

GENERAL NOTES

1. This project consists of removing and disposing existing signs, sign panels, route markers, mile post markers, object markers, and posts and anchors; and furnishing and installing new signs, sign panels, route markers, mile post markers, object markers, and posts and anchors.
2. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts, which requires him to perform work amounting to not less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
3. The Contractor's attention is directed to the following Sections: Subsection 107.06 - Contractor Duty Regarding Public Convenience, Subsection 407.05 - (Tack Coat) Payment, and Section 645 - Work Zone Traffic Control.
4. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
5. The existence and location of underground utilities, manholes, monuments and structures may be determined from previous construction plans but the accuracy is not guaranteed. The encountering of other obstacles during the course of the work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
6. Contractor shall provide for access to and from existing side streets and driveways at all times.
7. Public Notice is required for lane closures. Contractor shall submit notice to the Engineer for approval a minimum of three weeks prior to publication. Pre-approval of notice, with dates left blank, is permissible.
8. No equipment shall be stored within the state Right-of-Way except at locations approved by the Engineer.

9. The Contractor shall schedule his work around the Ironman Triathlon Race activities, held annually in October. No Construction work along the race route shall be permitted during the three weeks prior to the event.

10. The project consists of seven (7) sites:
Route 11, Kea'au to Hilo
Route 11, Mt. View to Kea'au
Route 11, Kapapala Ranch to HVNP
Route 11, Ka'ohe to Ka'apuna
Route 250, Waimea to Hawi
Route 270, Mahukona to Kohala Ranch
Route 270, Hawi to Kapa'au

The Contractor shall complete all sign work within each respective site before proceeding to the next site. Exceptions may be granted by written approval of the Engineer.

11. The Contractor shall schedule his work so as to complete all sign work that he began that day by the end of each work day.

LEGEND

- Reconstruction Areas
Leveling Areas
Cold Planing Areas
Resurfacing Limits
Existing Electrical Line
New Electrical Line
Existing Joint Pole
Existing Power Pole
Existing Electric Manhole
Adjusted Elec. MH Frame/Cover
New Electric Manhole
Existing Telephone Line
New Telephone Line
Existing Telephone Pole
Existing Telephone Manhole
Adjusted Tele. MH Frame/Cover
New Telephone Manhole
Existing Signal Corps Line
New Signal Corps Line
Existing TV Cable
New TV Cable
Existing 12" Water Line
New 12" Water Line
Existing Water Manhole
Adjusted Water MH Frame/Cover
New Water Manhole
Existing Water Air Valve
Adjusted Water Air Valve
New Water Air Valve
Existing Water Valve Box
Adjusted Water Valve Box
New Water Valve Box
Existing Water Meter
Adjusted Water Meter
New Water Meter
Existing Fire Hydrant
New Fire Hydrant

STOP = Existing Sign to Remain

STOP = New Sign

- Existing State Right-Of-Way, Access Opening
Existing Guardrail
New Guardrail
Existing 12" Sewer Line
New 12" Sewer Line
Existing Sewer Manhole
Adjusted Sewer MH Frame/Cover
New Sewer Manhole
Existing 6" Gas Line
New 6" Gas Line
Existing Gas Valve Box
Adjusted Gas Valve Box
New Gas Valve Box
Existing Gas Manhole
Adjusted Gas MH Frame/Cover
New Gas Manhole
Existing Monument
Adjusted Monument
New Monument
Existing 24" Drain Line
New 24" RCP Drain Line
Existing Storm Drain Manhole
Adjusted Storm Drain MH Frame/Cover
New Storm Drain Manhole
Existing Grated Drop Inlet
Existing Catch Basin
Existing Traffic Sign
New Traffic Sign
Existing Highway Lighting Standard
Existing Highway Lighting Pullbox
Edge of Pavement
Edge of Shoulder
Right of Way
Baseline
On Center
Match Line
Point of Curvature
Point of Tangency
Point on Tangent

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 3	113

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	

6/8/15	Previous note 4 & 10 deleted, remaining notes renumbered. Notes 9 to 11 added.
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL NOTES AND LEGEND	
REPLACEMENT OF HIGHWAY SIGNS, VARIOUS LOCATIONS, ISLAND OF HAWAII	
Project No. HWY-H-02-15M	
Scale: None	Date: May, 2015
SHEET No. 1 OF 1 SHEETS	

WATER POLLUTION AND EROSION CONTROL NOTES (Cont.):

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 6	113

E. PERMIT REQUIREMENTS:

- The calculated land disturbance area for this project based on the construction plans is 0.1 acres not including Contractor Staging and Storage areas. If the total of the disturbed area and the Contractor Staging and Storage area is one acre or greater, the Contractor shall obtain the NPDES Construction Activities Permit using HDOT's latest SWPPP template. See Hawaii Administrative Rules Chapter 11-55, Appendix C for the definition of land disturbance. The Contractor shall be responsible for obtaining the required NPDES Construction Activities Permit and complying with the requirements of HAR 11-55 including, but not limited to:
 - Deadlines for initiating and completing initial stabilization
 - Increased inspection frequency and installation of rain gage if applicable
 - Deadlines to initiate and complete repairs to BMPs
 - Reporting requirements and corrective action reports
- Comply with all applicable State and Federal Permit conditions. Permits may include, but not limited to the following:
 - NPDES Permit for Construction Activities
 - NPDES Permit for Construction Dewatering
 - NPDES Permit for Hydrotesting Waters
 - Water Quality Certification
 - Stream Channel Alteration Permit
 - Section 404 Army Corps of Engineer Permit

F. SITE-SPECIFIC BMP REQUIREMENTS:

Each BMP below is referenced to the corresponding section of the current HDOT Construction Best Management Practices Field Manual and appropriate Supplemental Sheets. The Manual may be obtained from the HDOT Statewide Stormwater Management Program Website at <http://www.stormwaterhawaii.com/resources> under Construction Best Management Practices Field Manual. Supplemental BMP sheets are located at http://stormwaterhawaii.com/contractors/contractors_BMPmanual.aspx under Concrete Curing and Irrigation Water.

The requirements for Water Pollution, Dust, and Erosion Control submittals are included in Section 209 of the Hawaii Standard Specifications for Road and Bridge Construction dated 2005 and applicable Special Provisions. A list of pollutant sources and corresponding BMP used to mitigate the pollutants are included in Section 209 of the Special Provisions under Appendix A.

Follow the requirements below:

- Protect all Drainage Inlets receiving runoff from disturbed areas (SC-2).
- Contain on-site runoff using Perimeter Sediment Controls
 - SC-1 Silt Fence
 - SC-5 Vegetated Filter Strips and Buffers
 - SC-8 Compost Filter Berm
 - SC-13 Sandbag Barrier
 - SC-14 Brush or Rock Filter
- Control offsite runoff from entering construction area
 - EC-8 Run-On Diversion
 - SC-6 Earth Dike
 - SC-7 Temporary Drains and Swales

- Incorporate applicable Site Management BMP
 - SM-1 Employee Training
 - SM-2 Material Delivery and Storage
 - SM-3 Material Use
 - SM-4 Protection of Stockpiles
 - SM-6 Solid Waste Management
 - SM-7 Sanitary/Septic Waste Management
 - SM-9 Hazardous Waste Management
 - SM-10 Spill Prevention and Control
 - SM-11 Vehicle and Equipment Cleaning
 - SM-12 Vehicle and Equipment Maintenance
 - SM-13 Vehicle and Equipment Refueling
 - SM-14 Scheduling
 - SM-15 Location of Potential Sources of Sediment
 - SM-16 Preservation of Existing Vegetation
 - SM-18 Dust Control
- Contain pollutants within the Construction Staging/Storage Area BMP with applicable Perimeter Sediment Controls and Site Management BMP. Include a Stabilized Construction Entrance/Exit (EC-2) for all areas which exit onto a paved street. Restrict vehicle access to these points.
- Manage Concrete Waste including installing a Concrete Washout Area (SM-5) and properly disposing of Concrete Curing Water (California Stormwater BMP Handbook NS-12 Concrete Curing).
- Remove saw cut slurry and hydrodemolition water from the site by vacuuming. Provide storm drain protection and/or perimeter sediment controls during saw cutting and hydrodemolition work.
- For any work within 50 feet of a drainage inlet or culvert opening, the Contractor shall consult with the Engineer on the need for installing snake bags, biosocks or other secondary pollution containment devices. The Engineer will determine on a case-by-case basis, whether such devices need to be installed before work begins. If the Engineer determines that such pre-emptive measures need to be installed before starting work; payment for installation, maintenance, and removal shall be made under Pay Item 209.0200, Additional Water Pollution, Dust, and Erosion Control. All other pollution control measures arising during the Contractor's operations (good housekeeping practices, primary containment, stabilization, restoration) shall be considered part of Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	2/10/15
DESIGNED BY	CHECKED BY	
QUANTITIES BY		

1	6/8/15	Added note 8. Adjusted other notes to fit.
DATE	REVISION	
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
<u>WATER POLLUTION & EROSION CONTROL NOTES</u>		
<u>REPLACEMENT OF HIGHWAY SIGNS,</u> <u>VARIOUS LOCATIONS, ISLAND OF HAWAII</u> <u>Project No. HWY-H-02-15M</u>		
Scale: None		Date: May, 2015
SHEET No. 3 OF 3 SHEETS		

FED. ROAD DIST. NO.	STATE	PROJECT	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 7	113

SIGN NOTES

1.

Letter size:

a.

When letters are all uppercase, use series "E"

b.

When initial upper case letter is used in conjunction with lowercase letters, use series "E" (M) for uppercase letter.
2.

All signs shall conform to Section 621 of the Special Provisions and the latest editions and amendments of the following FHWA publications:

a.

"Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)

b.

"Standard Highway Signs"

c.

"Standard Alphabets for Highway Signs"
3.

Borders, messages, arrows, symbols, and shield shall conform to details as shown on the plans and as specified in the MUTDC.
4.

Sign messages shall be as indicated on the plan.
5.

All panels shall be reflectorized in accordance with Section 712.20 of the Standard Specifications. Minimum width of panels shall be 2 ft. Abutting edges of panels shall be in only one direction. If vertical abutting edges are used, no horizontal abutting edges shall be allowed and vice versa.
6.

Contractor shall submit all sign splicing details to the Engineer for approval. All backing for signs 4 feet by 6 feet shall be of one sheet.
7.

Paint all Sign Posts with yellow reflective paint. This work is considered as incidental to sign items.
8.

Existing signs not shown on these plans or listed in the Sign Schedule shall remain as posted unless otherwise directed by the Engineer.
9.

All signs, sign panels, markers, posts, and anchors removed shall be disposed of by the Contractor. Removal and disposal work shall be considered incidental to the various sign items and no separate payment shall be provided.
10.

Final locations of all signs shall be approved by the Engineer prior to any installation work.
11.

Except for speed limit signs, all new signs and sign panels shall be identical to the existing sign that they replace. The Contractor shall submit Shop Drawings to the Engineer for approval prior to fabricating the sign.
12.

New Speed Limit signs shall be 36"x 48" and installed on two posts. New Reduced Speed and Minimum Speed signs shall be 24"x 30" size signs.
13.

All signs greater than 10 square feet shall be installed with two posts. M-3, M-5, and M-12 signs are listed on the schedule as greater than 10 square feet because these signs are intended to be installed with two posts and shall be paid for accordingly.
14.

All signs shall be installed with square tube posts, unless otherwise noted.
15.

Destination sign panels shall be installed on existing breakaway sign posts. The posts shall be prepared for painting (rust removed, sanded) and shall be painted with yellow reflective paint. This work shall be considered incidental to the sign panel pay item.
16.

After removing existing sign posts, backfill post holes with selected material free of rock and accepted by the Engineer. Place backfill in layers and compact each layer as accepted by the Engineer. Grade and compact before resetting existing posts and installing new posts.
17.

Unless otherwise specified, installation of all new signs shown on the schedules shall be paid for as regulatory or warning signs.

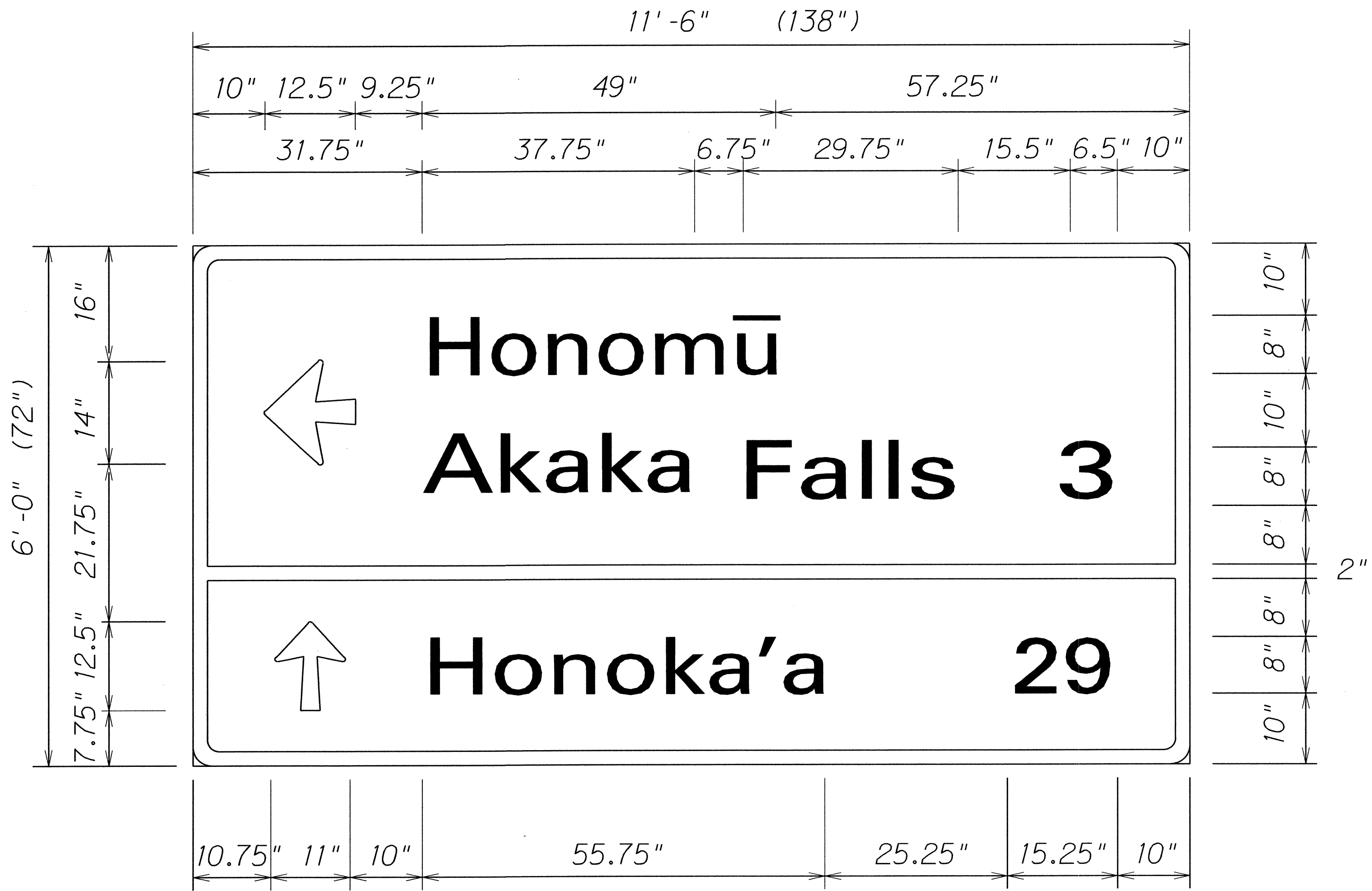
6/8/15	Previous notes 8 to 15 edited and amended to notes 8 to 17.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SIGN NOTES & TYPICAL DETAILS REPLACEMENT OF HIGHWAY SIGNS, VARIOUS LOCATIONS, ISLAND OF HAWAII Project No. HWY-H-02-15M Scale: None Date: May, 2015	
SHEET No. 1 OF 2 SHEETS	

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
Revised	
Revised	

FED. ROAD DIST. NO.	STATE	PROJECT	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 8	113

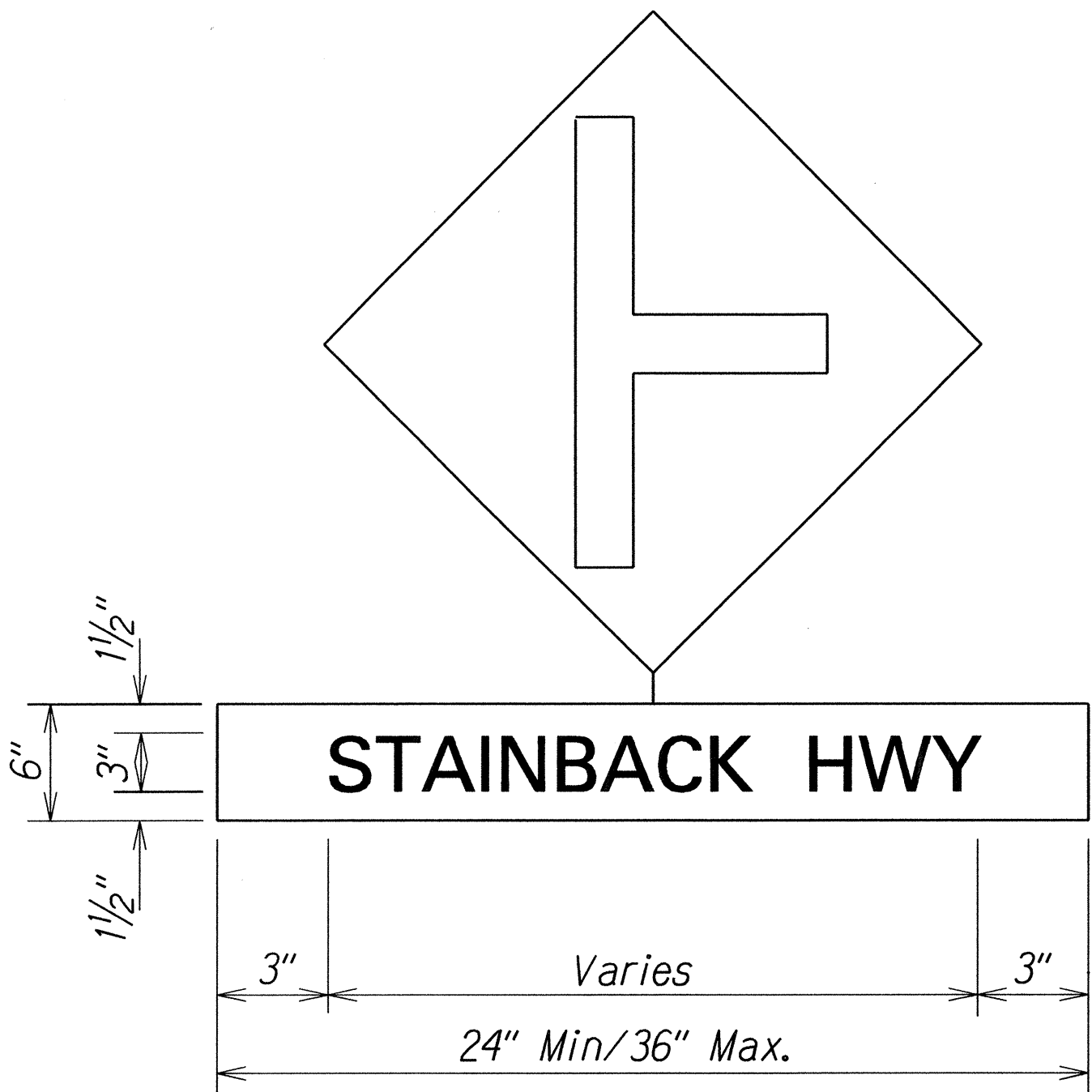


TYPICAL ADOPT A HIGHWAY SIGN DETAIL
Not To Scale
LEGEND: BLUE BACKGROUND: WHITE



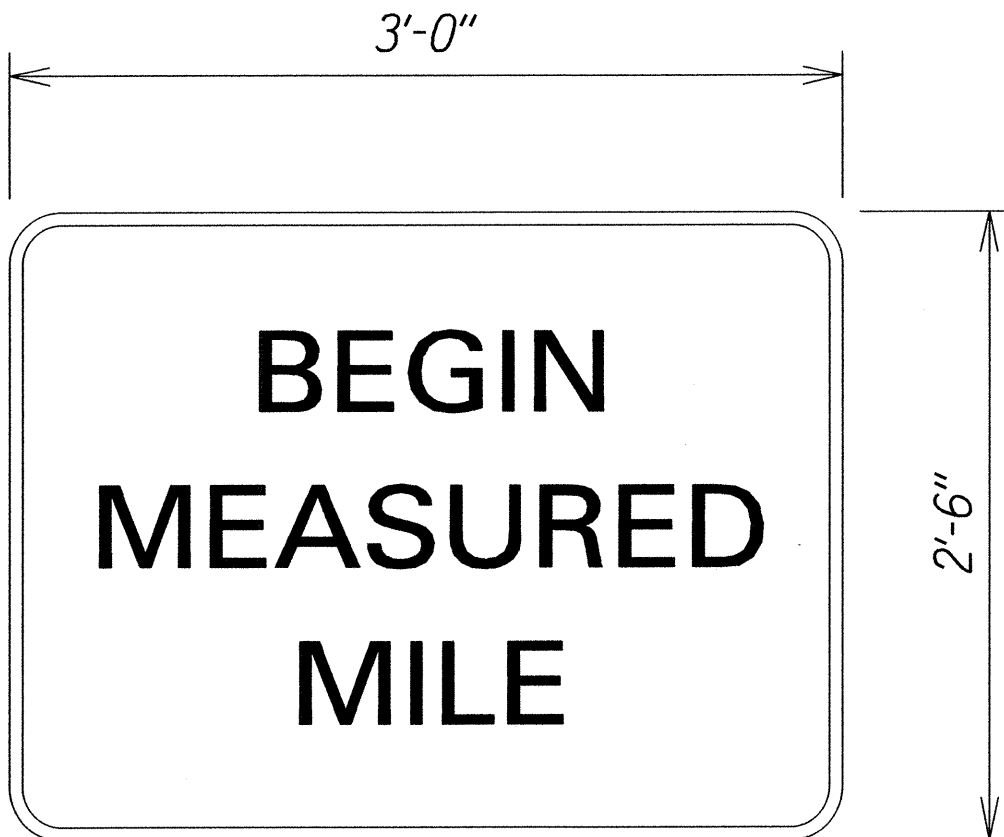
TYPICAL DESTINATION SIGN DETAIL
Not To Scale

NOTE:
8" Upper Case Letters
6" Lower Case Letters



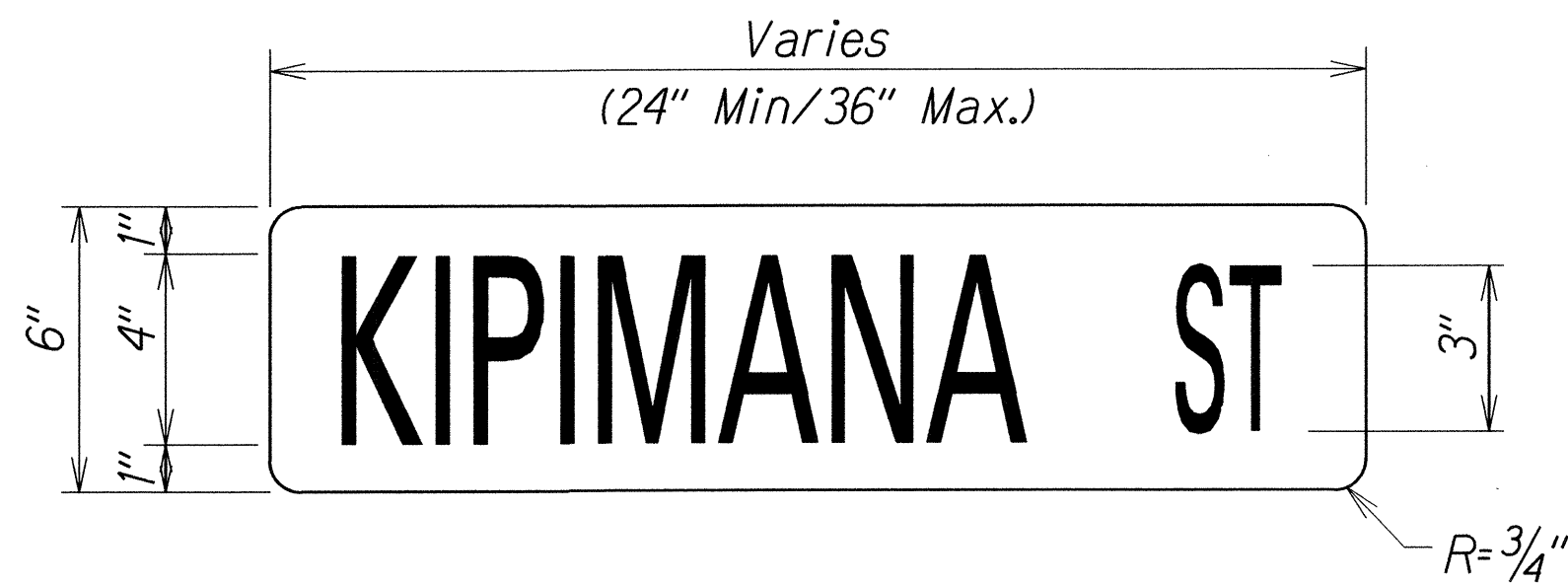
TYPICAL DETAIL S-1
(SUPPLEMENTAL STREET NAME)
Not To Scale

LEGEND: BLACK BACKGROUND: YELLOW



TYPICAL MEASURED MILE SIGN DETAIL
Not To Scale

LEGEND: BLACK BACKGROUND: WHITE



TYPICAL SIGN DETAIL SS-1
(Street Name On Stop Sign)
Not To Scale

LEGEND: WHITE BACKGROUND: GREEN

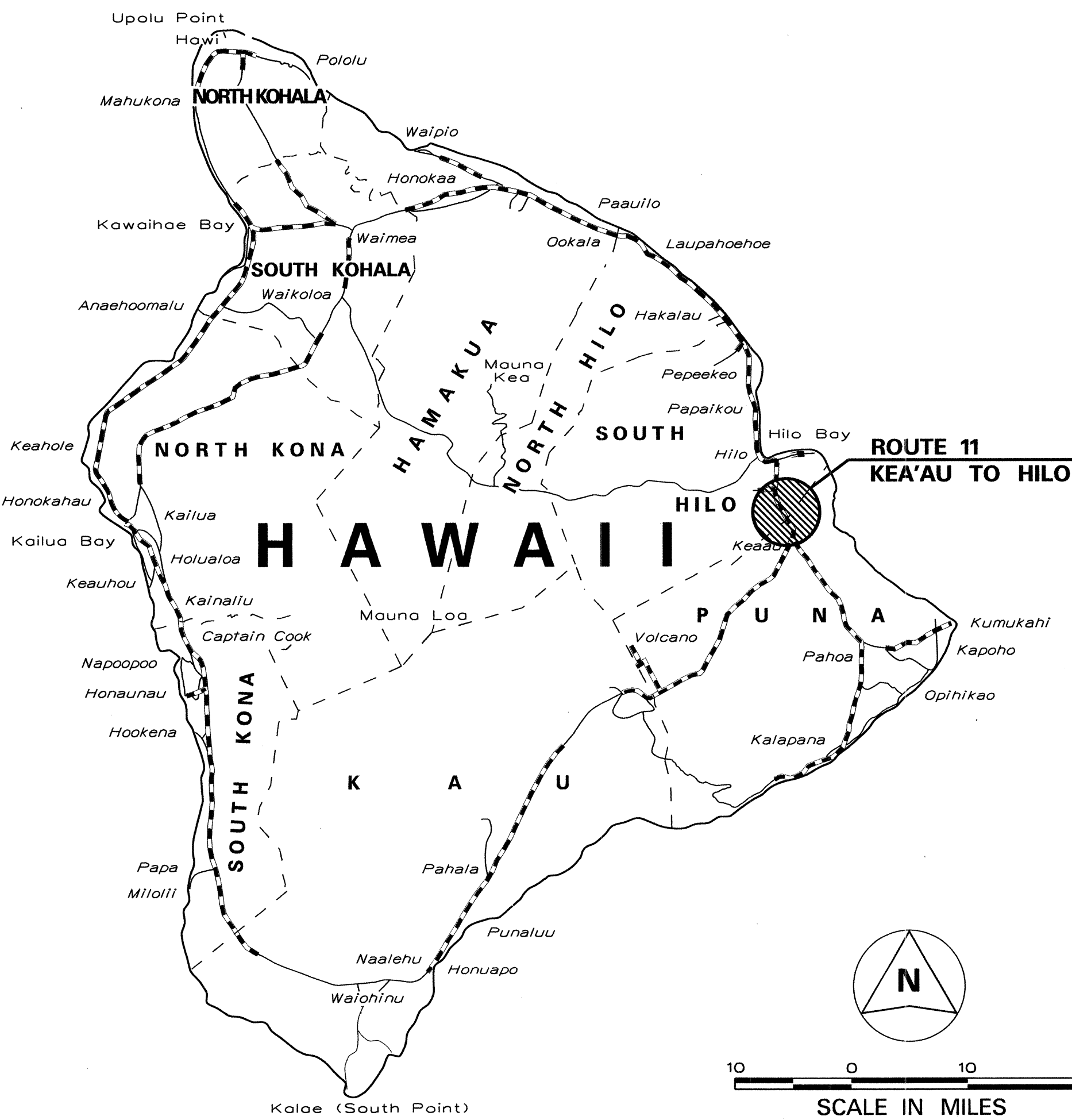
6/8/15	Added Typical Designation Sign Detail. Added legend and background color for other typical details
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SIGN NOTES & TYPICAL DETAILS REPLACEMENT OF HIGHWAY SIGNS, VARIOUS LOCATIONS, ISLAND OF HAWAII Project No. HWY-H-02-15M Scale: N.T.S. Date: May, 2015	
SHEET No. 2 OF 2 SHEETS	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
10/1/2015	TRACED BY	
10/1/2015	DESIGNED BY	
10/1/2015	QUANTITIES BY	
10/1/2015	CHECKED BY	

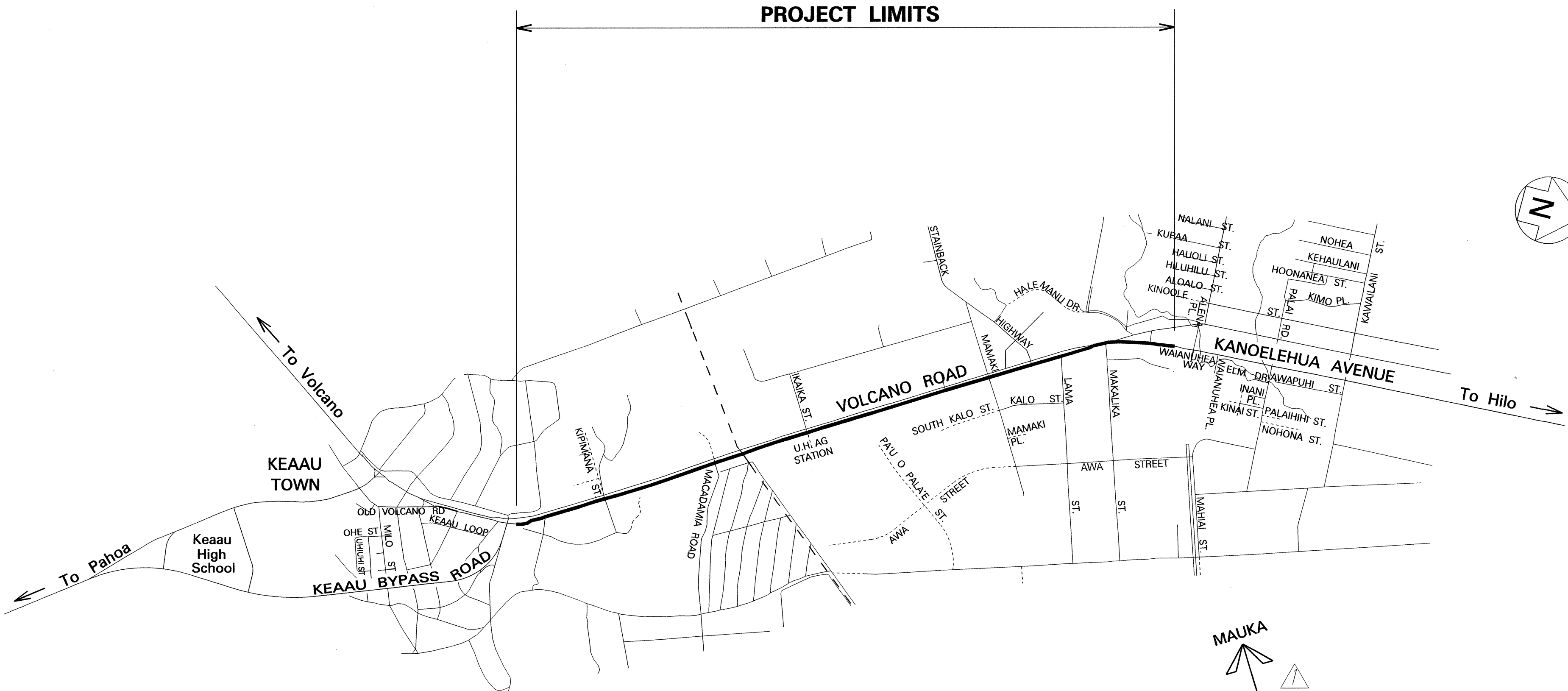
INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
9	LOCATION PLAN
10-19	SIGN LOCATION PLAN
20-22	SIGN SCHEDULE (OBL)
23-25	SIGN SCHEDULE (IBL)



FED. ROAD DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 9	113



ROUTE 11, KEA'AU TO HILO..... MILE POST 3.3 TO MILE POST 6.5



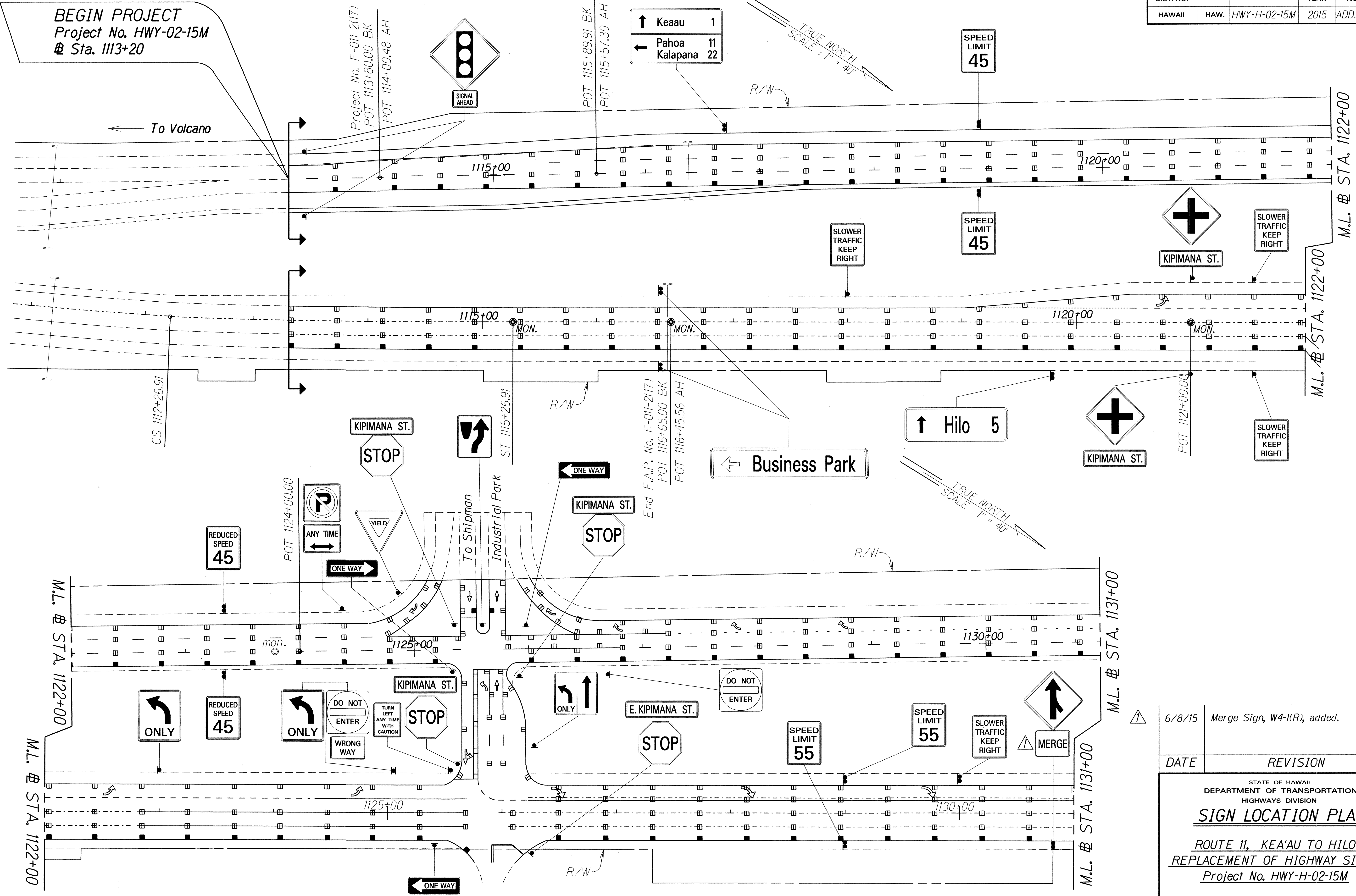
LOCATION PLAN

NOTE :
Inbound Lanes (IBL) refers to direction of traffic towards Hilo. Outbound Lanes (OBL) refers to direction of traffic away from Hilo, towards Kea'au.

6/8/15	Added Mauka-Makai reference directions. Added note for direction of Traffic.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOCATION PLAN ROUTE 11, KEA'AU TO HILO REPLACEMENT OF HIGHWAY SIGNS Project No. HWY-H-02-15M Scale: N.T.S. Date: May, 2015 SHEET No. 1 OF 1 SHEETS	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
1st/11/2015	TRACED BY	
N. Mischak	CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 10	113

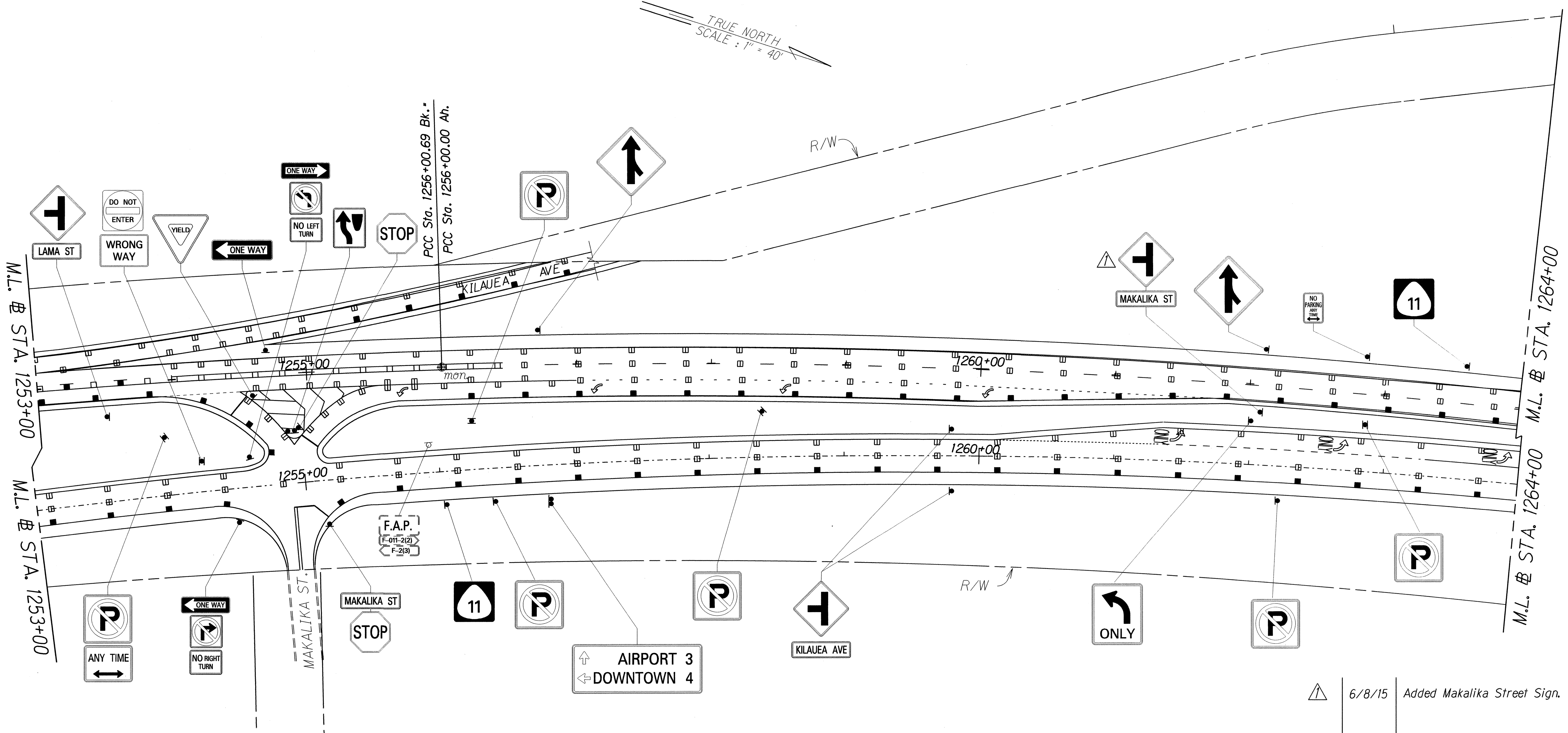


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		

6/8/15 Merge Sign, W4-1(R), added.

DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGN LOCATION PLAN	
ROUTE 11, KEA'AU TO HILO REPLACEMENT OF HIGHWAY SIGNS Project No. HWY-H-02-15M	
Scale: 1" = 40'	Date: May, 2015
SHEET No. 1 OF 10 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 17	113



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
hel/j/2015	TRACED BY	
gms/06/07	QUANTITIES BY	
N.	CHECKED BY	

6/8/15	Added Makalika Street Sign.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SIGN LOCATION PLAN ROUTE 11, KEA'AU TO HILO REPLACEMENT OF HIGHWAY SIGNS Project No. HWY-H-02-15M Scale: 1" = 40' Date: May, 2015 SHEET No. 8 OF 10 SHEETS	

ORIGINAL PLAN

SURVEY PLOTTED BY

DATE

2/10/14

TRACED BY

NOTE BOOK

hel/jk/2015

QUANTITIES BY

CHECKED BY

msb/sldg

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1113+25	●	●	6.43	W3-3		2	2				
1113+25	●	●	6.43	W3-3E		2		2			
1116+64	●		6.37	D-1 (↑ Keaau 1) (← Pahoa 11) (← Kalapana 22) (5.5' X 10.0')		1					55
1119+19	●	●	6.32	R2-1B (45)		2			2		
1123+45	●	●	6.24	R2-5 (45)		2	2				
1124+75	●		6.22	R1-2		1	1				
1125+43	●		6.20	R3-3		1	1				
1125+51		●	6.20	R6-1R		1	1				
1125+52	●		6.20	R1-1		1	1				
1125+52	●		6.20	SS-1 (KIPIMANA ST)		1		1			
1125+78	●		6.19	R4-7		1	1				
1126+04	●		6.19	R6-1L		1	1				
1125+95		●	6.19	R1-1		1	1				
1125+95		●	6.19	SS-1 (KIPIMANA ST)		1		1			
1126+49		●	6.18	R5-1		1	1				
1131+91	●	●	6.08	W2-1		2	2				
1131+91	●	●	6.08	S-1 (KIPIMANA ST)		2		2			
1136+25		●	5.98	M-1 (BUSINESS PARK) (2' X 9.5')		1			1		
1139+80	●	●	5.91	R2-1B (55)		2			2		
1143+13	●	●	5.85	R7-1		2	2				
1146+69	●		5.78	R4-3		1	1				
1153+45		●	5.65	R6-1R		1	1				
1153+57		●	5.65	R8-3A		1	1				
1153+57		●	5.65	R8-3AE		1		1			
1153+75	●		5.64	R1-1		1	1				
1153+75	●		5.64	SS-1 (MACADAMIA RD)		1		1			
1154+43	●		5.64	R6-1L		1	1				
1154+43	●		5.64	R3-1		1		1			
1154+43	●		5.64	R3-1E		1		1			
1154+45		●	5.64	R1-1		1	1				
1154+45		●	5.64	SS-1 (MACADAMIA RD)		1		1			
1154+52		●	5.64	R16-2		1	1				



SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1155+05		●	5.63	R5-1		1	1				
1155+05		●	5.63	R5-1A		1		1			
1156+13		●	5.61	R3-5L		1	1				
1159+77		●	5.54	R3-5L		1	1				
1160+80	●		5.52	R7-1		1	1				
1160+80		●	5.52	R8-3A		1	1				
1160+80		●	5.52	R8-3AE		1		1			
1162+00		●	5.49	M-2 (DISTRICT) (OF) (PUNA) (1.5' X 2')		1	1				
1165+31		●	5.43	M-3 (MACADAMIA) (← DRIVE) (2' X 4.5')		1		1			
1167+55	●	●	5.39	W2-1		2	2				
1167+55	●	●	5.39	S-1 (MACADAMIA ST)		2		2			
1168+65	●	●	5.37	R2-1B (55)		2			2		
1177+63		●	5.20	R6-1R		1	1				
1177+71	●		5.20	R1-1		1	1				
1177+71	●		5.20	SS-1 (IKAIKA ST)		1		1			
1178+18		●	5.19	R1-1		1	1				
1178+18		●	5.19	SS-1 (IKAIKA ST)		1		1			
1178+36	●		5.20	R6-1L		1	1				
1178+65		●	5.18	R5-1		1	1				
1179+58	●		5.16	M-4 (END MEASURED MILE) (2'x2')		1	1				
1182+92	●	●	5.10	W2-1		2	2				
1182+92	●	●	5.10	S-1 (IKAIKA ST)		2		2			
1186+00	●	●	5.04	R7-1		2	2				
1196+26	●	●	4.86	R2-1B (55)		2			2		

NOTE :

Refer to Location Plan for reference directions, Mauka and Makai.



6/8/15

This sheet replaces Sheet No. 20 in its entirety.

DATE

REVISION

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

SIGN SCHEDULE (OBL)

ROUTE 11, KEA'AU TO HILO

REPLACEMENT OF HIGHWAY SIGNS

Project No. HWY-H-02-15M

Scale: None

Date: May, 2015

SHEET No. 1 OF 6 SHEETS

ORIGINAL PLAN

SURVEY PLOTTED BY

DATE

2/10/14

TRACED BY

NOTED BY

QUANTITIES BY

CHECKED BY

hcl/n 2015

2/10/14

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1198+01	●	●	4.82	R7-1		2	2				
1212+22	●	●	4.56	R7-1		2	2				
1213+40	●		4.53	R1-1		1	1				
1213+46		●	4.53	R6-1R		1	1				
1213+90		●	4.53	R1-1		1	1				
1214+00	●		4.53	R6-1L		1	1				
1214+27		●	4.52	R5-1		1	1				
1219+00	●	●	4.43	W2-1		2	2				
1222+52	●	●	4.36	R2-1B (55)		2			2		
1224+27		●	4.33	R6-1R		1	1				
1224+36	●		4.33	R6-1L		1	1				
1224+36	●		4.33	R3-1		1		1			
1224+36	●		4.33	R3-1E		1		1			
1224+42	●		4.33	R8-3A		1	1				
1224+42	●		4.33	R8-3AE		1		1			
1224+58	●		4.32	R1-1		1	1				
1224+58	●		4.32	SS-1 (MAMAKI ST)		1		1			
1224+98		●	4.31	R1-1		1	1				
1224+98		●	4.31	SS-1 (MAMAKI ST)		1		1			
1225+14		●	4.31	R16-2		1	1				
1225+47		●	4.30	R5-1		1	1				
1225+47		●	4.30	R5-1A		1		1			
1226+35		●	4.29	R8-3A		1	1				
1226+35		●	4.29	R8-3AE		1		1			
1226+72		●	4.28	R3-5L		1	1				
1226+72	●		4.28	R7-1		1	1				
1228+75	●		4.25	M-5 (Panaewa Zoo) (Equestrian Ctr) (2' X 4.5')		1			1		
1229+00		●	4.25	R3-5L		1	1				
1230+40	●	●	4.22	W2-1		2	2				
1230+40	●	●	4.22	S-1 (MAMAKI ST)		2		2			
1231+08	●		4.20	M-6 (KULANI 19 →) (2.0' X 7.0')		1			1		
1232+43	●		4.17	M-7 (BEGIN MEASURED MILE) (2'x2')		1	1				
1234+90		●	4.12	R6-1R		1	1				



SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1235+30	●		4.12	R1-1		1	1				
1235+30	●		4.12	SS-1 (STAINBACK HWY)		1		1			
1235+74		●	4.11	R5-1		1	1				
1237+50	●		4.08	(SPEEDMETER TEST) M-8 (SECTION AHEAD) (2' X 1.5')		1	1				
1240+25	●		4.02	ADOPT-A-HIGHWAY (HAWAII COMM. CORR. CTR.)		2		1	1		
1240+53	●		4.02	W2-2R		1	1				
1242+84		●	3.98	R8-3A		1	1				
1242+84		●	3.98	R8-3AE		1		1			
1243+27	●		3.97	R6-1R		1	1				
1243+27	●		3.97	R3-2		1		1			
1243+27	●		3.97	R3-2A		1		1			
1243+50	●		3.96	R1-1		1	1				
1243+50	●		3.96	SS-1 (LAMA ST)		1		1			
1243+55		●	3.96	R16-2		1	1				
1244+20		●	3.96	R5-1		1	1				
1244+20		●	3.96	R5-1A		1		1			
1244+50	●		3.96	R2-4 (40)		1	1				
1244+98		●	3.93	R3-5L		1	1				
1246+18		●	3.91	R8-3A		1	1				
1246+18		●	3.91	R8-3AE		1		1			
1247+00		●	3.90	R3-5L		1	1				
1248+25		●	3.87	R7-1		2	1	1			
1249+20	●		3.86	W4-2R		1	1				
1250+20	●	●	3.84	R2-1B (55)		2			2		
1251+15	●		3.82	R16-1		1	1				

NOTE :

Refer to Location Plan for reference directions, Mauka and Makai.



6/8/15

This sheet replaces Sheet No. 21 in its entirety.

DATE

REVISION

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

SIGN SCHEDULE (OBL)

ROUTE 11, KEA'AU TO HILO

REPLACEMENT OF HIGHWAY SIGNS

Project No. HWY-H-02-15M

Scale: None

Date: May, 2015

SHEET No. 2 OF 6 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	2/10/14
NOTED BY	TRACED BY	
NOTED BY	QUANTITIES BY	
NOTED BY	CHECKED BY	

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1251+15	●		3.82	(CLICK-IT OR TICKET!) (12"x18")		1		1			
1251+50		●	3.81	R4-3		1	1				
1252+47		●	3.79	R8-3A		2	1	1			
1252+47		●	3.79	R8-3AE		2		2			
1253+19		●	3.78	W2-2R		1	1				
1253+19		●	3.78	S-1 (LAMA ST)		1		1			
1253+93		●	3.77	R8-3A		2	1	1			
1253+93		●	3.77	R8-3AE		2		2			
1254+60		●	3.76	R1-2		1	1				
1254+75	●		3.76	R6-1R		1	1				
1254+93		●	3.75	R4-8		1	1				
1254+98		●	3.75	R1-1		1	1				
1255+96	●		3.73	FAP F-011-2(2)/F-2(3)	1						
1256+30		●	3.72	R8-3A		2	1	1			
1256+75	●		3.71	W4-1R		1	1				
1262+00	●		3.61	W4-1R		1	1				
1262+00		●	3.61	W2-2L		1	1				
1262+00		●	3.61	S-1 (MAKALIKA ST)		1		1			
1262+93	●		3.59	R7-1		1	1				
1264+10		●	3.56	R3-5L		1	1				
1264+10		●	3.56	R5-1		1		1			
1264+10		●	3.56	R5-1A		1		1			
1265+29	●		3.55	R1-1		1	1				
1265+63		●	3.54	R4-7		1	1				
1265+63		●	3.54	R4-7C		1		1			
1265+70		●	3.54	R1-1		1	1				
1266+06	●		3.54	R1-2		1	1				
1268+97	●		3.48	R7-1		1	1				
1271+00	●		3.45	W2-2R		1	1				
1271+00	●		3.45	S-1 (KILAUEA ST)		1		1			
1274+56	●		3.37	R7-1		1	1				
1275+15	●	●	3.36	R2-1B (55)		2			2		
TOTALS					1	175	104	51	19		55

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 22	113

MILEPOST SCHEDULE				
STATION	MAUKA	MAKAI	MILE POST D10-4 (12"x24") MILE POST NO. (RTE. NO.)	INSTALL WITH POST
1135+68	●		6 (11)	1
1162+14	●		5.5 (11)	1
1188+60	●		5.0/8KM (11)	1
1214+83	●		4.5 (11)	1
1241+06	●		4 (11)	1
1267+38	●		3.5 (11)	1
TOTALS			3	6

ROUTE MARKER SCHEDULE				
STATION	MAUKA	MAKAI	ROUTE MARKER SIGN NO. (ROUTE #) w/ M2-1 OR M6 SIGNS	INSTALL TYPE A ASSEMBLY
1163+84	●		M1-6 (11)	1
1187+40	●		M1-6 (11)	1
1263+58	●		M1-6 (11)	1
TOTALS			3	3

NOTE :
Refer to Location Plan for reference directions, Mauka and Makai.

6/8/15

This sheet replaces Sheet No. 22 in its entirety.

DATE

REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN SCHEDULE (OBL)

ROUTE 11, KEA'AU TO HILO
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: None

Date: May, 2015

SHEET No. 3 OF 6 SHEETS

ADD. 22

SURVEY PLOTTED BY

DATE

2/10/14

ORIGINAL PLAN

TRACED BY

NOTED BY

QUANTITIES BY

CHECKED BY

he/ik/2015

2/10/14

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1116+55	●	●	6.37	M-9 (← BUSINESS PARK) (2' X 10')		2			2		
1118+00	●		6.34	R4-3		1	1				
1119+80		●	6.30	M-10 (↑ HILO 5) (2'-6" X 8')		1			1		
1121+00	●	●	6.29	W2-1		2	2				
1121+00	●	●	6.29	S-1 (KIPIMANA ST)		2		2			
1121+66	●	●	6.28	R4-3		2	2				
1123+16	●		6.25	R3-5L		1	1				
1125+12	●		6.21	R3-5L		1	1				
1125+12	●		6.21	R5-1		1		1			
1125+12	●		6.21	R5-1A		1		1			
1125+40		●	6.20	R6-1L		1	1				
1125+61	●		6.20	R16-2		1	1				
1125+77	●		6.20	R1-1		1	1				
1125+77	●		6.20	SS-1 (KIPIMANA ST)		1		1			
1126+28		●	6.20	R1-1		1	1				
1126+28		●	6.19	SS-1 (E KIPIMANA ST)		1		1			
1126+29	●		6.19	R3-4DL		1	1				
1129+02	●	●	6.14	R2-1B (55)		2			2		
1130+00	●		6.12	R4-3		1	1				
1130+84		●	6.10	W4-1R		1	1				
1131+00	●		6.08	R4-3		1	1				
1136+28		●	5.99	W4-2R		1	1				
1136+28		●	5.99	W4-1E		1		1			
1144+00	●	●	5.87	W2-1		2	2				
1144+00	●	●	5.87	S-1 (MACADAMIA DR)		2		2			
1147+18		●	5.81	W5-4A		1	1				
1148+80		●	5.78	W16-1		1	1				
1148+80		●	5.78	W11-1		1		1			
1149+50		●	5.76	R3-5R		1	1				
1152+00		●	5.74	R3-5R		1	1				
1153+93	●		5.68	R5-1		1	1				
1153+93	●		5.68	R5-1A		1		1			
1154+00		●	5.68	R1-2		1	1				



SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1154+00	●		5.68	R6-1R		1		1			
1154+00	●		5.68	R3-2		1	1				
1154+00	●		5.68	R3-2E		1		1			
1154+00	●		5.68	R8-3A		1	1				
1154+00	●		5.68	R8-3AE		1		1			
1154+05	●		5.68	R1-1		1	1				
1154+05	●		5.68	SS-1 (MACADAMIA DR)		1		1			
1154+05		●	5.68	R6-1L		1	1				
1154+05		●	5.68	R3-1		1		1			
1154+05		●	5.68	R3-1E		1		1			
1154+50		●	5.67	R1-1		1	1				
1154+50		●	5.67	SS-1 (MACADAMIA DR)		1		1			
1158+00	●	●	5.60	R2-1B (55)		2			2		
1159+44	●		5.58	R4-3		1	1				
1163+38		●	5.49	M-11 DISTRICT OF SOUTH HILO (1'-6" X 4')		1	1				
1173+00	●	●	5.31	W2-1		2	2				
1173+00	●	●	5.31	S-1 (IKAIKA ST)		2		2			
1177+50	●		5.23	R5-1		1					
1177+50	●		5.23	R5-1A		1		1			
1177+72		●	5.23	R6-1L		1	1				
1177+96	●		5.23	R6-1R		1	1				
1177+96	●		5.23	R3-2		1		1			
1177+96	●		5.23	R3-2E		1		1			
1178+00	●		5.23	R1-1		1	1				
1178+00	●		5.23	SS-1 (IKAIKA ST)		1		1			
1178+70		●	5.22	R1-1		1	1				

NOTE :

Refer to Location Plan for reference directions, Mauka and Makai.



6/8/15

This sheet replaces Sheet No. 23 in its entirety.

DATE

REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN SCHEDULE (IBL)

ROUTE 11, KEA'AU TO HILO
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: None
Date: May, 2015

SHEET No. 4 OF 6 SHEETS

ORIGINAL PLAN

SURVEY PLOTTED BY

DATE

2/10/14

TRACED BY

NOTED BY

QUANTITIES BY

CHECKED BY

hel/jm/2015

109155509

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1178+70		●	5.22	SS-1 (IKAIKA ST)		1		1			
1181+01	●	●	5.17	R2-1B (55)		2			2		
1183+00	●		5.14	R4-3		1	1				
1206+04	●		4.67	R4-3		1	1				
1208+95	●	●	4.62	W2-2R		2	2				
1213+42	●		4.53	R5-1		1	1				
1213+42	●		4.53	R5-1A		1		1			
1213+72	●		4.53	R1-1		1	1				
1213+82		●	4.52	R6-1L		1	1				
1213+82		●	4.52	R3-1		1		1			
1213+82		●	4.52	R3-1E		1		1			
1214+48	●	●	14.75	D-2 (← Stainback Hwy) (← Kulani 19) (3' X 11')		2			2		33
1216+45	●	●	4.47	R2-1B (55)		2			2		
1218+52	●	●	4.43	W2-1		2	2				
1218+52	●	●	4.43	S-1 (MAMAKI ST)		2		2			
1219+69	●		4.41	R3-5L		1	1				
1221+00		●	4.38	M-12 (← Panaewa Zoo) (← Equestrian Ctr) (2' x 5')		1			1		
1222+70	●		4.36	R3-5L		1	1				
1224+00	●		4.32	R5-1		1	1				
1224+00	●		4.32	R5-1A		1		1			
1224+58		●	4.32	R6-1L		1	1				
1224+58		●	4.32	R3-1		1		1			
1224+58		●	4.32	R3-1E		1		1			
1224+60	●		4.32	R16-1		1	1				
1224+65	●		4.32	R8-3A		1	1				
1224+65	●		4.32	R8-3AE		1		1			
1224+65	●		4.32	R6-1R		1	1				
1224+65	●		4.32	R3-2		1		1			
1224+65	●		4.32	R3-2E		1		1			
1224+75	●		4.32	R1-1		1	1				
1224+75	●		4.32	SS-1 (MAMAKI ST)		1		1			
1225+27		●	4.31	R1-1		1	1				
1225+27		●	4.31	SS-1 (MAMAKI ST)		1		1			



SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1225+42	●		4.30	R8-3A		1	1				
1225+42	●		4.30	R8-3AE		1		1			
1225+42	●		4.30	R8-3A		1	1				
1225+42	●		4.30	R8-3AE		1		1			
1228+00	●	●	4.26	R2-1B (55)		2			2		
1229+50	●		4.24	R4-3		1	1				
1238+49	●	●	4.06	W2-1		2	2				
1238+49	●	●	4.06	S-1 (LAMA ST)		2		2			
1241+95		●	3.99	ADOPT-A-HIGHWAY (YOUTH CHALLENGE)		2		1	1		
1242+25	●		3.97	R5-1		1	1				
1242+25	●		3.97	R5-1A		1		1			
1242+75		●	3.97	R6-1L		1	1				
1242+75		●	3.97	R3-1		1		1			
1242+75		●	3.97	R3-1E		1		1			
1243+19	●		3.97	R6-1R		1	1				
1243+19	●		3.97	R3-2		1		1			
1243+19	●		3.97	R3-2E		1		1			
1243+19	●		3.97	R8-3A		1	1				
1243+19	●		3.97	R8-3AE		1		1			
1243+22	●		3.97	R1-1		1	1				
1243+22	●		3.97	SS-1 (LAMA ST)		1		1			
1243+74		●	3.96	R1-1		1	1				
1243+74		●	3.96	SS-1 (LAMA ST)		1		1			
1244+50		●	3.95	R8-3A		1	1				
1246+00	●		3.91	R7-1		2	1	1			
1246+45	●	●	3.91	R2-5 (45)		2	2				

NOTE :

Refer to Location Plan for reference directions,
Mauka and Makai.



6/8/15

This sheet replaces Sheet No. 24
in its entirety.

DATE

REVISION

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

SIGN SCHEDULE (IBL)

ROUTE 11, KEA'AU TO HILO

REPLACEMENT OF HIGHWAY SIGNS

Project No. HWY-H-02-15M

Scale: None

Date: May, 2015

SHEET No. 5 OF 6 SHEETS

ORIGINAL PLAN

SURVEY PLOTTED BY

DRAWN BY

DATE

2/20/14

NOTE BOOK

TRACED BY

QUANTITIES BY

CHECKED BY

hel/jk/2015

hmsalscdg

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1247+99	●		3.88	R4-3		1	1				
1249+80	●		3.84	R7-1		1	1				
1250+00	●	●	3.84	W2-1		2	2				
1250+00	●	●	3.84	S-1 (MAKALIKA ST)		2		2			
1250+60	●		3.83	R16-1		1	1				
1250+60	●		3.83	(CLICK-IT OR TICKET!) (12"x18")		1	1				
1251+95	●	●	3.80	R2-1B (45)		2			2		
1252+00		●	3.80	R8-3A		1	1				
1254+33	●		3.76	R5-1		1	1				
1254+33	●		3.76	R5-1A		1		1			
1254+48		●	3.75	R6-1L		1	1				
1254+48		●	3.75	R3-1		1		1			
1254+48		●	3.75	R3-1E		1		1			
1254+50	●		3.75	R6-1R		1	1				
1254+50	●		3.75	R3-2		1		1			
1254+50	●		3.75	R3-2E		1		1			
1255+20		●	3.74	R1-1		1	1				
1255+20		●	3.74	SS-1 (MAKALIKA ST)		1		1			
1256+47		●	3.72	R8-3A		1	1				
1256+80		●	3.71	D-3 (↑ AIRPORT 3) (← DOWNTOWN 4) (4' X 9.5')		1					38
1258+42		●	3.68	R8-3A		2	1	1			
1259+70	●	●	3.65	W2-1		2	2				
1259+70	●	●	3.65	S-1 (KILAUEA AVE)		2		2			
1262+00	●		3.61	R3-5L		1	1				
1262+29		●	3.61	R8-3A		1	1				
1262+90	●		3.59	R8-3A		2	1	1			
1265+14	●		3.55	R1-2		1	1				
1265+39		●	3.55	R6-1L		1	1				
1265+39		●	3.55	R3-1		1		1			
1265+39		●	3.55	R3-1E		1		1			
1266+78		●	3.52	R8-3A		1	1				
1268+80	●		3.48	R8-3A		2	1	1			
1273+80		●	3.48	R8-3A		1	1				
1274+49	●		3.37	R8-3A		2	1	1			



SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
1276+20		●	3.34	(UNIVERSITY) M-13 (↑ OF) (HAWAII - HILO) (2' X 4')		1	1				
1276+20		●	3.34	(HAWAII COMMUNITY COLLEGE) (1'x4')		1		1			
1276+96	●	●	3.33	W2-1		2	2				
1276+96	●	●	3.33	S-1 (WAIANUHEA PL)		2		2			
TOTALS						189	97	71	19		71

MILEPOST SCHEDULE				
STATION	MAUKA	MAKAI	MILE POST D10-4 (12"x24") MILE POST NO. (RTE. NO.)	REMOVE INSTALL WITH POST
1135+85		●	6 (11)	1 1
1162+73		●	5.5 (11)	1 1
1188+50		●	5/8KM (11)	1 1
1214+75		●	4.5 (11)	1 1
1241+14		●	4 (11)	1 1
1275+50		●	3.5 (11)	1 1
TOTALS				6 6

ROUTE MARKER SCHEDULE				
STATION	MAUKA	MAKAI	ROUTE MARKER SIGN NO. (ROUTE #) w/ M2-1 OR M6 SIGNS	REMOVE INSTALL TYPE A ASSEMBLY
1187+94		●	M1-6 (11)	1 1
1256+10		●	M1-6 (11)	1 1
1266+78	●		M1-6 (11)	1 1
TOTALS				3 3

NOTE :

Refer to Location Plan for reference directions, Mauka and Makai.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 25	113

6/8/15 This sheet replaces Sheet No. 25 in its entirety.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGN SCHEDULE (IBL)
ROUTE 11, KEA'AU TO HILO
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

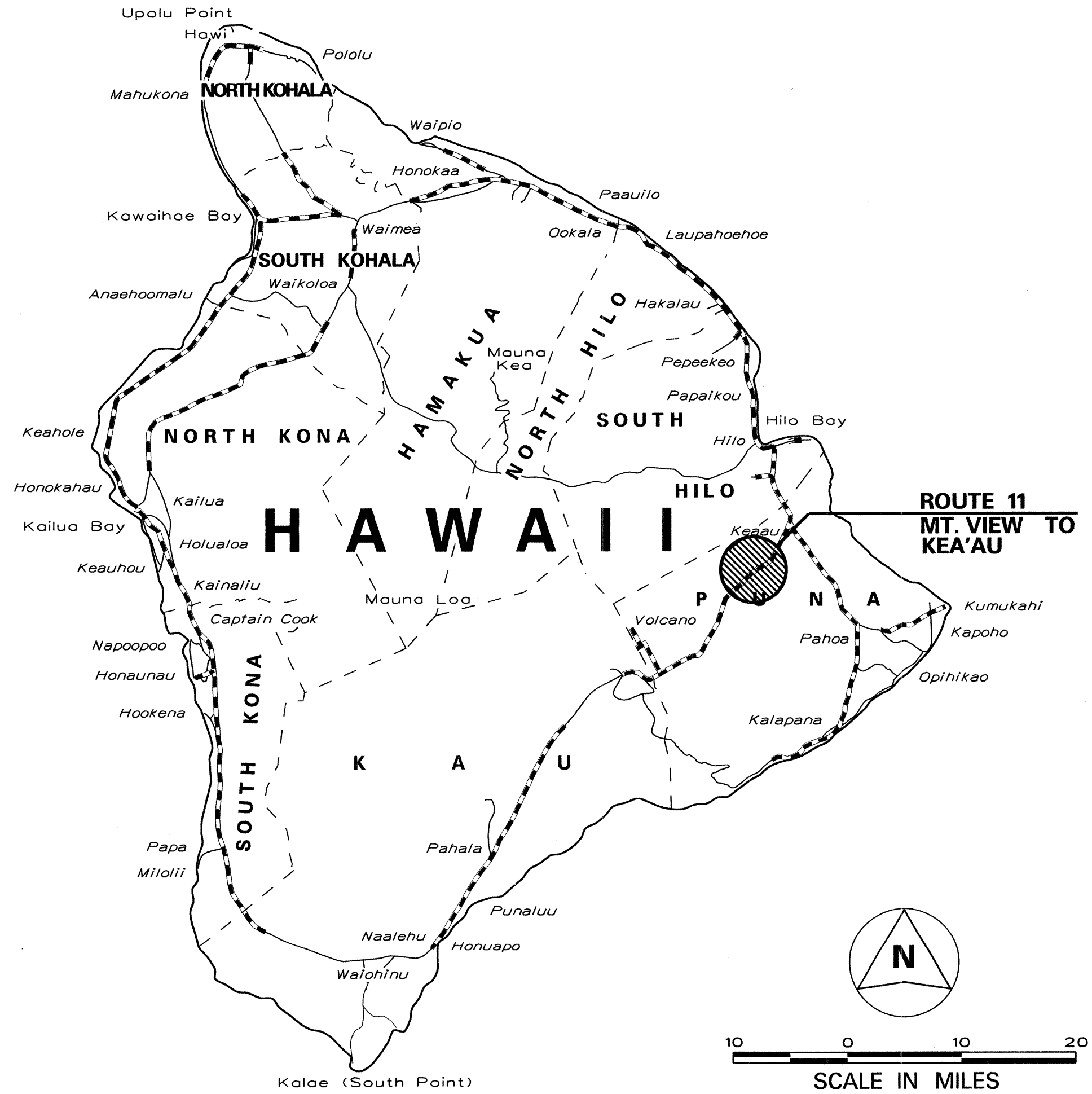
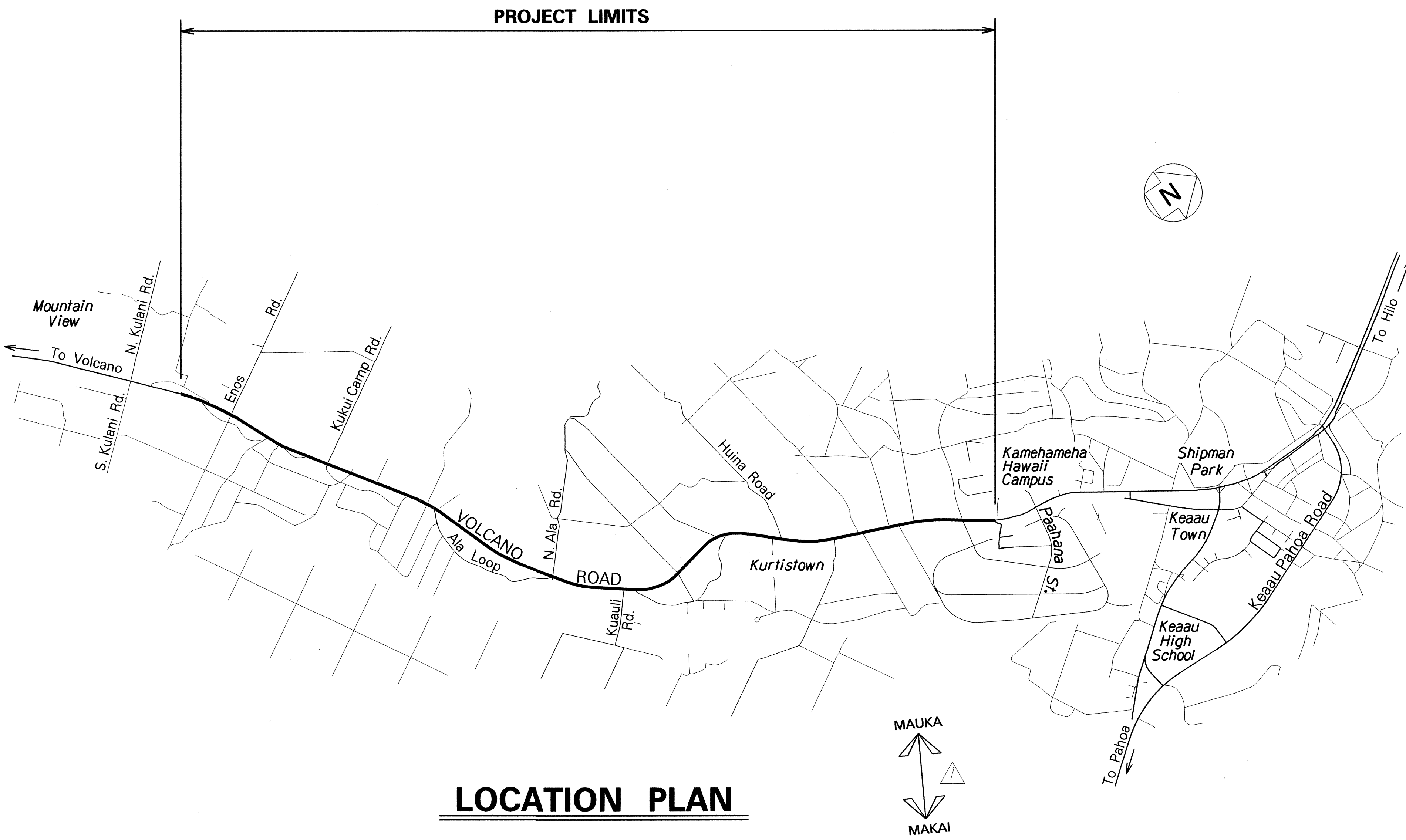
Scale: None Date: May, 2015

SHEET No. 6 OF 6 SHEETS

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
26	LOCATION PLAN
27-38	SIGN LOCATION PLAN
39-42	SIGN SCHEDULE



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 26	113

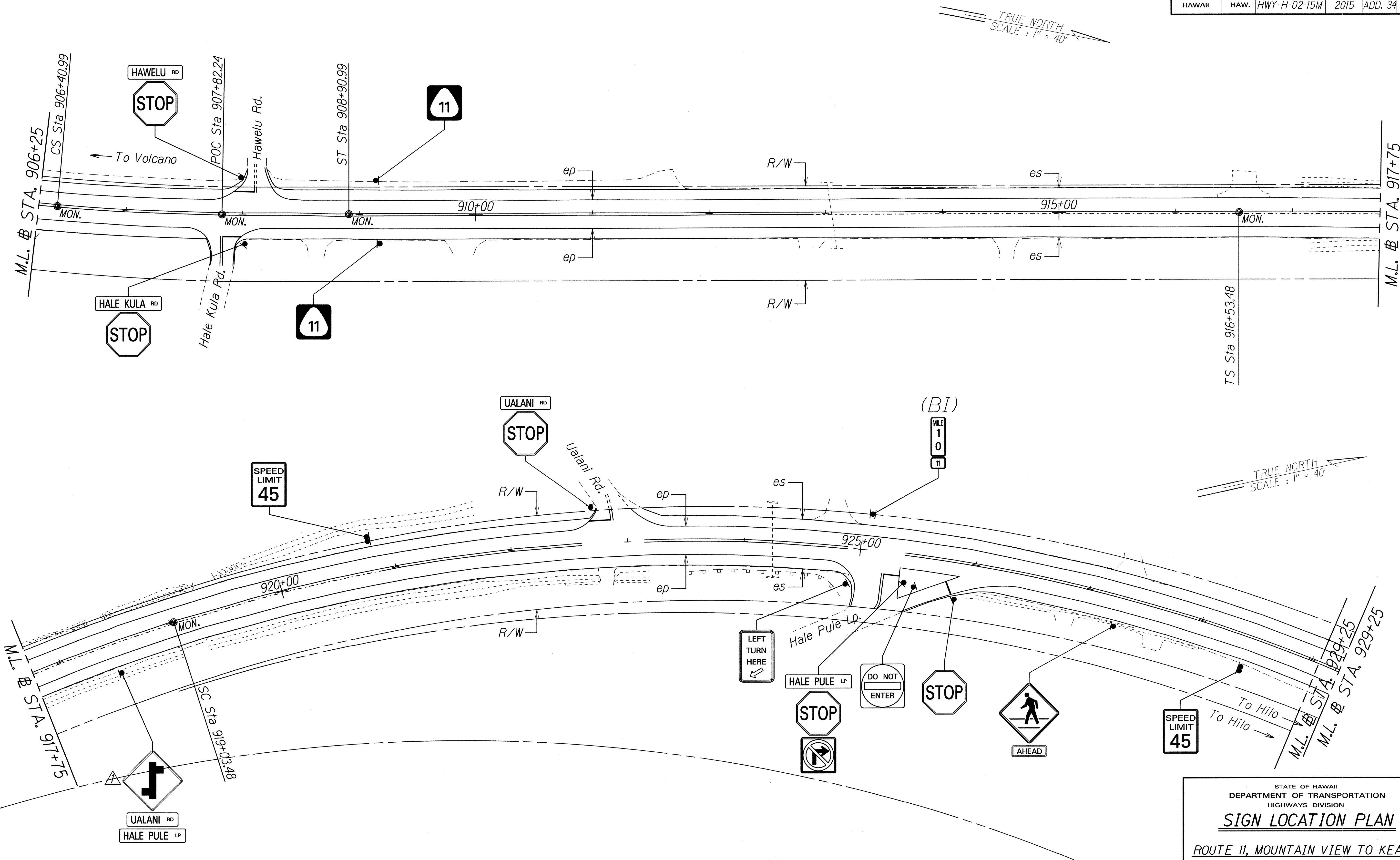


ROUTE 11, MT. VIEW TO KEA'AU..... MILE POST 8.6 TO MILE POST 13.4

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY	
NOTED	TRACED BY	
NOTED	CHECKED BY	
NOTED	QUANTITIES BY	
NOTED	CHECKED BY	

6/8/15	Added Mauka - Makai Reference Directions Arrow.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOCATION PLAN ROUTE 11, MOUNTAIN VIEW TO KEA'AU REPLACEMENT OF HIGHWAY SIGNS Project No. HWY-H-02-15M Scale: N.T.S. Date: May, 2015	
SHEET No. 1 OF 1 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 34	113



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

6/8/15 Added Ualani Road Sign.

DATE	REVISION
------	----------

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN LOCATION PLAN

ROUTE 11, MOUNTAIN VIEW TO KEA'AU
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: 1"=40' Date: May, 2015

SHEET No. 8 OF 12 SHEETS

ORIGINAL PLAN

DATE

SURVEY PLOTTED BY

DRAWN BY

TRACED BY

NOTED BY

CHECKED BY

NOTE BOOK

DATE

NO.

QUANTITIES BY

CHECKED BY

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
747+10		●	13.37	R2-4 (40)		1	1				
749+31	●		13.33	R2-5 (45)		1	1				
759+55	●		13.13	RI-1		1	1				
759+55	●		13.13	SS-1 (OLD VOLCANO RD)		1		1			
766+34		●	13.01	ADOPT-A-HIGHWAY (HILO COFFEE MILL)		2		1	1		
766+55	●		13.00	ADOPT-A-HIGHWAY (UHH PRE-PHARMACY CLUB)		2		1	1		
768+15	●		12.97	RI-1		1	1				
768+15	●		12.97	SS-1 (ENOS RD)		1		1			
776+35		●	12.82	R2-1B (55)		1			1		
780+63		●	12.74	W8-5		1	1				
780+63		●	12.48	W8-5A		1		1			
793+85	●		12.48	W8-5		1	1				
793+85	●		12.48	W8-5A		1		1			
793+99		●	12.48	W2-1		1	1				
793+99		●	12.48	S-1 (KUKUI CAMP RD)		1		1			
799+33	●		12.38	RI-1		1	1				
799+33	●		12.38	SS-1 (KUKUI CAMP RD)		1		1			
804+70	●		12.28	W2-1		1	1				
804+70	●		12.28	S-1 (KUKUI CAMP RD)		1		1			
809+35	●		12.19	R2-1B (55)		1			1		
810+27		●	12.17	R2-1B (55)		1			1		
810+73	●		12.16	RI-1		1	1				
810+73	●		12.16	SS-1 (AHUAHU PL)		1		1			
823+74	●	●	11.93	(ELEV 1000 FT/305 M) (2'x2')		2	2				
826+94		●	11.87	W2-2R		1	1				
826+94		●	11.87	S-1 (ALA LP)		1		1			
829+82	●		11.81	RI-1		1	1				
829+82	●		11.81	SS-1 (KAPALAI RD)		1		1			
832+57		●	11.77	RI-1		1	1				
832+57		●	11.77	SS-1 (ALA LP)		1		1			
833+00		●	11.76	RI-1		1	1				
837+57	●		11.67	W2-2L		1	1				
837+57	●		11.67	S-1 (ALA LP)		1		1			



SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
859+16	●		11.26	KUALONO PL		1					
859+19	●		11.26	RI-1		1	1				
859+19	●		11.26	SS-1 (KUALONO PL)				1			
864+85		●	11.16	R2-5 (45)		1	1				
866+15	●		11.13	R2-4 (40)		1	1				
866+36		●	11.13	W2-1		1	1				
866+36		●	11.13	S-1 (ALA LP)		1		1			
870+38	●	●	11.05	R2-1B (55)		2			2		
870+94	●		11.04	RI-1		1	1				
870+94	●		11.04	SS-1 (N ALA RD)		1		1			
871+00		●	11.04	RI-1		1	1				
871+00		●	11.04	SS-1 (ALA LP)		1		1			
872+89		●	11.00	ADOPT-A-HIGHWAY (HGEA UNIT 03)		2		1	1		
872+98	●		11.00	ADOPT-A-HIGHWAY (HILO COFFEE MILL)		2		1	1		
874+67		●	10.97	R2-4 (30)		1	1				
876+05	●		10.94	W2-1		1	1				
876+05	●		10.94	S-1 (ALA LP)		1		1			
887+55		●	10.73	W2-2B(RXR)		1	1				
887+55		●	10.73	S-1 (HALE PULE LP)		1		1			
887+55		●	10.73	S-1 (KUAULI RD)		1		1			
888+63	●		10.71	RI6-1		1	1				
888+63	●		10.71	(CLICK IT OR TICKET!) (12"x18")		1		1			
891+88		●	10.64	RI-1		1	1				
891+88		●	10.64	SS-1 (KUAULI RD)		1		1			
892+03	●		10.64	RI6-1		1	1				

NOTE :

Refer to Location Plan for reference directions, Mauka and Makai.



6/8/2015

This sheet replace sheet no. 39 in its entirety.

DATE

REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN SCHEDULE

ROUTE 11, MOUNTAIN VIEW TO KEA'AU
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: 1"=40' Date: May, 2015

SHEET No. 1 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 40	113

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE

STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
894+34		●	10.60	R16-1		1	1				
894+34		●	10.60	(CLICK IT OR TICKET!) (12"x18")		1		1			
894+60	●		10.59	R3-40L		1	1				
895+41		●	10.58	R1-1		1	1				
895+41		●	10.58	SS-1 (HALE PULE LP)		1		1			
901+89	●		10.46	W2-2B(LXL)		1	1				
901+89	●		10.46	S-1 (KUAULI RD)		1		1			
901+89	●		10.46	S-1 (HALE PULE LP)		1		1			
908+00	●		10.34	R1-1		1	1				
908+00	●		10.34	SS-1 (HAWELU RD)		1		1			
908+00		●	10.33	R1-1		1	1				
908+00		●	10.33	SS-1 (HALE KULA RD)		1		1			
918+44		●	10.14	W2-2B(LXR)		1	1				
918+44		●	10.14	S-1 (UALANI RD)		1		1			
918+44		●	10.14	S-1 (HALE PULE LP)		1		1			
920+80	●		10.10	R2-1B (45)		1			1		
922+69	●		10.06	R1-1		1	1				
922+69	●		10.06	SS-1 (UALANI RD)		1		1			
924+90		●	10.00	R10-13		1	1				
925+40		●	9.99	R1-1		1	1				
925+40		●	9.99	SS-1 (HALE PULE LP)		1		1			
925+40		●	9.99	R3-1		1		1			
925+50		●	9.99	R5-1		1	1				
925+86		●	9.99	R1-1		1	1				
927+27		●	9.96	W11A-2		1	1				
927+27		●	9.96	W16-9P		1		1			
928+44		●	9.94	R2-1B (45)		1			1		
929+52	●		9.91	W2-2B(LXR)		1	1				
929+52	●		9.91	S-1 (HALE PULE LP)		1		1			
929+52	●		9.91	S-1 (UALANI RD)		1		1			
932+24		●	9.86	W11-2		1	1				
932+24		●	9.86	W16-7P(L)		1		1			
932+52	●		9.86	W11-2		1	1				
932+52	●		9.86	W16-7P(L)		1		1			
935+91		●	9.79	W3-3		1	1				

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE

STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
935+91		●	9.79	W3-3E		1		1			
936+82	●		9.77	W11-2		1	1				
936+82	●		9.77	W16-9P		1		1			
938+05	●		9.75	R3-40L		1	1				
939+54	●	●	9.73	R8-3A		2	2				
939+54	●	●	9.73	R8-3AE		2		2			
940+29		●	9.71	R3-40L		1	1				
941+62	●		9.69	R3-26L		1	1				
942+35		●	9.67	R8-3A		1	1				
942+35		●	9.67	R8-3AE		1		1			
942+55	●		9.67	R8-3A		1	1				
942+55	●		9.67	R8-3AE		1		1			
943+27		●	9.66	R1-1		1	1				
943+49	●		9.65	R3-26L		1	1				
943+83		●	9.64	R8-3A		1	1				
943+83		●	9.64	R8-3AE		1		1			
944+50	●		9.63	R8-3A		1	1				
944+50	●		9.63	R8-3AE		1		1			
945+39		●	9.62	M-14 (KURTISTOWN) (2'X7')		1			1		
946+50	●		9.59	W3-3		1	1				
946+50	●		9.59	W3-3E		1		1			
946+88		●	9.59	R1-1		1	1				
947+05		●	9.58	R8-3A		1	1				
947+05		●	9.58	R8-3AE		1		1			
947+20	●		9.58	R8-3A		1	1				
947+20	●		9.58	R8-3AE		1		1			

NOTE :

*Refer to Location Plan for reference directions,
Mauka and Makai.*

	6/8/15	<i>This sheet replaces Sheet No. 40 in its entirety.</i>
	DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN SCHEDULE

ROUTE 11, MOUNTAIN VIEW TO KEA'AU
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: 1"=40' Date: May, 2015

SHEET No. 2 OF 4 SHEETS

ADD. 40

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY λ _____
1st/11/2005	TRACED BY _____
ghmbs252.dgn	DESIGNED BY _____
N ₆	QUANTITIES BY _____
	CHECKED BY _____

ORIGINAL PLAN

SURVEY PLOTTED BY

DATE

TRACED BY

DATE

NOTE BOOK

DATE

QUANTITIES BY

DATE

CHECKED BY

DATE

6/14/2015

6/14/2015

6/14/2015

6/14/2015

6/14/2015

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
947+52	●		9.58	R3-40L		1	1				
948+08	●		9.56	W11-2		1	1				
949+39	●		9.54	R3-40L		1	1				
949+85	●	●	9.53	R8-3A		2	2				
949+85	●	●	9.53	R8-3AE		2		2			
950+43		●	9.52	W2-2R		1	1				
950+43		●	9.52	S-1 (OLA'A RD)		1		1			
956+89		●	9.40	RI-1		1	1				
956+89		●	9.40	SS-1 (OLA'A RD)		1		1			
961+71	●	●	9.31	R8-3A		2	2				
961+71	●	●	9.31	R8-3AE		2		2			
962+77	●		9.29	W2-2L		1	1				
962+77	●		9.29	S-1 (OLA'A RD)		1		1			
964+25		●	9.25	RI-1		1	1				
964+74	●		9.25	RI-1		1	1				
964+74	●		9.25	SS-1 (SOUTH RD)		1		1			
967+53		●	9.20	W2-2L		1	1				
967+53		●	9.20	S-1 (KUA'AINA RD)		1		1			
969+04		●	9.16	W11A-2		1	1				
969+04		●	9.16	W16-7P(L)		1		1			
969+34	●		9.16	W11A-2		1	1				
969+34	●		9.16	W16-7P(L)		1		1			
970+96	●		9.13	R2-4 (30)		1	1				
971+55		●	9.12	R8-3A		1	1				
971+55		●	9.12	R8-3AE		1		1			
972+02	●		9.12	R8-3A		1	1				
972+02	●		9.12	R8-3AE		1		1			
972+28	●		9.11	RI-1		1	1				
972+28	●		9.11	SS-1 (KUA'AINA RD)		1		1			
976+07		●	9.03	R2-1B (45)		1			1		
976+22	●		9.03	R2-1B (45)		1			1		
976+89	●		9.02	W2-2R		1	1				
976+89	●		9.02	S-1 (KUA'AINA RD)		1		1			
977+99	●		9.01	RI-1		1	1				
979+02		●	8.99	W2-2R		1	1				



SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
979+02		●	8.99	S-1 (MEAULU ST)		1		1			
979+16	●		8.99	ADOPT-A-HIGHWAY (HGEA UNIT 03) (LITTER BUGS ME)		3		2	1		
979+40		●	8.98	ADOPT-A-HIGHWAY (THE HOME DEPOT HILO)		2		1	1		
979+44	●		8.98	R1-1		1	1				
980+90		●	8.95	R3-40R		1	1				
983+31		●	8.91	R3-40R		1	1				
984+37		●	8.89	R1-2		1	1				
985+06		●	8.87	R1-1		1	1				
985+06		●	8.87	SS-1 (VOLCANO RD)		1		1			
985+06		●	8.87	SS-1 (MEAULU ST)		1		1			
985+26	●		8.87	R3-40L		1	1				
990+63	●		8.77	R3-40L		1	1				
991+49	●		8.75	W2-2L		1	1				
991+49	●		8.75	S-1 (MEAULU ST)		1		1			
993+45	●		8.71	R1-1		1	1				
993+86		●	8.71	R1-1		1	1				
993+86		●	8.71	SS-1 (PUKO ST)		1	1				
993+92		●	8.71	R8-3A		1	1				
993+92		●	8.71	R8-3AE		1		1			
TOTALS						187	96	75	16		

NOTE :

Refer to Location Plan for reference directions, Mauka and Makai.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 41	113

6/8/15

This sheet replaces Sheet No. 41 in its entirety.

DATE

REVISION

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

SIGN SCHEDULE

ROUTE 11, MOUNTAIN VIEW TO KEA'AU

REPLACEMENT OF HIGHWAY SIGNS

Project No. HWY-H-02-15M

Scale: 1"=40'

Date: May, 2015

SHEET No. 3 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 42	113



MILEPOST SCHEDULE				
STATION	MAUKA	MAKAI	MILE POST D10-4 (12"x24") MILE POST NO. (RTE. NO.)	REMOVE INSTALL WITH POST (BI-DIRECTIONAL)
766+64	●		13/21KM (11)	1 1
793+46	●		12.5 (11)	 1
820+29	●		12 (11)	1 1
846+68	●		11.5 (11)	 1
873+07	●		11 (11)	1 1
899+07	●		10.5 (11)	 1
925+08	●		10 (11)	1 1
951+74	●		9.5 (11)	 1
978+40	●		9 (11)	1 1
TOTALS				5 9

ROUTE MARKER SCHEDULE				
STATION	MAUKA	MAKAI	ROUTE MARKER SIGN NO. (ROUTE #) w/ M2-1 OR M6 SIGNS	REMOVE INSTALL TYPE A ASSEMBLY
751+14	●	●	M1-6 (11)	2 2
831+35	●	●	M1-6 (11)	2 2
909+14	●	●	M1-6 (11)	2 2
989+84	●		M1-6 (11)	1 1
990+14		●	M1-6 (11)	1 1
TOTALS				8 8

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	
NOTED BY	TRACED BY	
NOTED BY	QUANTITIES BY	
NOTED BY	CHECKED BY	

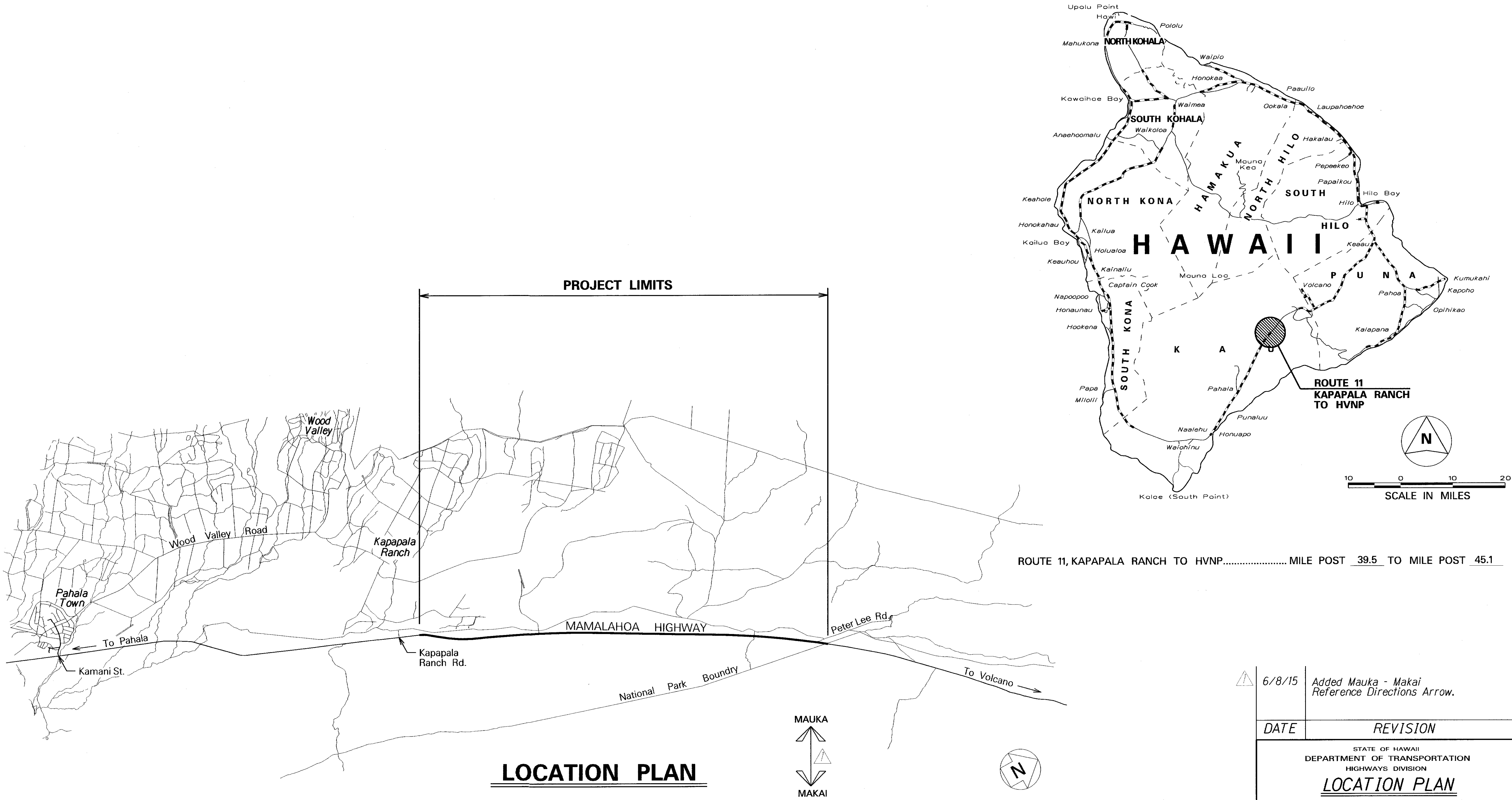
NOTE :
Refer to Location Plan for reference directions,
Mauka and Makai.

6/8/15	This sheet replaces Sheet No. 42 in its entirety.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SIGN SCHEDULE ROUTE 11, MOUNTAIN VIEW TO KEA'AU REPLACEMENT OF HIGHWAY SIGNS Project No. HWY-H-02-15M Scale: 1"=40' Date: May, 2015 SHEET No. 4 OF 4 SHEETS	

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
43	LOCATION PLAN
44-57	SIGN LOCATION PLAN
58	SIGN SCHEDULE



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	43	113



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	
NOTE BOOK	TRACED BY	
10/1/2015	CHECKED BY	
N.		

6/8/15	Added Mauka - Makai Reference Directions Arrow.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOCATION PLAN <u>ROUTE 11, KAPAPALA RANCH TO HVNP</u> <u>REPLACEMENT OF HIGHWAY SIGNS</u> <u>Project No. HWY-H-02-15M</u> Scale: N.T.S. Date: May, 2015	
SHEET No. 1 OF 1 SHEETS	

ORIGINAL
PLAN
DATE
SURVEY PLOTTED BY
DRAWN BY
NOTED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
0+07	●		45.62	FAP WER-1(1)/F-18(5)	1						
0+41		●	45.62	R4-2		1	1				
4+70	●	●	45.53	ELEV 2000 FT/610 M (2'x2')		2	2				
11+19	●		45.40	R4-1		1	1				
85+70	●		43.99	ADOPT-A-HIGHWAY (NO SPONSOR)		1			1		
85+91		●	43.99	ADOPT-A-HIGHWAY (NO SPONSOR)		1			1		
144+84		●	42.87	NENE SIGN (36"x36")		1	1				
144+84		●	42.87	NENE XING (36"x36")		1		1			
146+59	●		42.84	R2-4 (40)		1	1				
150+57	●	●	42.76	R2-1B (55)		2			2		
154+58		●	42.68	R2-4 (40)		1	1				
190+28		●	42.01	ADOPT-A-HIGHWAY (HVNP)		2		1	1		
191+02	●		41.99	ADOPT-A-HIGHWAY (NO SPONSOR)		1			1		
198+30	●	●	41.86	ELEV 2500 FT/762 M (2'x2')		2	2				
274+86		●	40.41	NENE SIGN (36"x36")		1	1				
290+10		●	40.12	NENE SIGN (36"x36")		1	1				
290+10		●	40.12	750 FEET (24"x18")		1		1			
298+09	●		39.97	ADOPT-A-HIGHWAY (HVNP)		2		1	1		
301+72		●	39.90	DANGER EXTREME FIRE HAZARD	1						
309+21	●	●	39.76	R16-1		2	2				
309+21	●	●	39.76	CLICK IT OR TICKET! (12"x18")		2		2			
311+76	●		39.71	NENE SIGN (36"x36")		1	1				
311+76	●		39.71	750 FEET (24"x18")		1		1			
314+09	●		39.66	FAP F-18(5)	1						
314+98	●		39.65	R2-1B (55)		1			1		
315+58		●	39.63	R2-1B (55)		1			1		
317+48		●	39.76	R16-1		1	1				
317+48		●	39.76	CLICK IT OR TICKET! (12"x18")		1		1			
322+57	●		39.50	KA'U HERITAGE CORRIDOR	1						
323+51		●	39.48	11H/11J (8"x12")		1	1				
323+98	●		39.46	R16-1		1	1				
323+98	●		39.46	CLICK IT OR TICKET! (12"x18")		1		1			
TOTALS					4	34	17	9	9		



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 58	113

MILEPOST SCHEDULE				
STATION	MAUKA	MAKAI	MILE POST D10-4 (12"x24") MILE POST NO. (RTE. NO.)	INSTALL WITH POST (BI-DIRECTIONAL)
32+94	●		45 (11)	1
59+25	●		44.5 (11)	1
85+56	●		44 (11)	1
111+91	●		43.5 (11)	1
138+25	●		43 (11)	1
164+48	●		42.5 (11)	1
190+70	●		42 (11)	1
217+13	●		41.5 (11)	1
243+56	●		41/66KM (11)	1
269+92	●		40.5 (11)	1
296+28	●		40 (11)	1
324+45	●		39.5 (11)	1
TOTALS			6	12

ROUTE MARKER SCHEDULE				
STATION	MAUKA	MAKAI	ROUTE MARKER SIGN NO. (ROUTE #) w/ M2-1 OR M6 SIGNS	INSTALL TYPE A ASSEMBLY
3+92	●	●	M1-6 (11)	2
86+84		●	M1-6 (11)	1
165+75	●	●	M1-6 (11)	2
245+18	●		M1-6 (11)	1
245+25		●	M1-6 (11)	1
320+45	●	●	M1-6 (11)	2
TOTALS			9	9

NOTE :

Refer to Location Plan for reference directions, Mauka and Makai.



6/8/15

This sheet replaces Sheet No. 58 in its entirety.

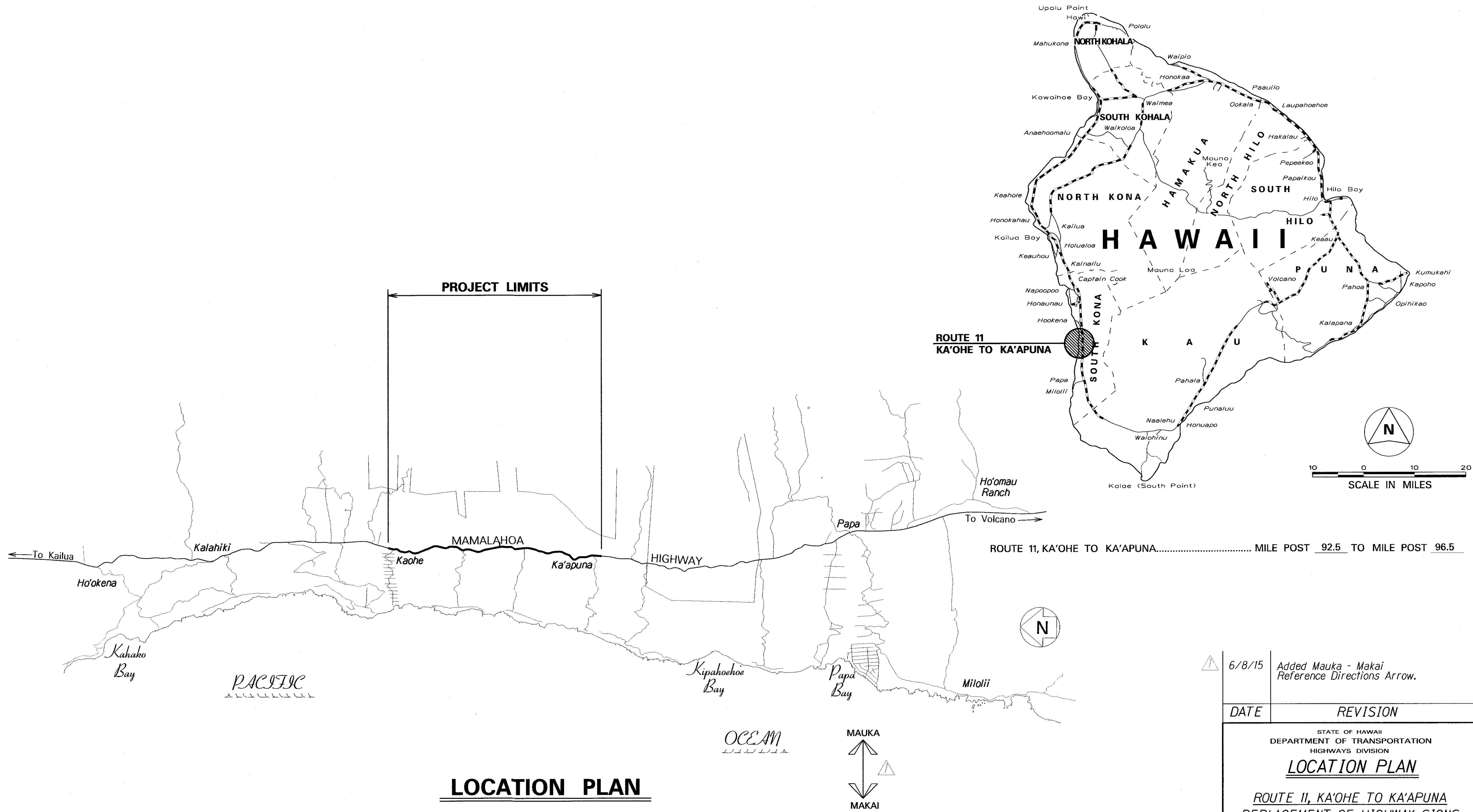
DATE

REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGN SCHEDULE
ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M
Scale: 1"=40'
Date: May, 2015
SHEET No. 1 OF 1 SHEETS

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
59	LOCATION PLAN
60-69	SIGN LOCATION PLAN
70-71	SIGN SCHEDULE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 59	113



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		

LOCATION PLAN

6/8/15	Added Mauka - Makai Reference Directions Arrow.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOCATION PLAN ROUTE 11, KA'OHE TO KA'APUNA REPLACEMENT OF HIGHWAY SIGNS Project No. HWY-H-02-15M	
Scale: N.T.S.	Date: May, 2015
SHEET No. 1 OF 1 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 70	113

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE

STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
740+50	●	●	96.53	R4-1		2	2				
742+41		●	96.50	SCHOOL BUS LOADING (24"x30")		1	1				
743+41		●	96.48	R1-1		1	1				
743+41		●	96.48	SS-1 (KAOHE RD)		1		1			
746+48	●		96.42	W1-8R		1	1				
746+65	●		96.42	W2-2L		1	1				
746+65	●		96.42	S-1 (KAOHE RD)		1		1			
746+85	●		96.41	W1-8R		2	1	1			
747+23	●		96.40	W1-8R		2	1	1			
752+85		●	96.29	R1-1		1	1				
752+85		●	96.29	(Private Road)	1						
756+17		●	96.22	R4-1		1	1				
756+42	●		96.22	R4-1		1	1				
763+06		●	96.10	W1-R		2	1	1			
763+41		●	96.09	W1-8R		2	1	1			
763+65		●	96.09	W1-8R		2	1	1			
764+10		●	96.08	W1-8R		2	1	1			
767+32	●		96.02	W1-5R		1	1				
770+33	●		95.94	R4-1		1	1				
773+78		●	95.88	R4-1		1	1				
774+85	●	●	95.85	R2-1B (35)		2			2		
776+00		●	95.83	W1-5R		1	1				
778+35	●		95.79	W1-8L		1	1				
779+08	●		95.77	W1-8L		1	1				
780+87	●		95.74	W1-8L		1	1				
784+55	●	●	95.67	R4-1		2	2				
805+79	●	●	95.27	R4-1		2	2				
820+67		●	94.99	ADOPT-A-HIGHWAY (KONA RAINFOREST COFFEE)		2		1	1		
820+95	●	●	94.99	R4-1		2	2				
822+84	●		94.96	ADOPT-A-HIGHWAY (NO SPONSOR)		1			1		
824+81	●		94.92	R1-1		1	1				
827+79	●		94.86	W1-5R		1	1				
829+45	●		94.83	R1-1		1	1				

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
829+85	●		94.82	W14-1		1	1				
829+85	●		94.82	(Private Road)	1						
830+25	●	●	94.82	R2-1B (35)		2			2		
833+80		●	94.75	W1-5R		1	1				
836+42		●	94.79	R4-1		1	1				
836+97	●		94.69	R1-1		1	1				
842+60		●	94.58	W1-8R		2	1	1			
843+25		●	94.57	W1-8R		2	1	1			
844+10		●	94.55	W1-8R		2	1	1			
845+55	●		94.53	R1-1		1	1				
846+55	●	●	94.50	R4-1		2	2				
848+40		●	94.47	W1-8R		2	1	1			
848+80		●	94.46	W1-8R		2	1	1			
849+40		●	94.45	W1-8R		2	1	1			
850+00		●	94.44	W1-8R		2	1	1			
852+69	●		94.39	W1-5R		1	1				
860+67		●	94.24	R1-1		1	1				
860+67		●	94.24	SS-1 (HUANU RD)		1		1			
864+59		●	94.16	R1-1		1	1				
864+59		●	94.16	SS-1 (AHE KOLO PL)		1		1			
865+16		●	94.15	W1-5R		1	1				
869+64	●		94.07	R1-1		1	1				
876+27		●	93.96	W1-8R		2	1	1			
876+73		●	93.94	W1-8R		2	1	1			
877+08		●	93.93	W1-8R		2	1	1			
884+61	●		93.82	R2-1B (35)		1			1		
885+22		●	93.81	R2-1B (35)		1			1		

NOTE :

Refer to Location Plan for reference directions,
Mauka and Makai.



6/8/15

This sheet replaces Sheet No. 70
in its entirety.

DATE

REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGN SCHEDULE

ROUTE 11, KAOHE TO KA'APUNA
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: 1"=40' Date: May, 2015

SHEET No. 1 OF 2 SHEETS

ORIGINAL PLAN
DESIGNED BY
CHECKED BY
DATE

SURVEY PLOTTED BY
DATE

NOTED BY
DATE

QUANTITIES BY
DATE

CHECKED BY
DATE

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
892+33	●	●	93.64	R4-1		2	2				
893+72	●		93.61	RI-1		1	1				
893+72	●		93.58	SS-1 (OHIA AINA PL)		1		1			
894+55	●		93.60	R4-1		1	1				
894+83		●	93.59	RI-2		1	1				
895+40		●	93.58	RI-1		1	1				
895+70		●	93.57	RI-2		1	1				
896+60		●	93.56	W1-2L		1	1				
898+57		●	93.52	W1-8L		2	1	1			
899+10		●	93.51	W1-8L		2	1	1			
899+60		●	93.50	W1-8L		2	1	1			
900+15		●	93.49	W1-8L		2	1	1			
900+60		●	93.48	W1-8L		2	1	1			
901+19		●	93.47	W1-8L		2	1	1			
901+71		●	93.46	W1-8L		2	1	1			
904+48	●		93.41	W1-8L		1	1				
904+85	●		93.40	W1-2R		1	1				
904+09	●		93.39	W1-8L		2	1	1			
904+98	●		93.38	RI-1		1	1				
904+98	●		93.38	SS-1 (OHIA MALU RD)		1		1			
905+30	●		93.37	W14-2	1						
905+30	●		93.37	(Journeys End Road)	1						
910+10		●	93.28	W2-2L		1	1				
912+49	●		93.24	W1-5R		1	1				
37+80	●		93.17	RI-1		1	1				
36+83	●		93.15	W5-1		1	1				
32+50	●		93.07	W2-2R		1	1				
27+42	●		92.98	R4-1		1	1				
27+33		●	92.97	W14-3		1	1				
4+00	●	●	92.53	R2-1B (35)		2			2		
TOTALS					4	120	79	31	10		



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 71	113

MILEPOST SCHEDULE				
STATION	MAUKA	MAKAI	MILE POST D10-4 (12"X24") MILE POST NO. (RTE. NO.)	INSTALL WITH POST (BI-DIRECTIONAL)
750+65	●		96.5 (11)	1
766+66	●		96 (11)	1
793+42	●		95.5 (11)	1
820+18	●		95 (11)	1
846+76	●		94.5 (11)	1
873+34	●		94 (11)	1
899+36	●		93.5 (11)	1
28+71	●		93 (11)	1
2+38	●		92.5 (11)	1
TOTALS			4	9

ROUTE MARKER SCHEDULE				
STATION	MAUKA	MAKAI	ROUTE MARKER SIGN NO. (ROUTE #) w/ M2-1 OR M6 SIGNS	INSTALL TYPE A ASSEMBLY
749+76		●	M1-6 (11)	1
750+85	●		M1-6 (11)	1
831+85	●	●	M1-6 (11)	2
909+00	●	●	M1-6 (11)	2
TOTALS			6	6

NOTE :
Refer to Location Plan for reference directions, Mauka and Makai.



6/8/15
This sheet replaces Sheet No. 71 in its entirety.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGN SCHEDULE

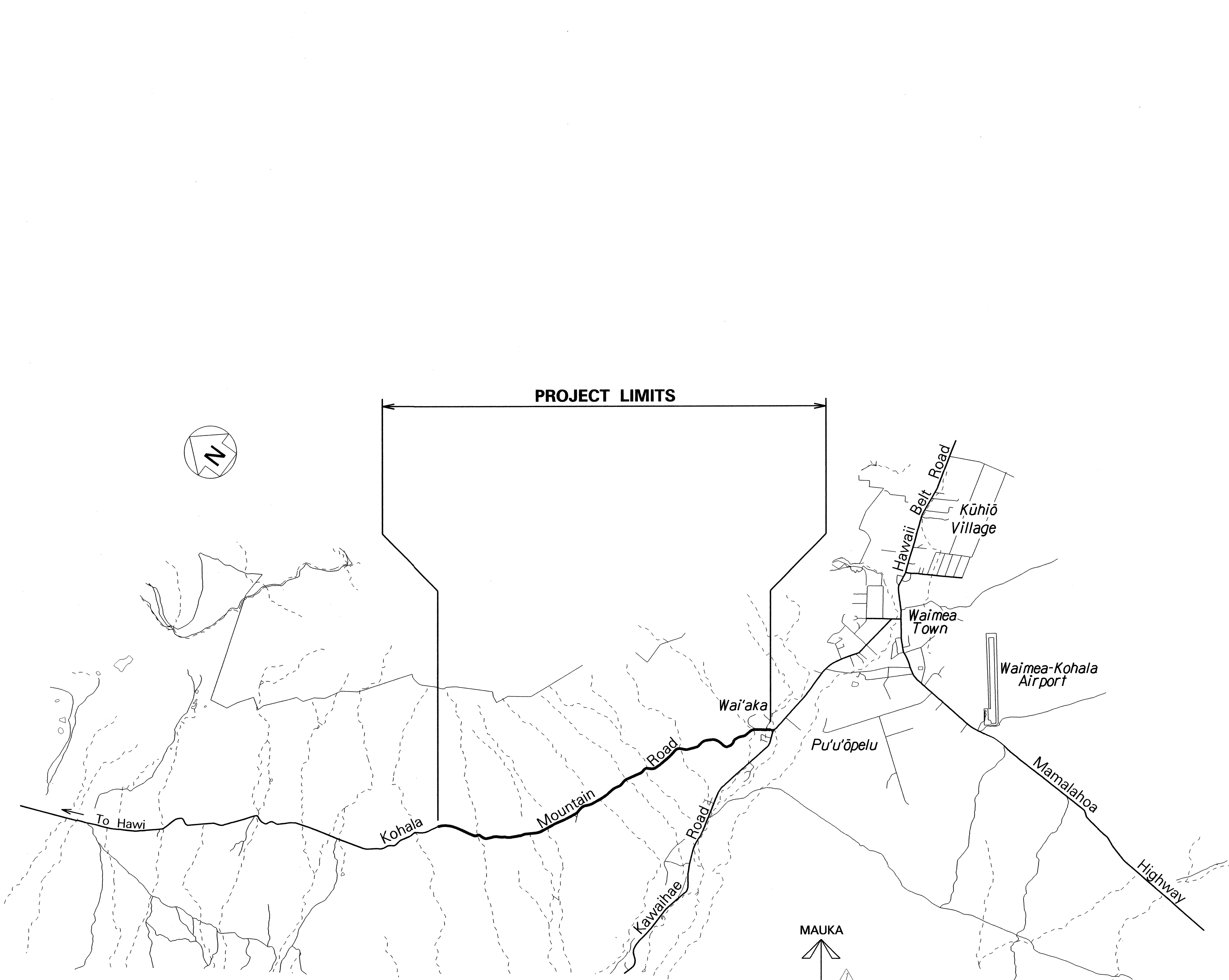
ROUTE 11, KAOHE TO KA'APUNA
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: 1"=40' Date: May, 2015
SHEET No. 2 OF 2 SHEETS

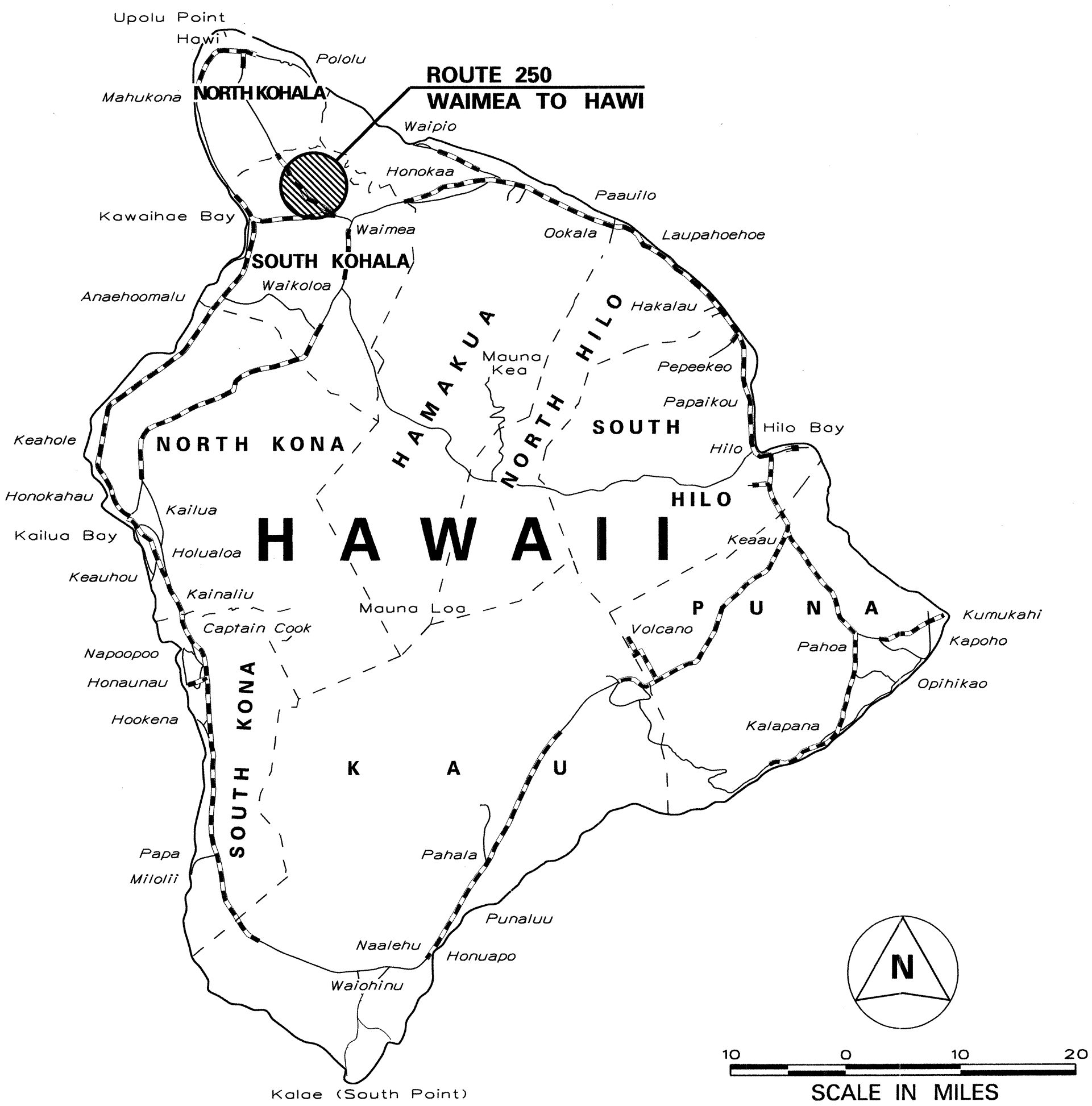
INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
72	LOCATION PLAN
73-81	SIGN LOCATION PLAN
82-83	SIGN SCHEDULE



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 72	113



LOCATION PLAN



ROUTE 250, WAIMEA TO HAWI MILE POST 2.6 TO MILE POST 6.5

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
Field Notes	TRACED BY	
Checked by	QUANTITIES BY	
Checked by	Checked by	

6/8/15	Added Mauka - Makai Reference Directions Arrow.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOCATION PLAN ROUTE II, WAIMEA TO HAWI REPLACEMENT OF HIGHWAY SIGNS Project No. HWY-H-02-15M Scale: N.T.S. Date: May, 2015	
SHEET No. 1 OF 1 SHEETS	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	
NOTE BOOK	TRACED BY	
QUANTITIES BY	CHECKED BY	
6/8/2015		
0106050001		

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
570+00	●	●	6.44	FAP	1						
572+42	●		6.39	WI-1R		1	1				
593+06		●	6.00	R2-1B (35)		1			1		
596+12	●		5.99	R2-1B (35)		1			1		
646+26		●	4.99	ADOPT-A-HIGHWAY (HAWAII PREP ACADEMY)		2		1	1		
646+39	●		4.99	ADOPT-A-HIGHWAY (NO SPONSOR)		1			1		
660+35	●	●	4.73	ELEV 3000 FT/914 M (2'x2')		2	2				
697+80	●	●	4.02	R2-1B (35)		2			2		
754+01		●	2.95	R2-1B (25)		1			1		
761+00		●	2.82	RI-1		1		1			
761+45		●	2.81	SI-1		1	1				
761+45		●	2.81	S4-3		1		1			
762+35		●	2.79	R2-1B (25)		1			1		
762+40	●		2.95	R2-1B (35)		1			1		
764+33	●		2.75	WI-5R		1	1				
764+40	●		2.75	W8-5		1	1				
764+45		●	2.75	W2-5		1	1				
764+88	●		2.74	ADOPT-A-HIGHWAY (HAWAII PREP ACADEMY)		2		1	1		
765+16	●		2.74	RI-1		1	1				
766+10	●		2.72	R8-3		1	1				
766+94		●	2.70	RI-1		1	1				
768+58	●		2.67	W5-1		1	1				
769+36	●		2.66	R8-3		1	1				
769+68	●		2.65	RI6-1		1	1				
770+33	●		2.64	RI5-1		1	1				
771+85		●	2.61	(↑ Waimea 2) D-2 (Kawaihae 10 →) (9' X 4.5')		1					40.5
771+97	●		2.61	R8-3		1	1				
772+47	●		2.60	RI-1		1	1				
773+00		●	2.59	W3-1A		2	2	1			
774+06		●	2.57	W5-2A		1	1				
774+06		●	2.57	WI3-1 (25)		1		1			
774+45		●	2.56	WI1-2		1	1				
774+45		●	2.56	WI6-9P		1		1			



SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
774+80	●		2.53	Misc. Section	1						
774+97	●		2.54	S2-1		1	1				
774+97	●		2.54	W16-9P		1		1			
775+29	●		2.53	R8-3		1	1				
775+95		●	2.70	R1-1		1	1				
775+96		●	2.70	R1-1		1	1				
776+56	●		2.70	Misc. Footbridge	1						
776+50		●	2.70	R1-1		1	1				
TOTALS					3	43	25	8	10		40.5



6/8/15 This sheet replaces Sheet No. 82 in its entirety.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGN SCHEDULE

ROUTE 11, WAIMEA TO HAWAII
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: 1" = 40' Date: May, 2015
SHEET NO. 1 OF 2 SHEETS

NOTE :
Refer to Location Plan for reference directions, Mauka and Makai.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 83	113

MILEPOST SCHEDULE					
STATION	MAUKA	MAKAI	MILE POST D10-4 (12"X24") MILE POST NO. (RTE. NO.)	REMOVE	INSTALL WITH POST (BI-DIRECTIONAL)
593+34	●		6 (250)	1	1
619+58	●		5.5 (250)	1	1
645+70	●		5/8KM (250)	1	1
672+38	●		4.5 (250)	1	1
698+95	●		4 (250)	1	1
725+12	●		3.5 (250)		1
751+30	●		3 (250)	1	1
776+36	●		2.57 (250)	1	1
TOTALS				7	8

ROUTE MARKER SCHEDULE					
STATION	MAUKA	MAKAI	ROUTE MARKER SIGN NO. (ROUTE #) w/ M2-1 OR M6 SIGNS	REMOVE	INSTALL TYPE A ASSEMBLY
693+30	●		M1-6 (250)	1	1
694+66		●	M1-6 (250)	1	1
773+51		●	M1-6 (19)	1	1
773+51		●	M2-1	1	1
774+67	●		M1-6 (250)	1	1
775+06		●	M1-6 (19)	1	1
775+06		●	M6-6	1	1
775+06		●	M2-1	1	1
TOTALS				8	8

NOTE :
Refer to Location Plan for reference directions,
Mauka and Makai.

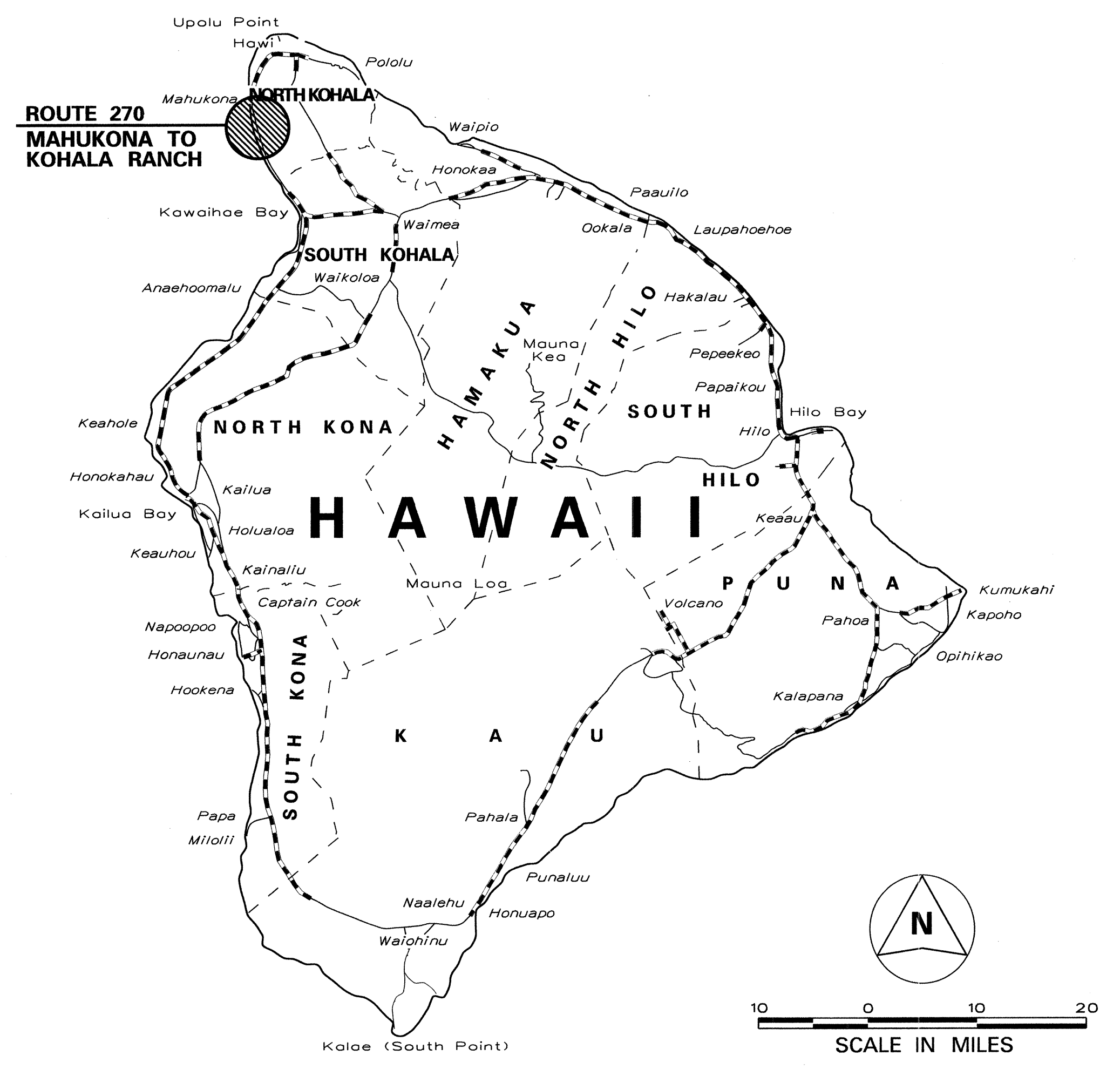
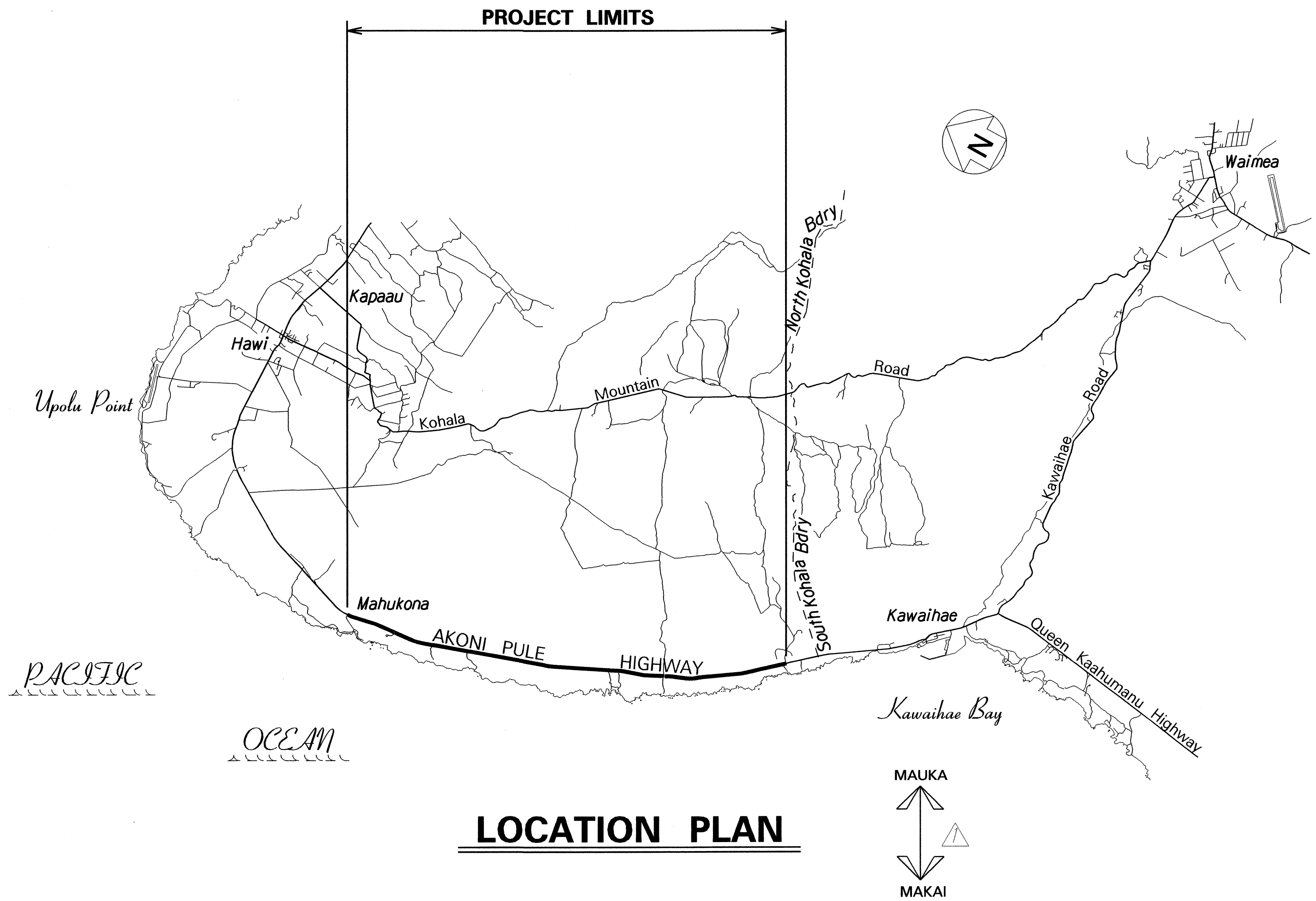
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
	NOTED BY	
	CHECKED BY	
NOTE BOOK	DATE	
	BY	
	DATE	
	BY	
	CHECKED BY	

6/8/15	This sheet replaces Sheet No. 83 in its entirety.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SIGN SCHEDULE ROUTE 11, WAIMEA TO HAWI REPLACEMENT OF HIGHWAY SIGNS Project No. HWY-H-02-15M Scale: 1" = 40' Date: May, 2015 SHEET No. 2 OF 2 SHEETS	

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
84	LOCATION PLAN
85-102	SIGN LOCATION PLAN
103	SIGN SCHEDULE



DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 84	113



ROUTE 270, MAHUKONA TO KOHALA RANCH..... MILE POST 6.9 TO MILE POST 14.9

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
TRACED BY		
QUANTITIES BY		
CHECKED BY		

6/8/15	Added Mauka - Makai Reference Directions Arrow.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOCATION PLAN ROUTE 270, MAHUKONA TO KOHALA RANCH REPLACEMENT OF HIGHWAY SIGNS Project No. HWY-H-02-15M Scale: N.T.S. Date: May, 2015	
SHEET No. 1 OF 1 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 103	113

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE

STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
22+75		●	14.84	R1-1		1	1				
22+75		●	14.84	SS-1 (MAHUKONA PARK RD)		1		1			
25+01		●	14.80	R2-1B (55)		1			1		
25+43		●	14.79	R4-2		1	1				
27+48	●		14.75	(↑ HAWI 7) D-3 (← MAHUKONA) (8' X 4')		1			1		32
29+25		●	14.71	Shoreline Public Access	1						
38+65		●	14.54	R4-1		1	1				
65+27		●	14.03	R8-3		1	1				
69+55	●		13.96	LAPAKAHI STATE HISTORICAL PARK	1						
69+72		●	13.93	R1-1		1	1				
120+59		●	12.96	ADOPT-A-HIGHWAY (KOHALA LIONS CLUB)		2		1	1		
172+06	●		11.99	ADOPT-A-HIGHWAY (KOHALA LIONS CLUB)		2		1	1		
172+06		●	11.99	ADOPT-A-HIGHWAY (MAHUKONA RANCH)		2		1	1		
182+01		●	11.80	W2-2L		1	1				
185+42		●	11.74	W2-2L		1	1				
187+00		●	11.71	Shoreline Public Access	1						
189+88	●		11.65	R1-1		1	1				
189+88	●		11.65	SS-1 (KAIHOLENA PL)		1		1			
193+61	●		11.58	Shoreline Public Access	1						
196+45	●		11.53	W2-2R		1	1				
200+64	●		11.45	W2-2R		1	1				
237+35	●	●	10.75	R7-1		2	1	1			
257+28	●	●	10.38	R7-1		2	1	1			
275+00	●	●	10.04	R7-1		2	1	1			
276+50	●	●	10.01	ADOPT-A-HIGHWAY (MAHUKONA RANCH)		2		1	1		
292+86	●	●	9.70	R7-1		2	2				
297+47	●		9.61	R16-1A		1	1				
307+20	●	●	9.43	R8-3		2	2				
312+20	●		9.33	R4-1		1	1				
330+92	●		8.98	Smokey The Bear	1						
337+39	●		8.85	R2-1B (55)		1			1		
379+62	●		8.05	ADOPT-A-HIGHWAY (NO SPONSOR)		1			1		

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
382+00		●	8.01	ADOPT-A-HIGHWAY (NO SPONSOR)		1			1		
394+57	●		7.77	W1-4R		1	1				
394+57	●		7.77	W5-1		1		1			
TOTALS					5	39	20	10	9		32

MILEPOST SCHEDULE

STATION	MAUKA	MAKAI	MILE POST D10-4 (12"X24") MILE POST NO. (RTE. NO.)	REMOVE	INSTALL WITH POST (BI-DIRECTIONAL)
41+75	●		14.5 (270)		1
67+00	●		14 (270)	1	1
92+87	●		13.5 (270)		1
118+75	●		13 (270)	1	1
145+12	●		12.5 (270)		1
171+50	●		12 (270)	1	1
197+87	●		11.5 (270)		1
224+25	●		11 (270)	1	1
250+67	●		10.5 (270)		1
277+10	●		10 (270)	1	1
303+42	●		9.5 (270)		1
329+75	●		9 (270)	1	1
356+12	●		8.5 (270)		1
382+50	●		8 (270)	1	1
408+80	●		7.5 (270)		1
435+10	●		7 (270)	1	1
TOTALS				8	16

NOTE :
Refer to Location Plan for reference directions,
Mauka and Makai.

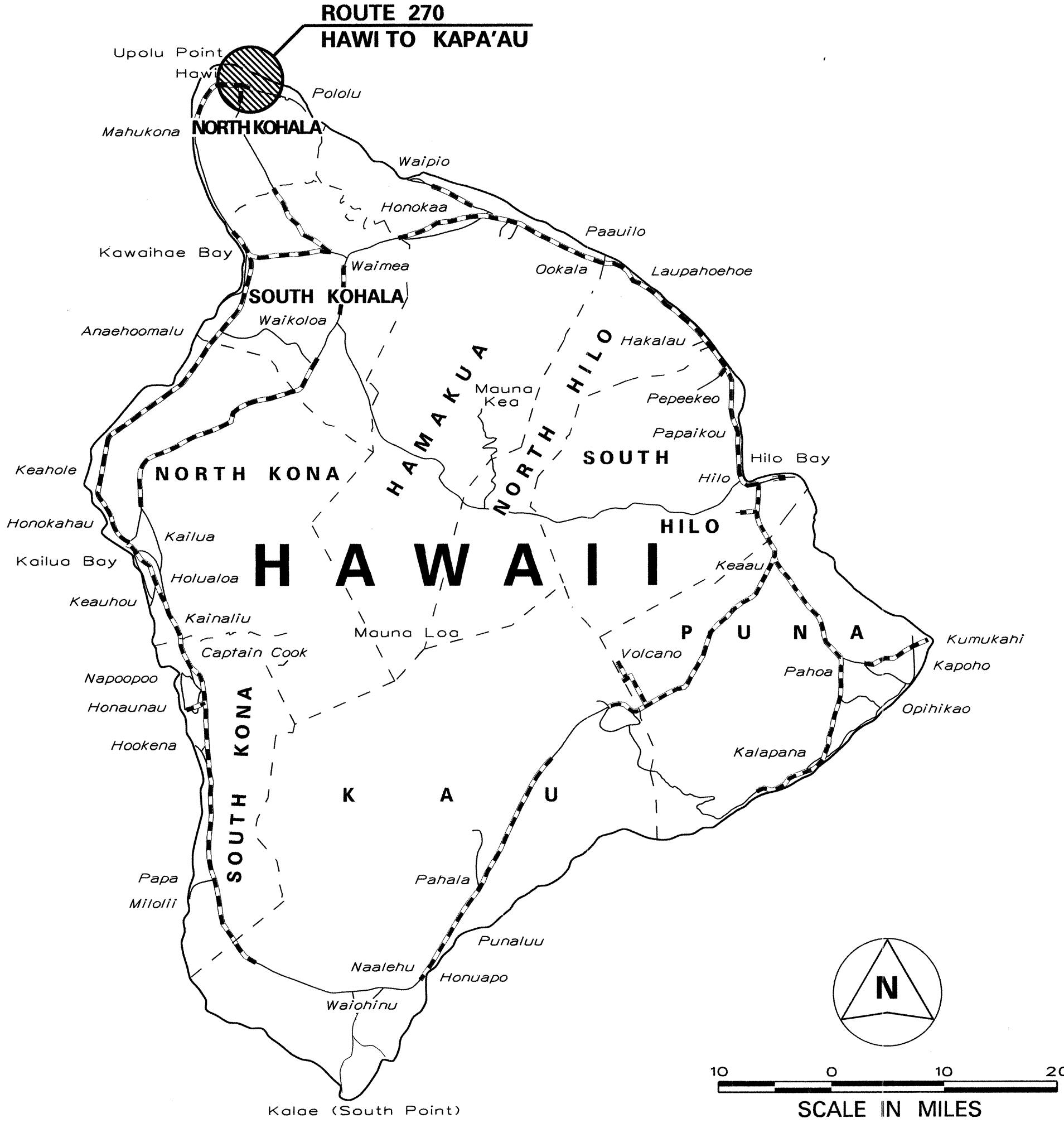
ROUTE MARKER SCHEDULE					
STATION	MAUKA	MAKAI	ROUTE MARKER SIGN NO. (ROUTE #) w/ M2-1 OR M6 SIGNS	REMOVE	INSTALL TYPE A ASSEMBLY
431+50	●	●	M1-6 (270)		2
72+00	●	●	M1-6 (270)		2
TOTALS					4

 6/8/15	This sheet replaces Sheet No. 103 in its entirety.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>SIGN SCHEDULE</u> <u>ROUTE 270, MAHUKONA TO KOHALA RANCH</u> <u>REPLACEMENT OF HIGHWAY SIGNS</u> <u>Project No. HWY-H-02-15M</u> Scale: None Date: May, 2015	
SHEET No. 1 OF 1 SHEETS	

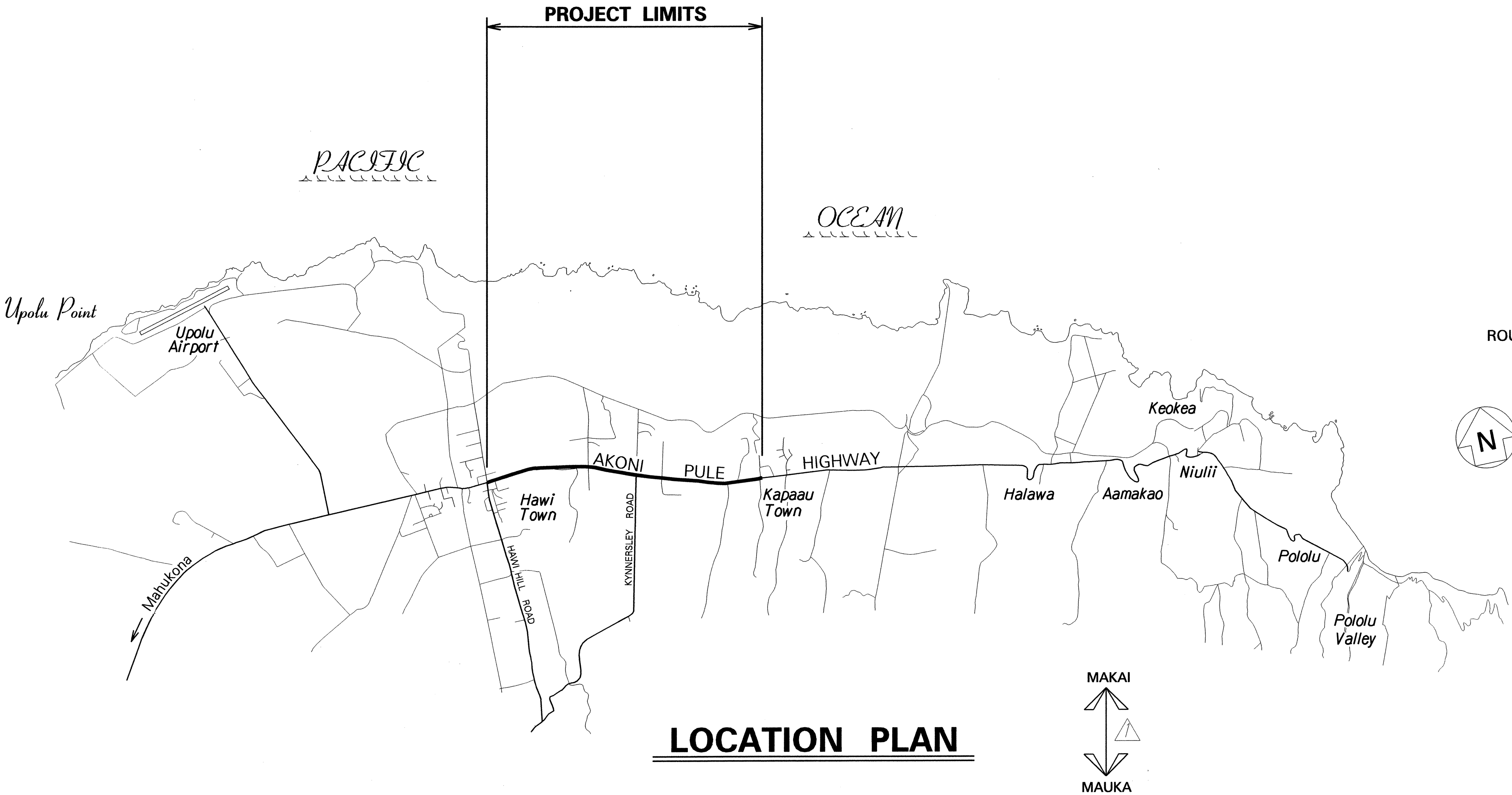
ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY λ _____	λ _____
1st/1st/2005	TRACED BY _____	_____
ghms65d.jpg	DESIGNED BY _____	_____
ghms65d.jpg	QUANTITIES BY _____	_____
N _o	CHECKED BY _____	_____

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
104	LOCATION PLAN
105-110	SIGN LOCATION PLAN
111-113	SIGN SCHEDULE

FED. ROAD DIST. NO.	STATE	PROJECT	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 104	113



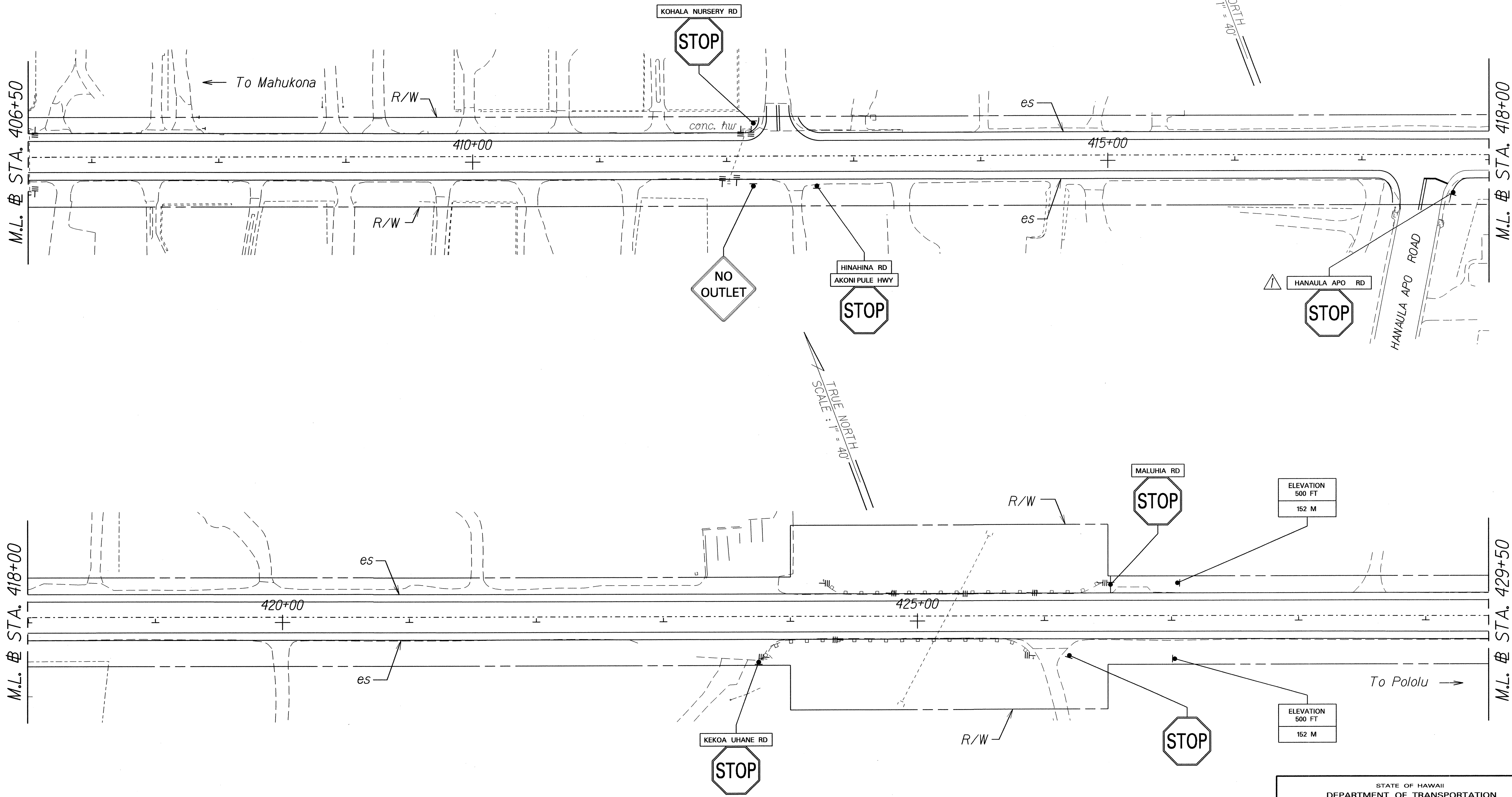
ROUTE 270, HAWI TO KAPA'AU.....MILE POST 21.2 TO MILE POST 23.5



LOCATION PLAN

6/8/15	Added Mauka - Makai Reference Directions Arrow.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOCATION PLAN ROUTE 270, HAWI TO KAPA'AU REPLACEMENT OF HIGHWAY SIGNS Project No. HWY-H-02-15M Scale: N.T.S. Date: May, 2015	
SHEET No. 1 OF 1 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJECT	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 108	113



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY	DRAWN BY	
NOTE BOOK	CHECKED BY	
6/8/15	QUANTITIES BY	
6/8/15	CHECKED BY	

△	6/8/15	Added Hanaula Apo Road Sign.
DATE	REVISION	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN LOCATION PLAN
ROUTE 270, HAWI TO KAPA'AU
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: 1" = 40'
Date: May, 2015

SHEET No. 4 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. III	113

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE

STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
339+05	●		21.23	R1-1		1	1				
339+09	●		21.23	SS-1 (AKONI PULE HWY)		1		1			
339+09	●		21.23	SS-1 (HAWI RD)		1		1			
339+19		●	21.23	R8-3A		1	1				
339+19		●	21.23	R8-3AE		1		1			
339+26		●	21.23	R1-1		1	1				
339+26		●	21.23	SS-1 (HAWI RD)		1		1			
339+50		●	21.23	R7-6		1	1				
340+33	●		21.26	R7-108		1	1				
340+33	●		21.26	R8-3A		1		1			
340+33	●		21.26	R8-3AE		1		1			
341+26		●	21.27	R7-108		1	1				
341+57		●	21.28	W11-2		1	1				
342+03	●		21.29	R7-108		1	1				
342+60	●		21.30	R2-1B (25)		1			1		
342+95		●	21.31	R7-108		1	1				
343+02	●		21.31	R16-1A		1	1				
343+02	●		21.31	CLICK IT OR TICKET! (12"x18")		1		1			
343+05		●	21.31	D-4 (↑ Mahukona 8) (↑ Kawaihae 19) (← Waimea 21) (10.0' X 5.5')		1			1		55
351+92		●	21.47	R1-1		1	1				
351+92		●	21.47	SS-1 (WAIPIELE ST)		1		1			
351+95	●		21.47	R2-1B (35)		1			1		
352+27		●	21.48	W14-2		1	1				
353+02		●	21.50	D-5 (HAWI TOWN) (2.5' X 9')		1			1		22.5
354+84		●	21.53	R2-1B (25)		1			1		
356+27		●	21.56	R4-1		1	1				
356+29	●		21.56	R4-2		1	1				
358+67		●	21.60	R2-5 (25)		1	1				
364+00		●	21.70	R1-1		1	1				
364+00		●	21.70	SS-1 (KUMAKOA ST)		1		1			
365+00		●	21.72	W14-2		1	1				
375+01	●		21.91	S2-1		1	1				
375+01	●		21.91	W13-1 (25)		1		1			

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE

STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
376+04	●		21.93	R4-1		1	1				
377+07		●	21.95	R2-1B (35)		1			1		
378+07		●	21.98	R4-2		1	1				
378+69	●		21.95	ADOPT-A-HIGHWAY (SCOUTS PACK & TROOP 56)		2		1	1		
378+69		●	21.95	ADOPT-A-HIGHWAY (KOHALA MISSION SCHOOL)		2		1	1		
378+80		●	21.98	R8-3A		1	1				
378+80		●	21.98	R8-3AE		1		1			
379+79		●	22.01	R8-3A		1	1				
379+79		●	22.01	R8-3AE		1		1			
381+14		●	22.01	R8-3A		1	1				
381+14		●	22.01	R8-3AE		1		1			
381+17	●		22.02	S2-1		1	1				
381+17	●		22.02	M7-4		1		1			
381+36		●	22.02	S2-1		1	1				
381+36		●	22.02	M7-4		1		1			
381+38		●	22.02	R1-1		1	1				
381+38		●	22.02	SS-1 (HONOMAKAU RD)		1		1			
381+91	●		22.03	R1-1		1	1				
385+51		●	22.10	R1-1		1	1				
385+51		●	22.10	SS-1 (KAPUA PL)		1		1			
385+51		●	22.10	SS-1 (HAWI-NIULII RD)		1		1			
385+68		●	22.10	W14-1		1	1				
385+68		●	22.10	(Private Road)	1						
388+02		●	22.15	S2-1		1	1				
388+02		●	22.15	W13-1 (25)		1		1			

NOTE :

*Refer to Location Plan for reference directions,
Mauka and Makai.*

	6/8/15	<i>This sheet replaces Sheet No. 111 in its entirety.</i>
---	--------	---

<i>DATE</i>	<i>REVISION</i>
-------------	-----------------

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN SCHEDULE

ROUTE 270, HAWI TO KAPA'AU
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: 1"=40' Date: May, 2015

SHEET No. 1 OF 3 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK JULY 1995 glmsa71ssiddgn	DRAWN BY λ _____ * λ _____
	TRACED BY _____ *
	DESIGNED BY _____ *
	QUANTITIES BY _____ *
	CHECKED BY _____ *

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 112	113

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE

STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
388+96		●	22.16	R1-1		1	1				
389+40	●		22.16	W14-2		1	1				
389+85	●		22.17	R1-1		1	1				
389+85	●		22.17	SS-1 (PUEHUEHU PL)		1		1			
398+13	●		22.36	W2-1		1	1				
399+17		●	22.36	R2-1B (35)		1			1		
399+35	●		22.36	R1-1		1	1				
399+35	●		22.36	SS-1 (PUAHUEHUE RD)		1		1			
399+37		●	22.36	R5-1		1	1				
399+43	●		22.36	W11-2		1	1				
399+75		●	22.36	R8-3A		1	1				
399+75		●	22.36	R8-3AE		1		1			
401+16		●	22.39	R8-3A		1	1				
401+16		●	22.39	R8-3AE		1		1			
401+33		●	22.40	R1-1		1	1				
401+33		●	22.40	SS-1 (UNION MILL RD)		1		1			
402+02	●		22.41	R1-1		1	1				
402+02	●		22.41	SS-1 (KYNERSLEY RD)		1		1			
402+06		●	22.41	W11-2		1	1				
404+52		●	22.46	R4-1		1	1				
404+68	●		22.46	R4-2		1	1				
405+67	●		22.48	R2-1B (35)		1			1		
412+21	●		22.60	W14-2		1	1				
412+21		●	22.60	R1-1		1	1				
412+21		●	22.60	SS-1 (KOHALA NURSERY RD)		1		1			
412+71	●		22.61	R1-1		1	1				
412+71	●		22.61	SS-1 (AKONI PULE HWY)		1		1			
412+71	●		22.61	SS-1 (HINAHINA RD)		1		1			
417+72	●		22.71	R1-1		1	1				
417+72	●		22.71	SS-1 (HANAULA APO RD)				1			
423+75	●		22.84	R1-1		1	1				
423+75	●		22.84	SS-1 (KEKOA UHANE RD)		1		1			
426+20	●		22.87	R1-1		1	1				
426+52		●	22.87	R1-1		1	1				
426+52		●	22.87	SS-1 (MALUHIA RD)		1		1			



SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE

STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
427+05	●	●	22.88	ELEV 500 FT/152 M (2'x2')		2	2				
432+50		●	22.98	R1-1		1	1				
432+50		●	22.98	SS-1 (OMACHI RD)		1		1			
432+86	●		22.99	R4-1		1	1				
433+96	●		23.02	R2-5 (25)		1	1				
436+92		●	23.07	R2-1B (35)		1			1		
436+98	●		23.07	R2-1B (25)		1			1		
437+60		●	23.09	R1-1		1	1				
437+60		●	23.09	SS-1 (OMACHI RD)		1		1			
437+80	●		23.09	M-15 (KAPA'AU TOWN) (1' X 4')		1	1				
438+27		●	23.10	R4-2		1	1				
438+68	●		23.10	R1-1		1	1				
438+68	●		23.10	SS-1 (HALL RD)		1		1			
440+33	●		23.14	W11-2		1	1				
442+86	●		23.18	W11A-2		1	1				
442+86	●		23.18	M7-4		1		1			
442+98		●	23.19	R1-1		1	1				
442+98		●	23.19	SS-1 (KAMEHAMEHA PARK RD)		1		1			
443+59		●	23.20	W11A-2		1	1				
443+59		●	23.20	M7-4		1		1			
446+14		●	23.25	W11-2		1	1				
448+01	●		23.28	R1-1		1	1				
448+01	●		23.28	SS-1 (PALAI PL)		1		1			
448+01	●		23.28	SS-1 (NONAME PL)		1		1			
449+84	●		23.32	R8-3A		1	1				
449+84	●		23.32	R8-3AE		1		1			
449+92	●		23.32	W11-2		1	1				

NOTE :

Refer to Location Plan for reference directions,
Mauka and Makai.



6/8/15

This sheet replaces Sheet No. 112
in its entirety.

DATE

REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN SCHEDULE

ROUTE 270, HAWI TO KAPA'AU
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: 1"=40'

Date: May, 2015

SHEET No. 2 OF 3 SHEETS

ADD. 112

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
6/8/15	TRACED BY	
6/8/15	CHECKED BY	
6/8/15	QUANTITIES BY	
6/8/15	CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	ADD. 113	113

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	MAUKA	MAKAI	M.P.	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		DESTINATION SIGN PANEL (S.F.)
							W/POST	WO/POST	W/POST	WO/POST	
449+92	●		23.32	M7-4		1		1			
450+10		●	23.32	RI-1		1	1				
450+10		●	23.32	SS-1 (HOLY BAKERY RD)		1		1			
452+00		●	23.36	W11-2		1	1				
452+27	●		23.36	D9-14P		1	1				
452+49	●		23.37	R8-3A		1	1				
452+66		●	23.37	RI-1		1	1				
452+66		●	23.37	SS-1 (HOSPITAL RD)		1		1			
452+91	●		23.37	RI-1		1	1				
452+91	●		23.37	SS-1 (AKONI PULE HWY)		1		1			
452+91	●		23.37	SS-1 (KAPA'AU RD)		1		1			
453+18	●		23.38	R8-3A		1	1				
453+18	●		23.38	R8-3AE		1		1			
453+42	●		23.38	FAP S-203(1)		1	1				
454+16	●		23.40	KAMEHAMEHA STATUE	1						
454+63		●	23.41	D9-14P		1	1				
455+21		●	23.42	W11-2		1	1				
456+11	●		23.43	R8-3A		1	1				
456+11	●		23.43	R8-3AE		1		1			
458+00	●		23.47	D9-2		1	1				
TOTALS					2	140	80	49	12		77.5

MILEPOST SCHEDULE				
STATION	MAUKA	MAKAI	MILE POST D10-4 (12"X24") MILE POST NO. (RTE. NO.)	REMOVE INSTALL WITH POST (BI-DIRECTIONAL)
339+12	●		21.84 (250)	1 1
379+68	●		22 (270)	1 1
406+42	●		22.5 (270)	 1
433+16	●		23 (270)	1 1
TOTALS				3 4

ROUTE MARKER SCHEDULE				
STATION	MAUKA	MAKAI	ROUTE MARKER SIGN NO. (ROUTE #) w/ M2-1 OR M6 SIGNS	REMOVE INSTALL TYPE A ASSEMBLY
339+09	●		M1-6 (270)	1 1
339+09	●		M6-4	1 1
339+71		●	M1-6 (250)	1 1
339+71		●	1M6-1L	1 1
339+71		●	M1-6 (270)	1 1
339+71		●	1M6-3	1 1
340+64	●		M1-6 (270)	1 1
341+38		●	M1-6 (250)	1 1
341+38		●	M2-1	1 1
TOTALS				9 9

NOTE :
Refer to Location Plan for reference directions, Mauka and Makai.

SURVEY PLOTTED BY

DATE

6/8/15

DRAWN BY

Y

TRACED BY

NOTE BOOK

6/11/2015

QUANTITIES BY

CHECKED BY

ORIGINAL PLAN

6/11/2015

NOTE BOOK

6/11/2015

QUANTITIES BY

CHECKED BY

6/8/15	This sheet replaces Sheet No. 113 in its entirety.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN SCHEDULE

ROUTE 270, HAWI TO KAPA'AU
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

Scale: 1"=40' Date: May, 2015

SHEET No. 3 OF 3 SHEETS