mi. 17.13 mi. 17.19 mi. 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35.25 mi. 35.31 mi. 35.37 mi. 35.43 mi. 35.49 mi. 35.55 mi. 35.61 mi. 35.67 mi. 35.73 mi. 35.79 mi. 35.85 mi. 35.91 mi. 35.97 mi. 36.03 mi. 36.09 mi. 36.15 mi. 36.21 mi. 36.27 mi. 36.33 mi. 36.39 mi. 36.45 mi. 36.51 mi. 36.57 mi. 36.63 mi. 36.69 mi. 36.75 mi. 36.81 mi. 36.87 mi. 36.93 mi. 36.99 mi. 37.05 mi. 37.11 mi. 37.17 mi. 37.23 mi. 37.29 mi. 37.35 mi. 37.41 mi. 37.47 mi. 37.53 mi. 37.59 mi. 37.65 mi. 37.71 mi. 37.77 mi. 37.83 mi. 37.89 mi. 37.95 mi. 38.01 mi. 38.07 mi. 38.13 mi. 38.19 mi. 38.25 mi. 38.31 mi. 38.37 mi. 38.43 mi. 38.49 mi. 38.55 mi. 38.61 mi. 38.67 mi. 38.73 mi. 38.79 mi. 38.85 mi. 38.91 mi. 38.97 mi. 39.03 mi. 39.09 mi. 39.15 mi. 39.21 mi. 39.27 mi. 39.33 mi. 39.39 mi. 39.45 mi. 39.51 mi. 39.57 mi. 39.63 mi. 39.69 mi. 39.75 mi. 39.81 mi. 39.87 mi. 39.93 mi. 39.99 mi. 40.05 mi. 40.11 mi. 40.17 mi. 40.23 mi. 40.29 mi. 40.35 mi. 40.41 mi. 40.47 mi. 40.53 mi. 40.59 mi. 40.65 mi. 40.71 mi. 40.77 mi. 40.83 mi. 40.89 mi. 40.95 mi. 41.01 mi. 41.07 mi. 41.13 mi. 41.19 mi. 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47.25 mi. 47.31 mi. 47.37 mi. 47.43 mi. 47.49 mi. 47.55 mi. 47.61 mi. 47.67 mi. 47.73 mi. 47.79 mi. 47.85 mi. 47.91 mi. 47.97 mi. 48.03 mi. 48.09 mi. 48.15 mi. 48.21 mi. 48.27 mi. 48.33 mi. 48.39 mi. 48.45 mi. 48.51 mi. 48.57 mi. 48.63 mi. 48.69 mi. 48.75 mi. 48.81 mi. 48.87 mi. 48.93 mi. 48.99 mi. 49.05 mi. 49.11 mi. 49.17 mi. 49.23 mi. 49.29 mi. 49.35 mi. 49.41 mi. 49.47 mi. 49.53 mi. 49.59 mi. 49.65 mi. 49.71 mi. 49.77 mi. 49.83 mi. 49.89 mi. 49.95 mi. 50.01 mi. 50.07 mi. 50.13 mi. 50.19 mi. 50.25 mi. 50.31 mi. 50.37 mi. 50.43 mi. 50.49 mi. 50.55 mi. 50.61 mi. 50.67 mi. 50.73 mi. 50.79 mi. 50.85 mi. 50.91 mi. 50.97 mi. 51.03 mi. 51.09 mi. 51.15 mi. 51.21 mi. 51.27 mi. 51.33 mi. 51.39 mi. 51.45 mi. 51.51 mi. 51.57 mi. 51.63 mi. 51.69 mi. 51.75 mi. 51.81 mi. 51.87 mi. 51.93 mi. 51.99 mi. 52.05 mi. 52.11 mi. 52.17 mi. 52.23 mi. 52.29 mi. 52.35 mi. 52.41 mi. 52.47 mi. 52.53 mi. 52.59 mi. 52.65 mi. 52.71 mi. 52.77 mi. 52.83 mi. 52.89 mi. 52.95 mi. 53.01 mi. 53.07 mi. 53.13 mi. 53.19 mi. 53.25 mi. 53.31 mi. 53.37 mi. 53.43 mi. 53.49 mi. 53.55 mi. 53.61 mi. 53.67 mi. 53.73 mi. 53.79 mi. 53.85 mi. 53.91 mi. 53.97 mi. 54.03 mi. 54.09 mi. 54.15 mi. 54.21 mi. 54.27 mi. 54.33 mi. 54.39 mi. 54.45 mi. 54.51 mi. 54.57 mi. 54.63 mi. 54.69 mi. 54.75 mi. 54.81 mi. 54.87 mi. 54.93 mi. 54.99 mi. 55.05 mi. 55.11 mi. 55.17 mi. 55.23 mi. 55.29 mi. 55.35 mi. 55.41 mi. 55.47 mi. 55.53 mi. 55.59 mi. 55.65 mi. 55.71 mi. 55.77 mi. 55.83 mi. 55.89 mi. 55.95 mi. 56.01 mi. 56.07 mi. 56.13 mi. 56.19 mi. 56.25 mi. 56.31 mi. 56.37 mi. 56.43 mi. 56.49 mi. 56.55 mi. 56.61 mi. 56.67 mi. 56.73 mi. 56.79 mi. 56.85 mi. 56.91 mi. 56.97 mi. 57.03 mi. 57.09 mi. 57.15 mi. 57.21 mi. 57.27 mi. 57.33 mi. 57.39 mi. 57.45 mi. 57.51 mi. 57.57 mi. 57.63 mi. 57.69 mi. 57.75 mi. 57.81 mi. 57.87 mi. 57.93 mi. 57.99 mi. 58.05 mi. 58.11 mi. 58.17 mi. 58.23 mi. 58.29 mi. 58.35 mi. 58.41 mi. 58.47 mi. 58.53 mi. 58.59 mi. 58.65 mi. 58.71 mi. 58.77 mi. 58.83 mi. 58.89 mi. 58.95 mi. 59.01 mi. 59.07 mi. 59.13 mi. 59.19 mi. 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65.25 mi. 65.31 mi. 65.37 mi. 65.43 mi. 65.49 mi. 65.55 mi. 65.61 mi. 65.67 mi. 65.73 mi. 65.79 mi. 65.85 mi. 65.91 mi. 65.97 mi. 66.03 mi. 66.09 mi. 66.15 mi. 66.21 mi. 66.27 mi. 66.33 mi. 66.39 mi. 66.45 mi. 66.51 mi. 66.57 mi. 66.63 mi. 66.69 mi. 66.75 mi. 66.81 mi. 66.87 mi. 66.93 mi. 66.99 mi. 67.05 mi. 67.11 mi. 67.17 mi. 67.23 mi. 67.29 mi. 67.35 mi. 67.41 mi. 67.47 mi. 67.53 mi. 67.59 mi. 67.65 mi. 67.71 mi. 67.77 mi. 67.83 mi. 67.89 mi. 67.95 mi. 68.01 mi. 68.07 mi. 68.13 mi. 68.19 mi. 68.25 mi. 68.31 mi. 68.37 mi. 68.43 mi. 68.49 mi. 68.55 mi. 68.61 mi. 68.67 mi. 68.73 mi. 68.79 mi. 68.85 mi. 68.91 mi. 68.97 mi

