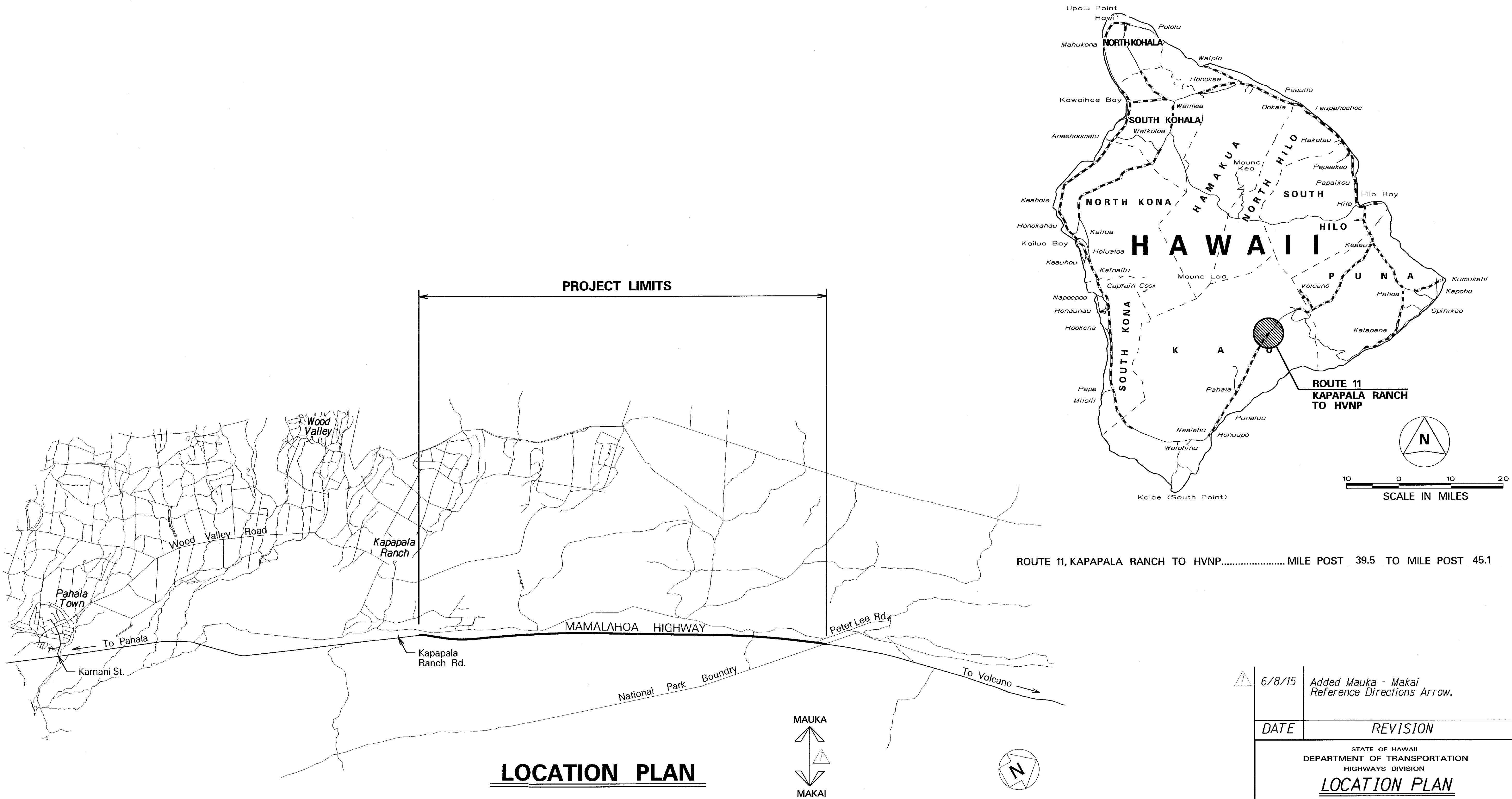


INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
43	LOCATION PLAN
44-57	SIGN LOCATION PLAN
58	SIGN SCHEDULE

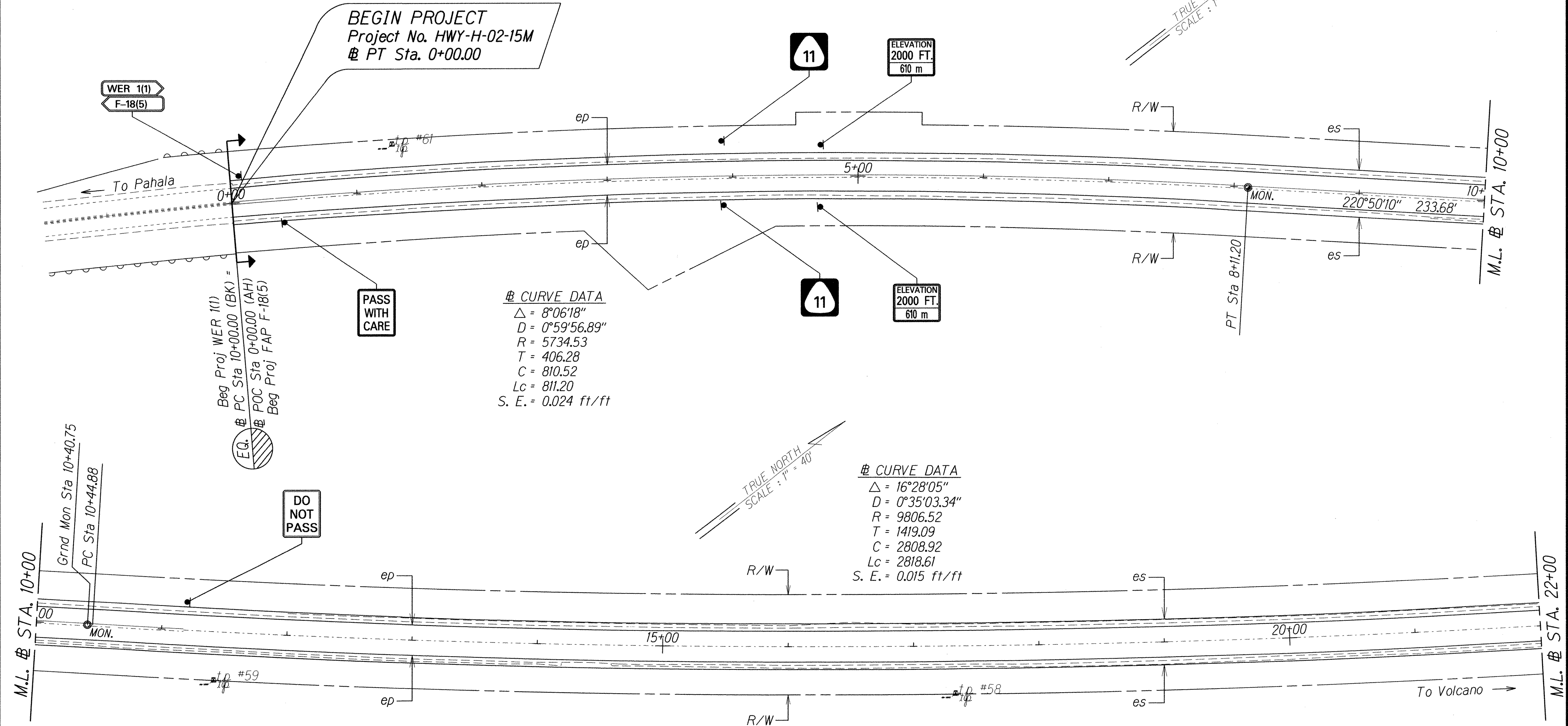
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	43	113



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	
NOTE BOOK	TRACED BY	
166/14/2015	CHECKED BY	
N ^o		

6/8/15	Added Mauka - Makai Reference Directions Arrow.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOCATION PLAN ROUTE 11, KAPAPALA RANCH TO HVNP 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	44	113



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

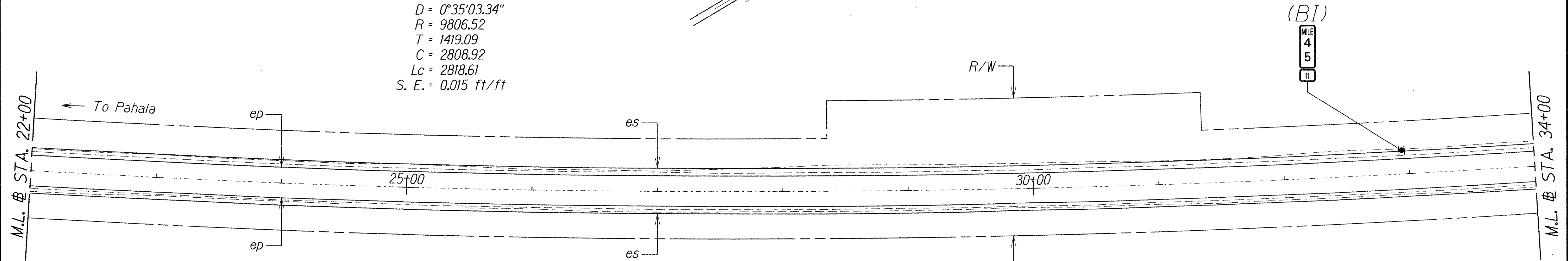
Scale: 1"=40' Date: May, 2015

SHEET No. 1 OF 14 SHEETS

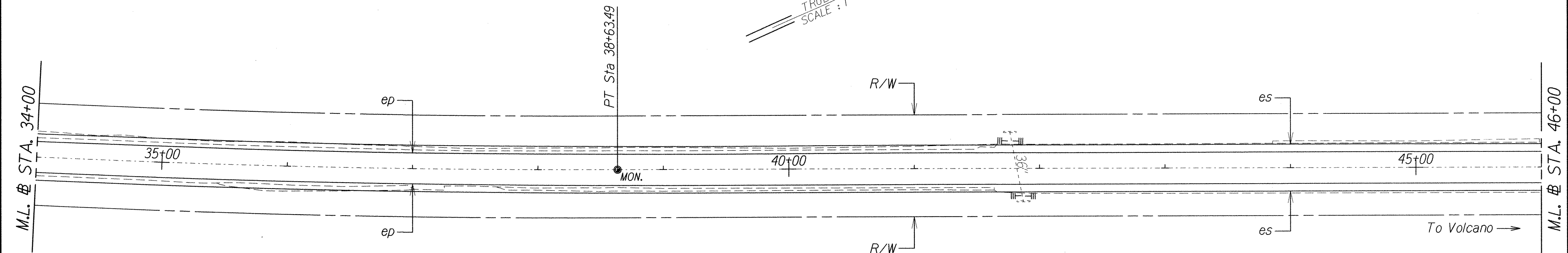
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	45	113

⊕ CURVE DATA
 $\Delta = 16^{\circ}28'05''$
 $D = 0^{\circ}35'03.34''$
 $R = 9806.52$
 $T = 1419.09$
 $C = 2808.92$
 $Lc = 2818.61$
 $S. E. = 0.015 \text{ ft/ft}$

TRUE NORTH
SCALE : 1" = 40'



TRUE NORTH
SCALE : 1" = 40'



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
N _o	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

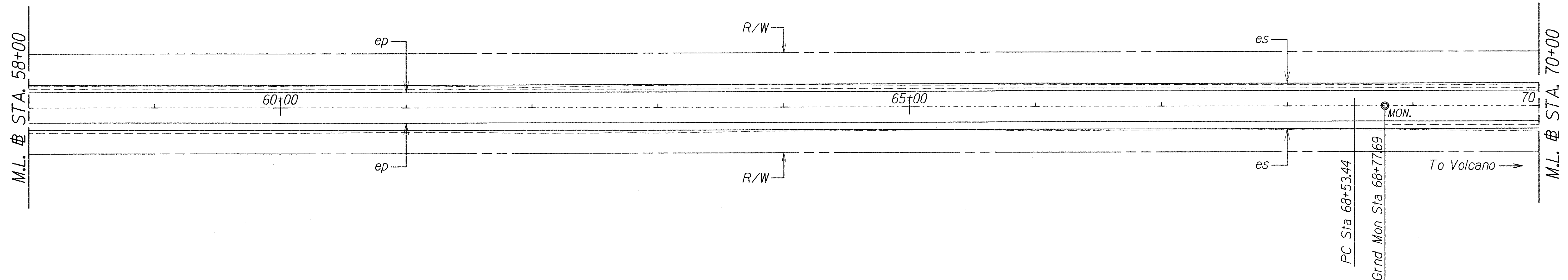
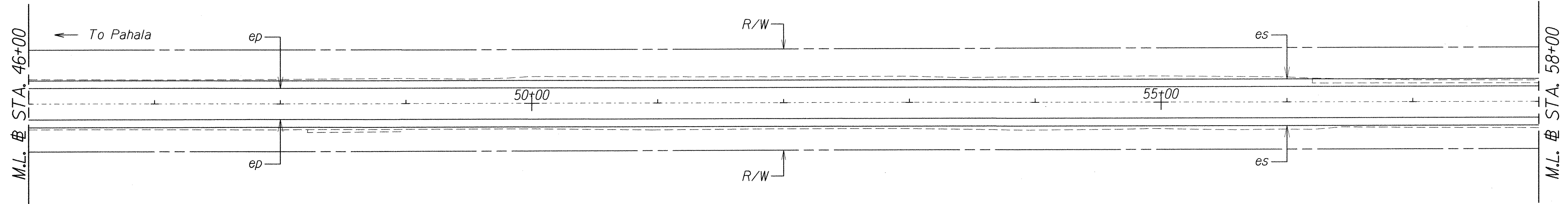
SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

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

SHEET No. 2 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	46	113



DESIGNED BY	DATE
DRWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	NOTE BOOK
No.	No.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

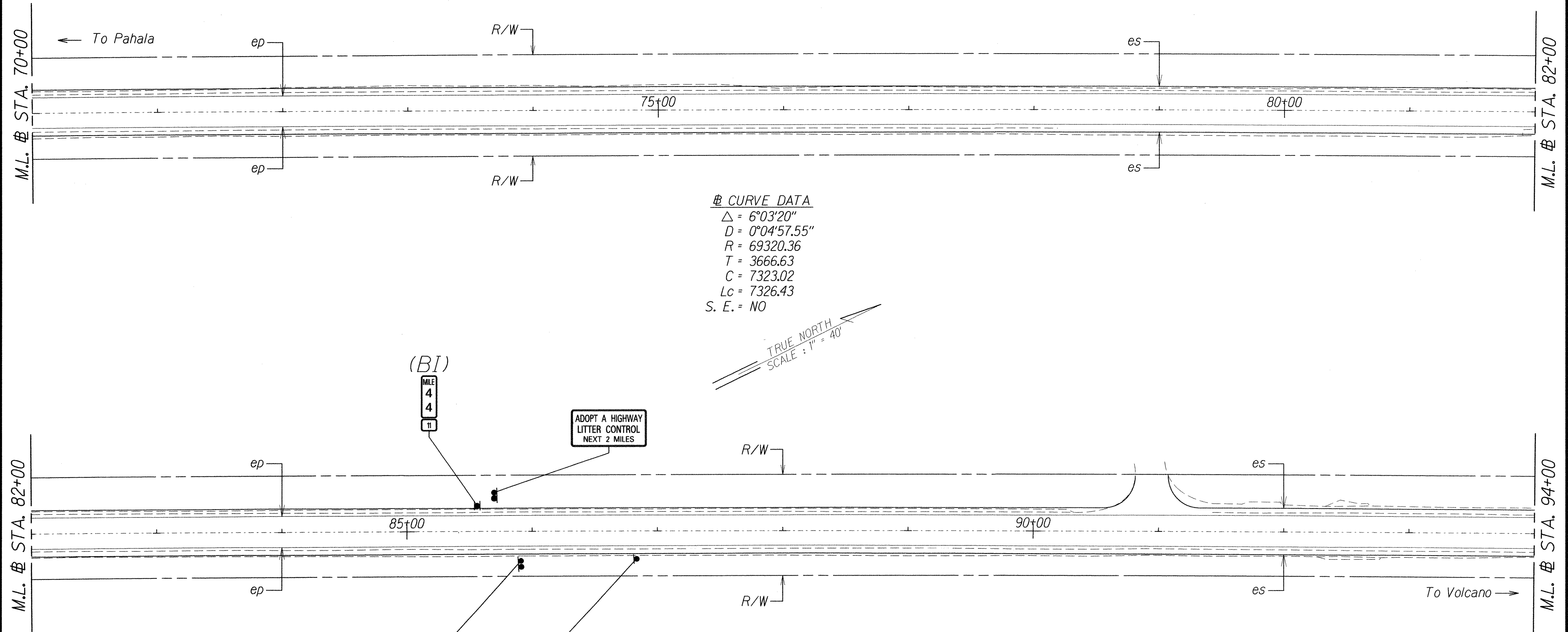
SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

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

SHEET No. 3 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	47	113



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

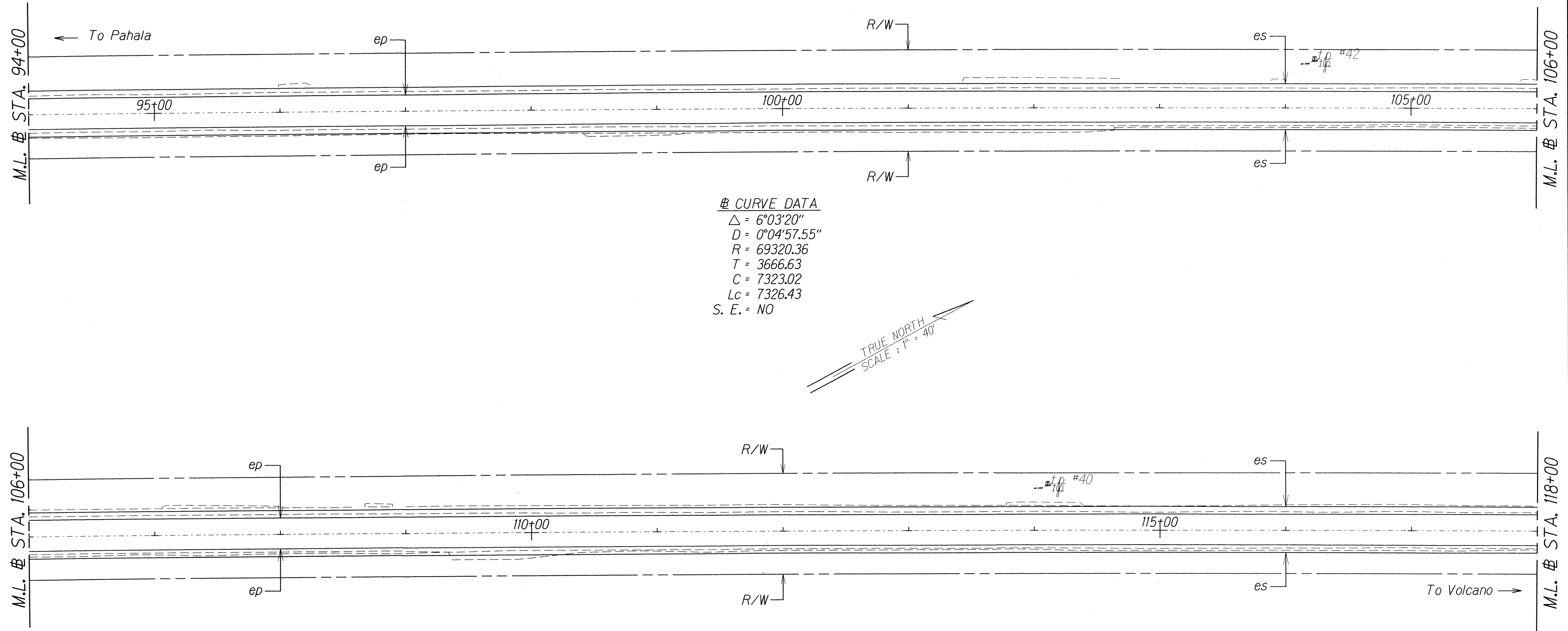
SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

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

SHEET No. 4 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	48	113



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

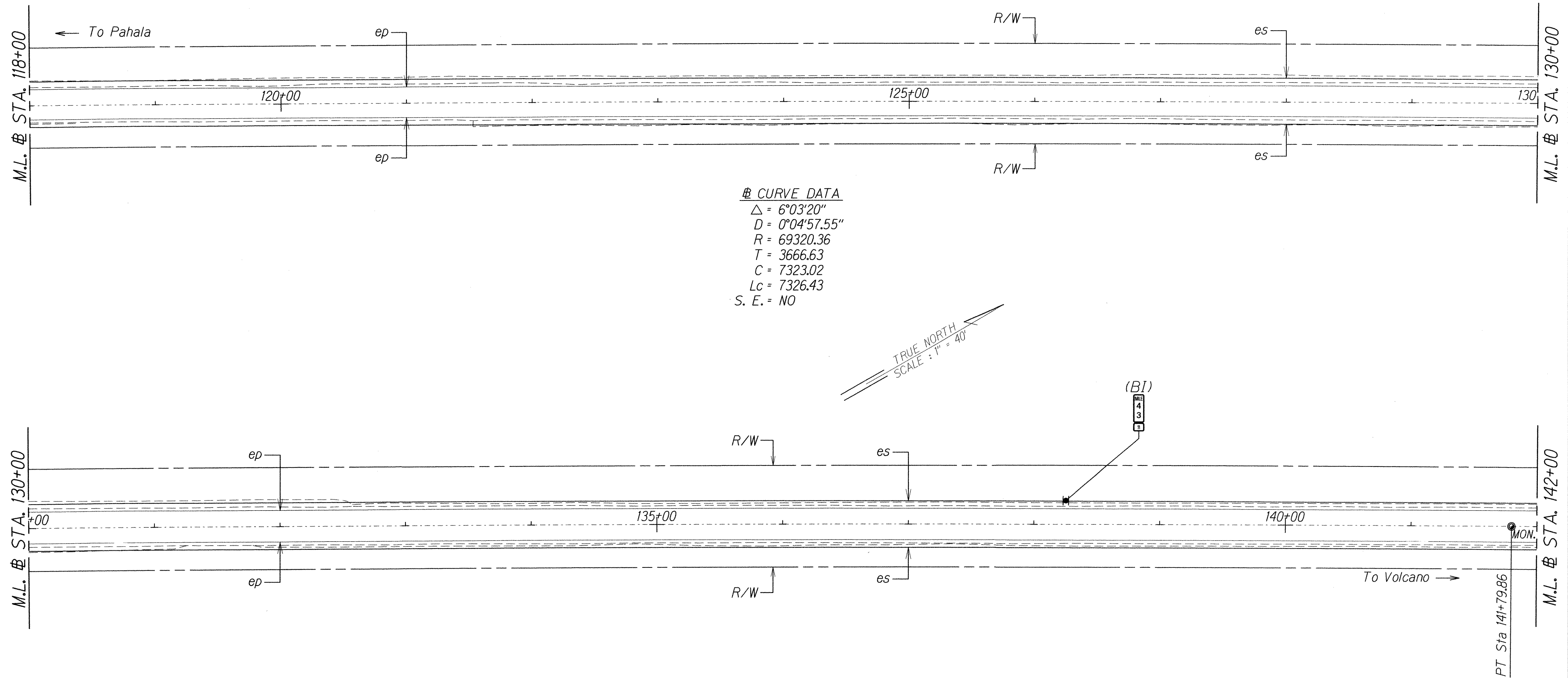
SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

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

SHEET No. 5 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	49	113



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

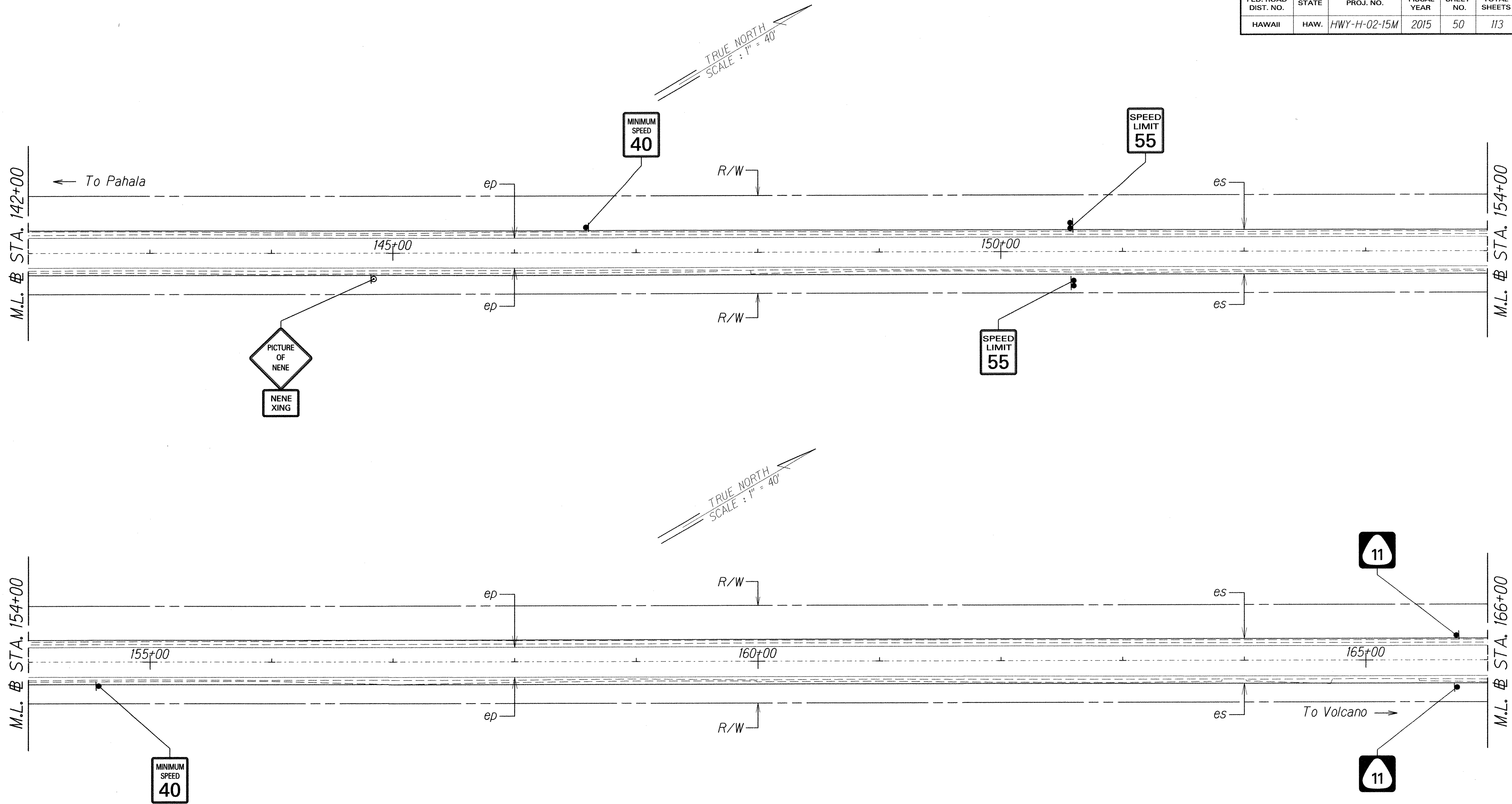
SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

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

SHEET No. 6 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	50	113



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
QUANTITIES BY	CHECKED BY	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

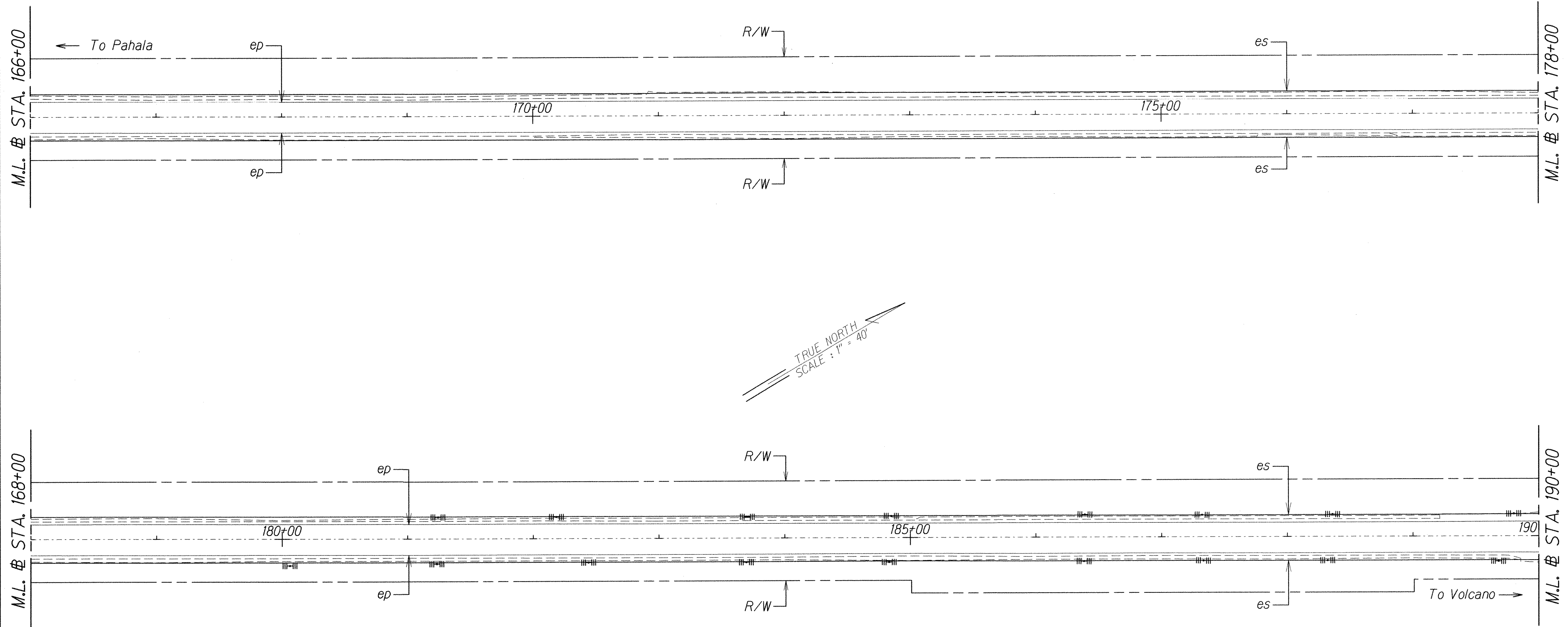
SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

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

SHEET No. 7 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	51	113



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

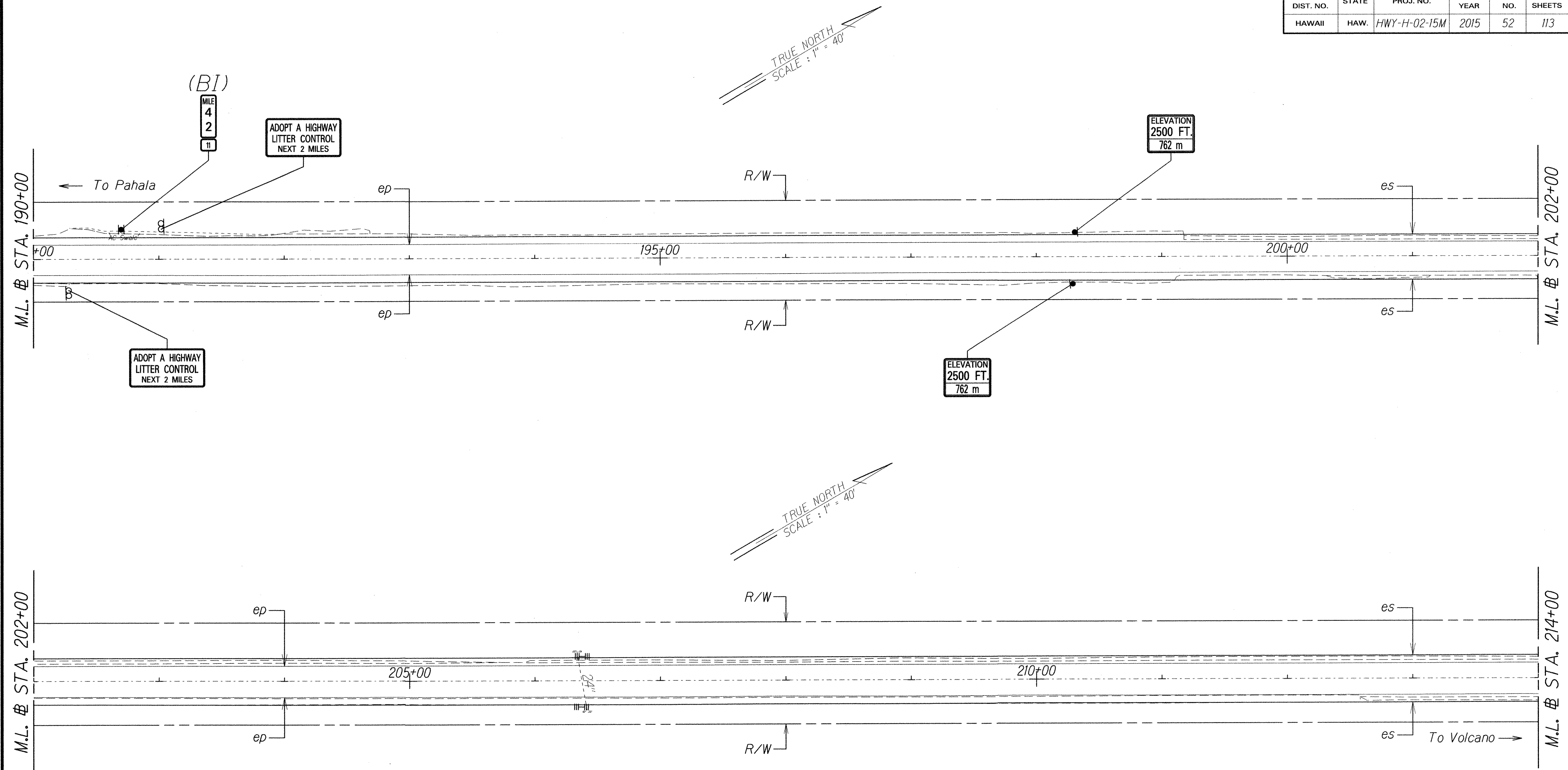
SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

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

SHEET No. 8 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	52	113



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
QUANTITIES BY	CHECKED BY	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

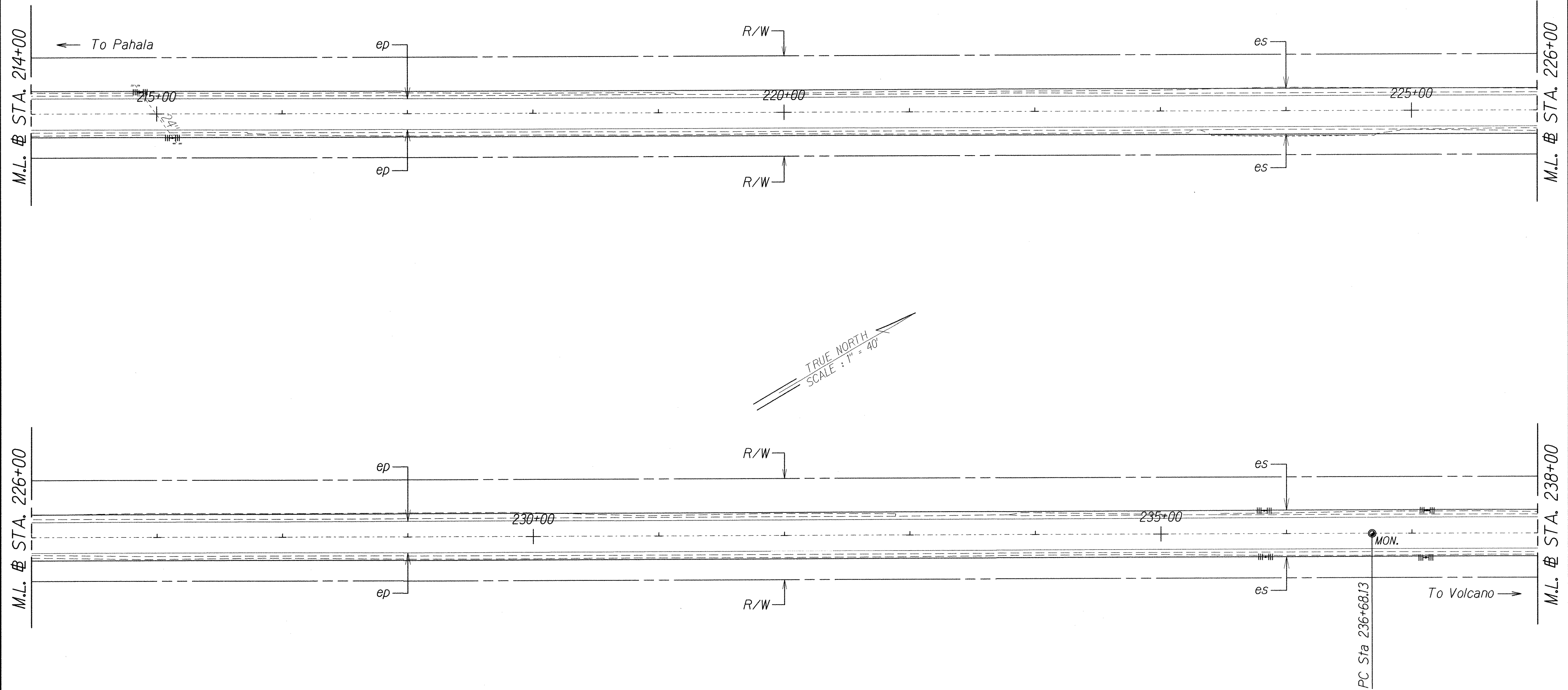
SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

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

SHEET No. 9 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	53	113



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

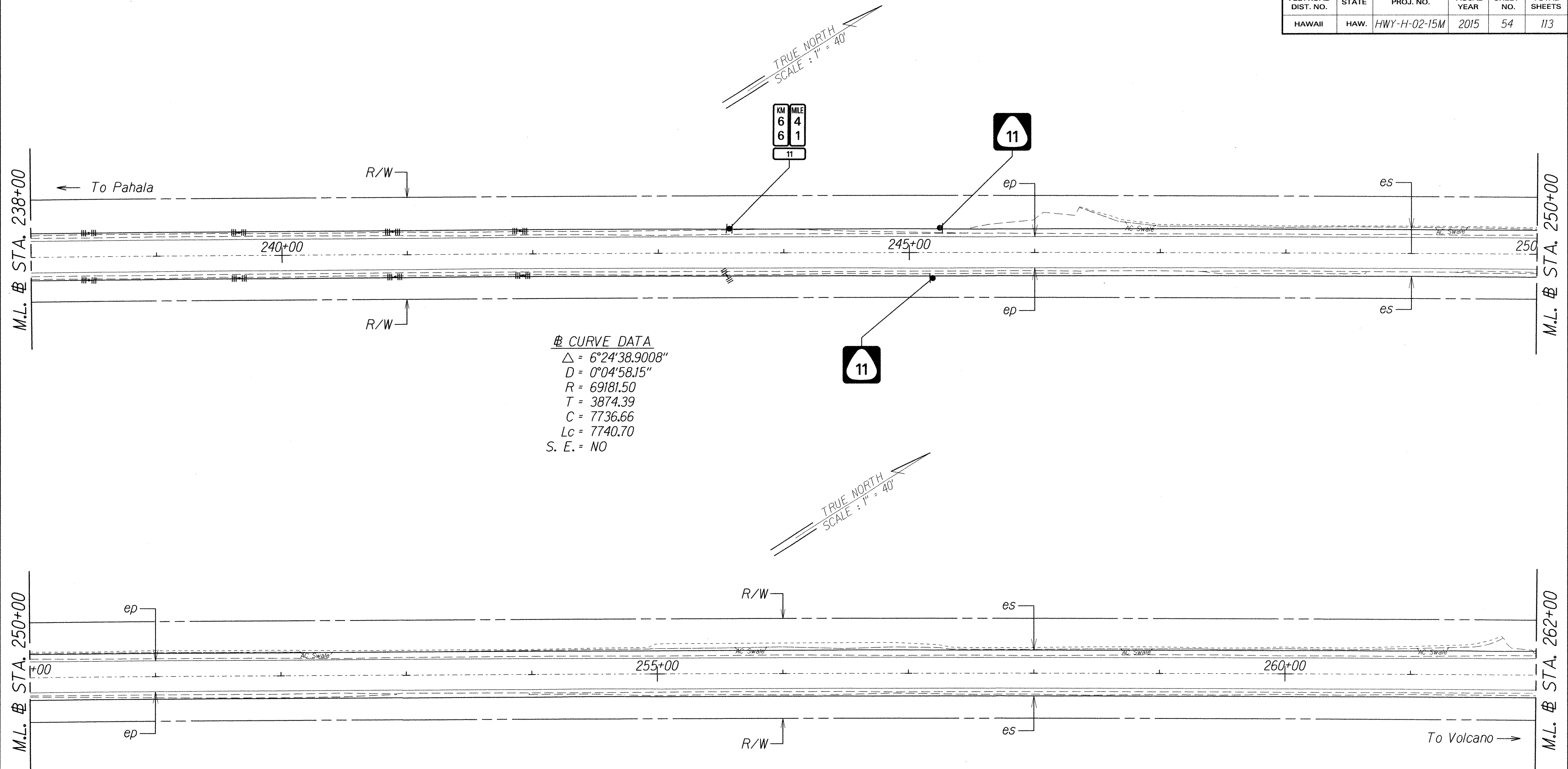
SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

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

SHEET No. 10 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	54	113



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

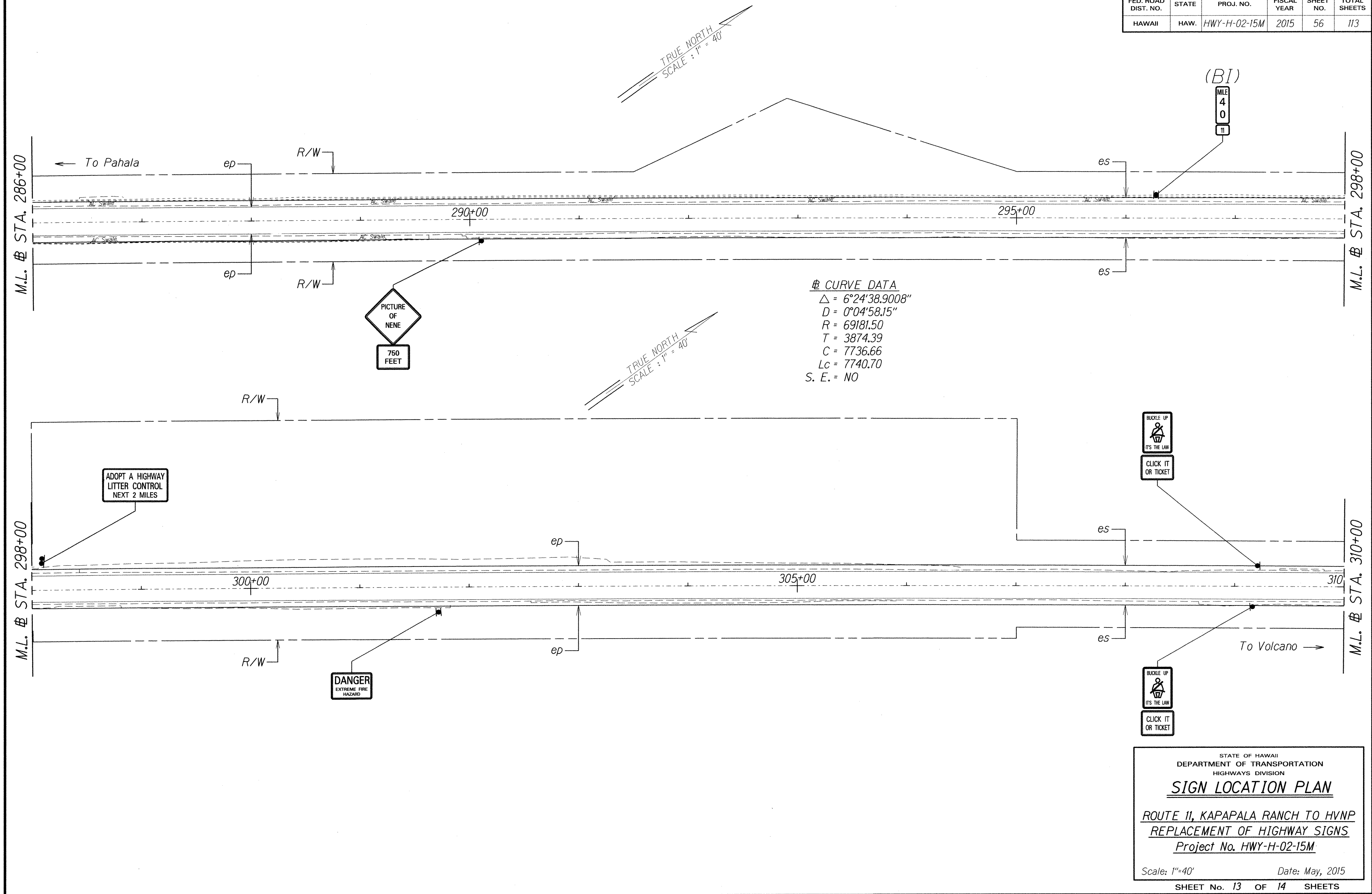
SIGN LOCATION PLAN

ROUTE 11, KAPAPALA RANCH TO HVNP
REPLACEMENT OF HIGHWAY SIGNS
Project No. HWY-H-02-15M

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

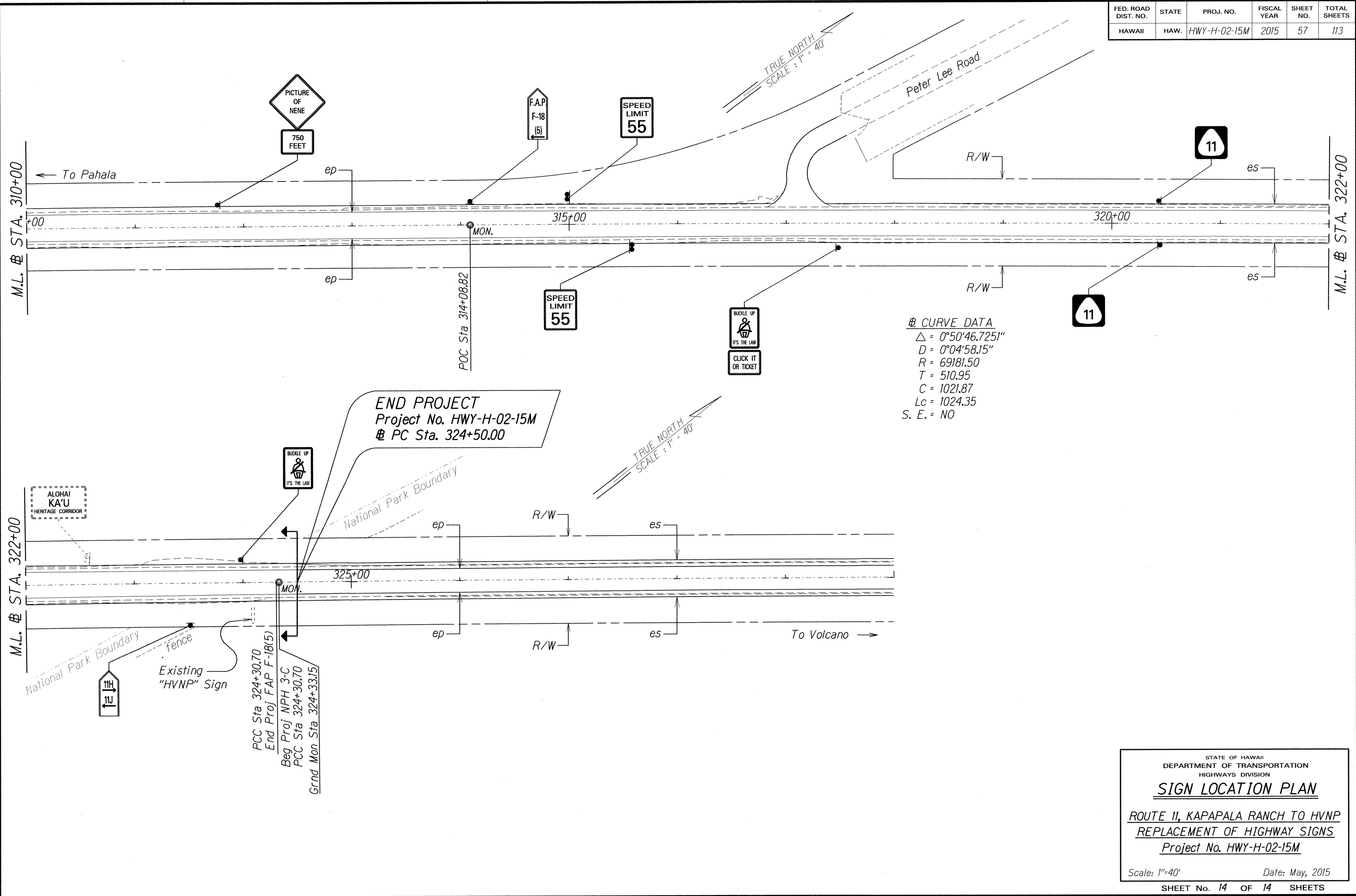
SHEET No. 11 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-02-15M	2015	56	113



ORIGINAL PLAN	DESIGNED BY	DATE
NOTE BOOK	TRACED 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	57	113



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
QUANTITIES BY	CHECKED BY	
No.		

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGN LOCATION PLAN
 ROUTE 11, KAPAPALA RANCH TO HVNP
 REPLACEMENT OF HIGHWAY SIGNS
 Project No. HWY-H-02-15M
 Scale: 1"=40' Date: May, 2015
 SHEET No. 14 OF 14 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