

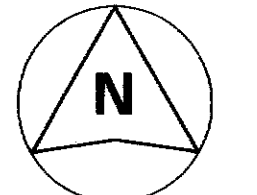
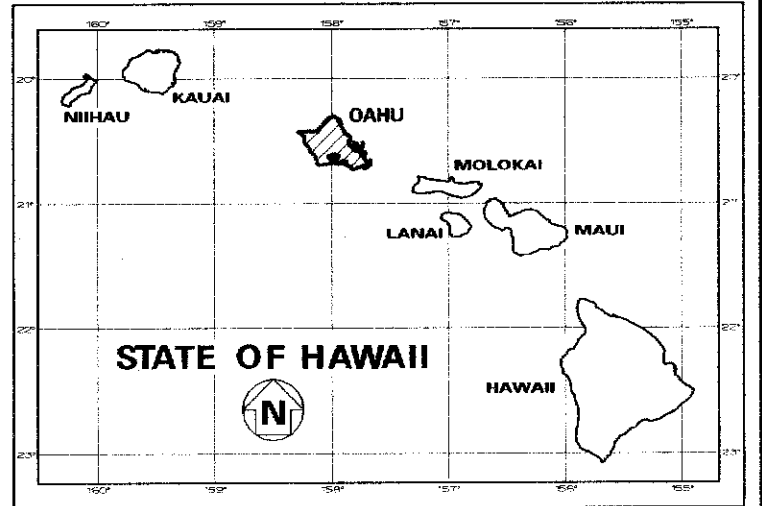
INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD PLANS SUMMARY
3 - 6	GENERAL NOTES AND LEGEND AND UTILITY NOTES
7 - 8	WATER POLLUTION AND EROSION CONTROL NOTES
9 - 12	RECONSTRUCTION AREA SCHEDULE
13 - 18	TYPICAL SECTIONS
19 - 23	GUARDRAIL DETAILS
24 - 34	ROADWAY PLANS
35 - 38	TRAFFIC COUNTING STATION
39	HECO AND HTEL SERVICE DETAILS
40 - 42	WAILUPE BRIDGE ENDWALL
43	PAVEMENT MARKING LEGEND, DETAILS AND NOTES
44 - 45	WORK ZONE SIGNING PLAN, NOTES AND DETAILS
46 - 56	PAVEMENT MARKING AND SIGNING PLAN
57	UNSIGNALIZED INTERSECTION MARKINGS AND SIGNS
58 - 60	MISCELLANEOUS SIGN DETAILS
61 - 62	RUMBLE STRIP DETAILS AND NOTES
63	TRAFFIC SIGNAL NOTES AND LEGEND
64	LOOP DETECTOR DETAILS
65 - 77	LOOP DETECTOR PLAN
78 - 85	LANDSCAPING



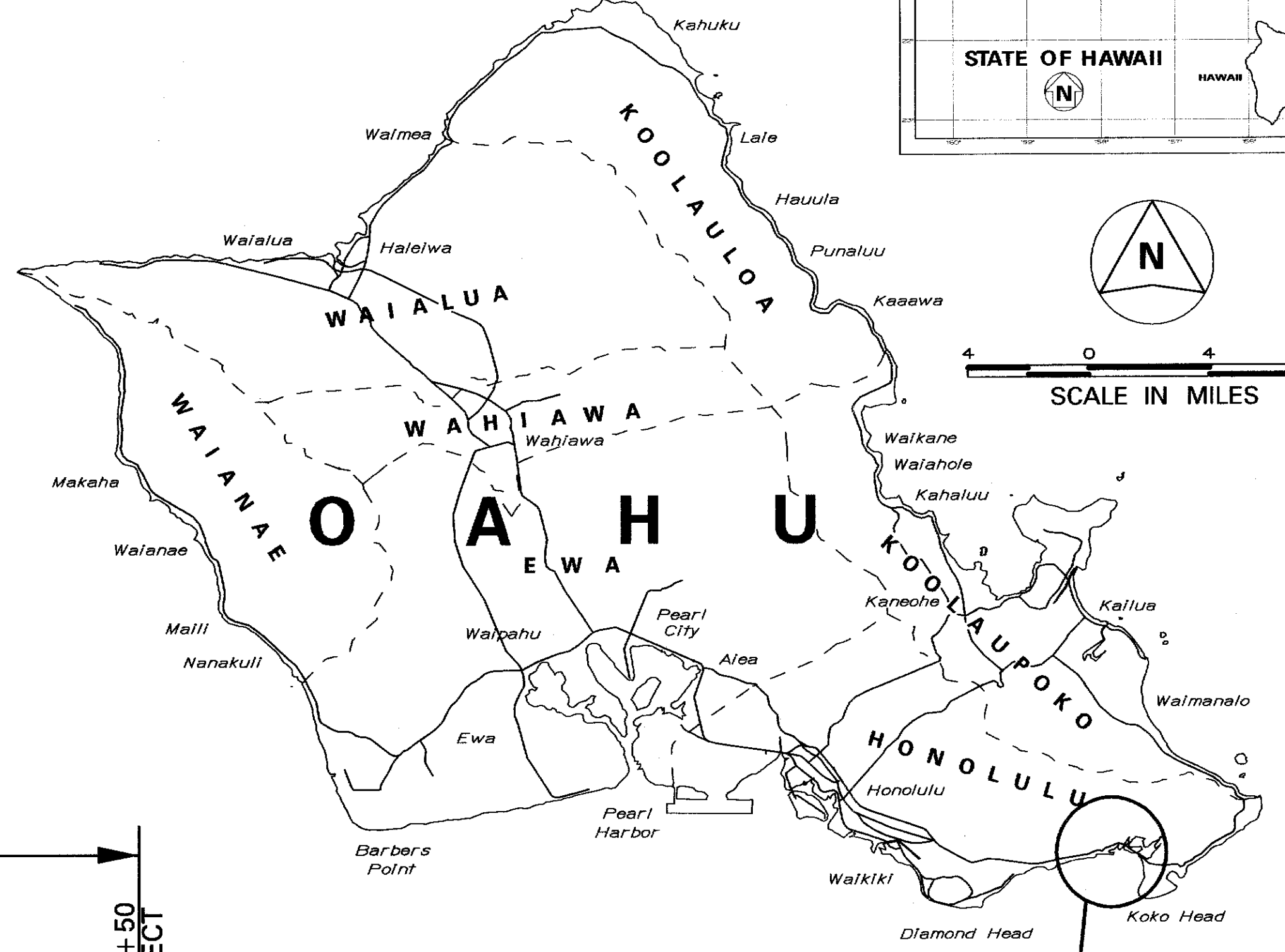
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII

PLANS FOR
KALANIANA'OLE HIGHWAY RESURFACING
WEST HIND DRIVE TO VICINITY OF HANAUMA BAY ROAD
FEDERAL AID PROJECT NO. NH-072-1(056)
DISTRICT OF HONOLULU
ISLAND OF OAHU

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(056)	2013	ADD. 1	85



SCALE IN MILES
4 0 4 8



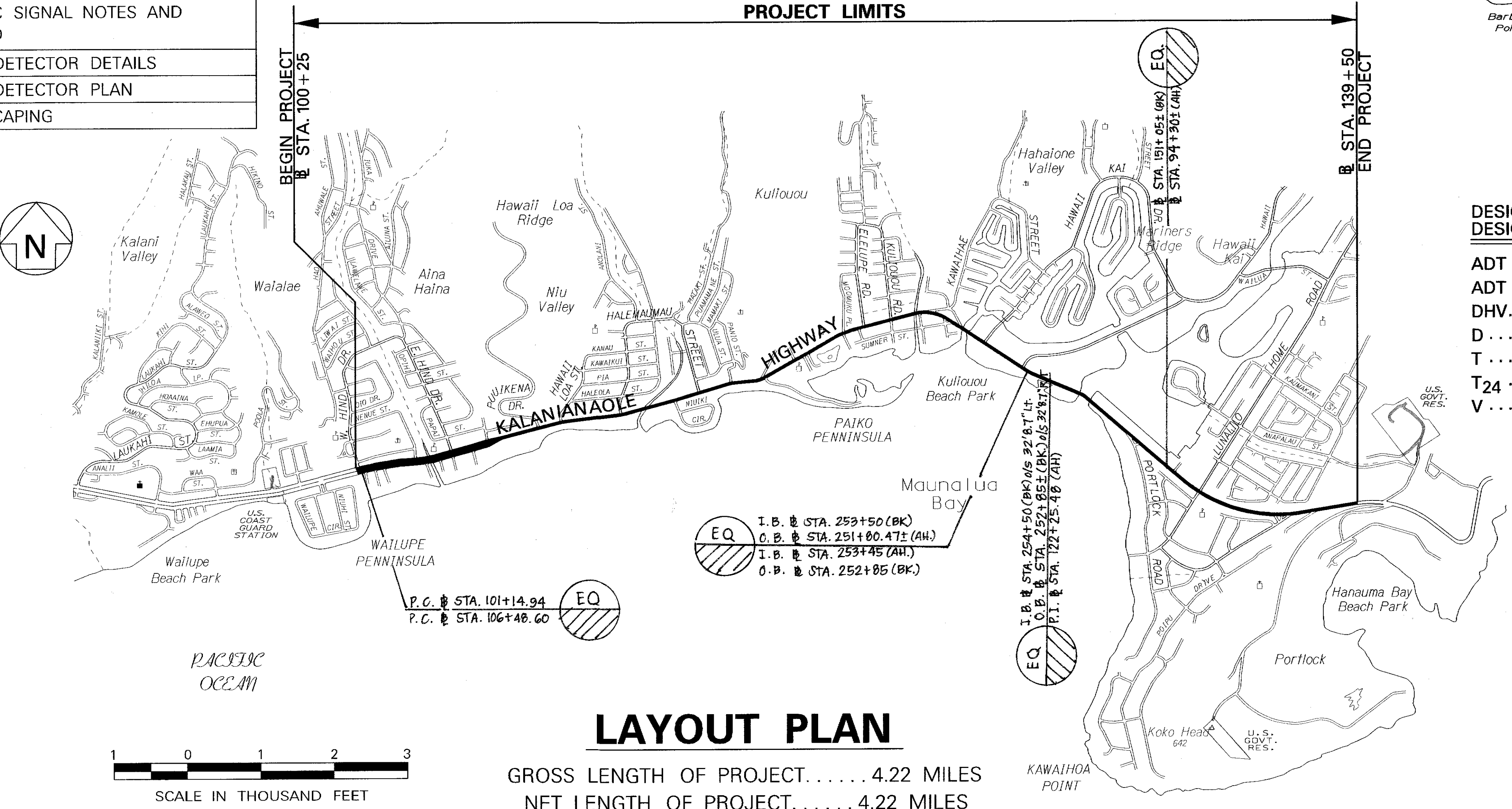
LOCATION
OF PROJECT

Hwy-DD
DESIGNED BY

Hwy-DD
MANAGED BY

692-7570
PHONE

Sept. 2013
DATE



DESIGN DESIGNATION	MP 12.50 - 13.27	MP 13.27 - 14.09	MP 14.09 - 14.29	MP 14.29 - 15.78	MP 15.78 - 16.82
ADT (2013)	11,300	35,000	57,100	71,500	68,700
ADT (2023)	12,200	39,400	63,700	79,200	72,900
DHV	1,040	3,150	4,780	5,940	5,830
D	55/45	70/30	65/35	75/25	75/25
T	5.5 %	4.5 %	4.5 %	5.0 %	5.5 %
T24	5.0 %	4.5 %	4.5 %	4.0 %	4.0 %
V	35 MPH	35 MPH	35 MPH	35 MPH	35 MPH

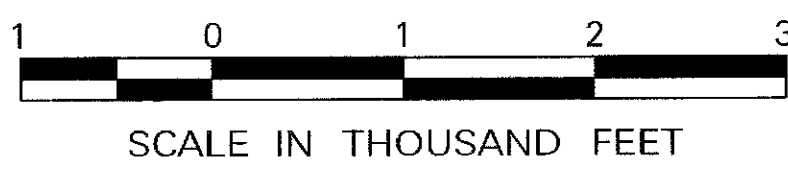
MILE POST 12.60 TO MILE POST 16.82

11/4/13 Corrected Index to Drawings.

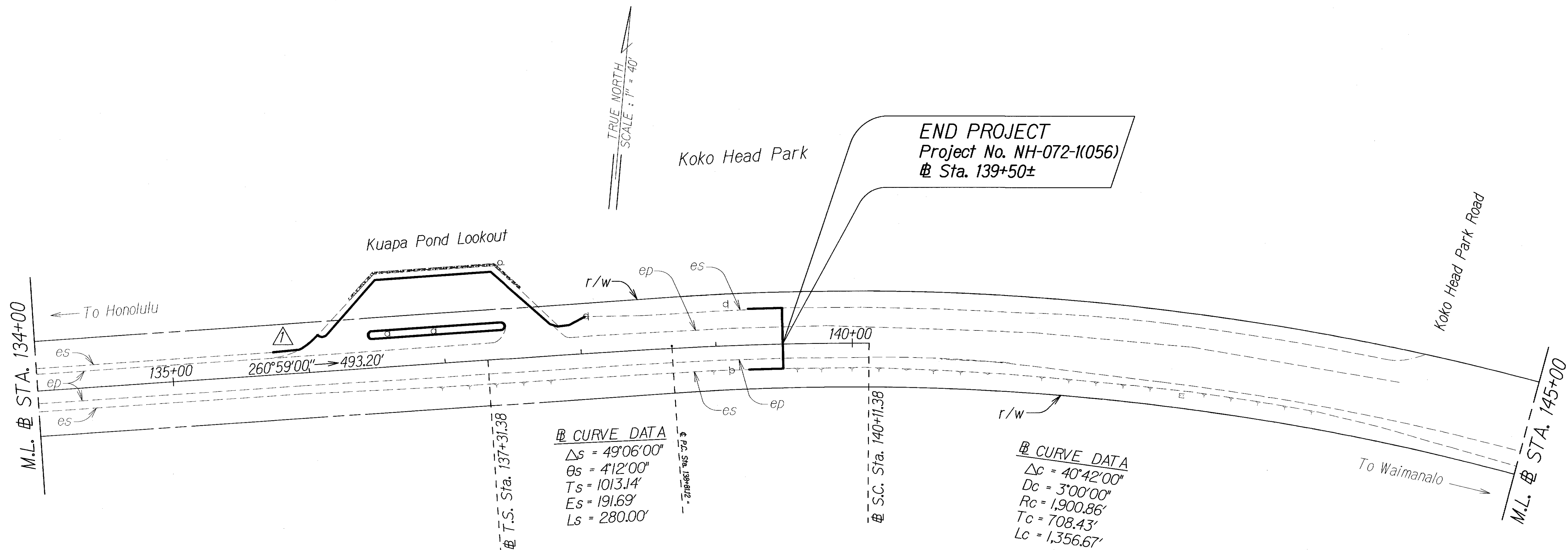
DATE	REVISION
	DEPARTMENT OF TRANSPORTATION STATE OF HAWAII
	APPROVED: <i>Kevin A. Galvan</i> for DIR. OF TRANSPORTATION
	11/05/13 DATE

LAYOUT PLAN

GROSS LENGTH OF PROJECT..... 4.22 MILES
NET LENGTH OF PROJECT..... 4.22 MILES



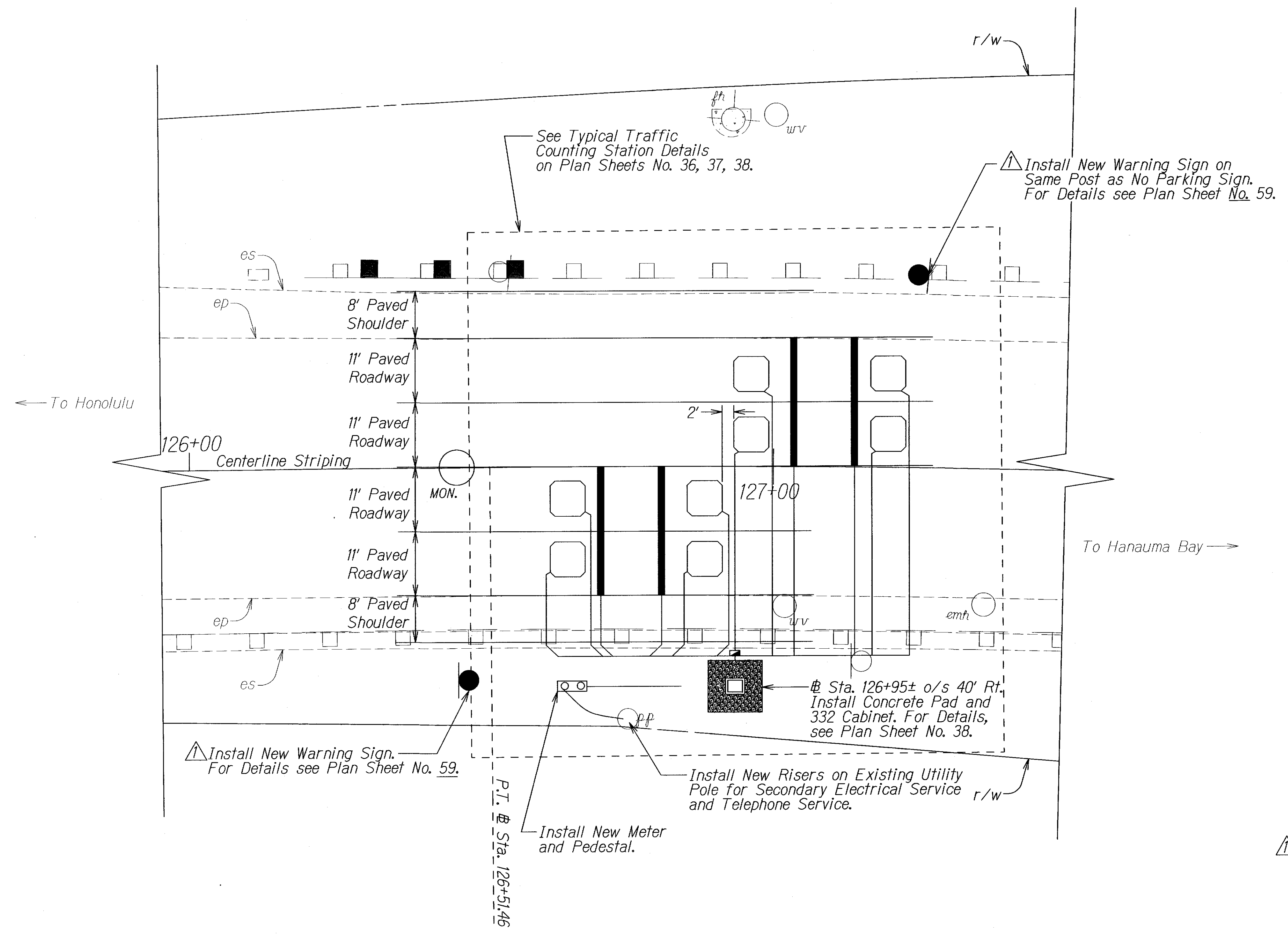
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(056)	2013	ADD.34	85



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY	DRAWN BY	
DESIGNED BY	NOTED BY	
CHECKED BY	NO. 10000	

11/8/13	Revise Plan to Show Paving Limit for Kuapa Pond Lookout to Follow ES.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION ROADWAY PLANS KALANIANA'OLE HIGHWAY RESURFACING <u>West Hind Drive to</u> <u>Vicinity of Hanauma Bay Road</u> Federal Aid Project No. NH-072-1(056) Scale: 1"=40' Date: August, 2013	
SHEET No. 11 OF 11 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(056)	2013	ADD. 35	85

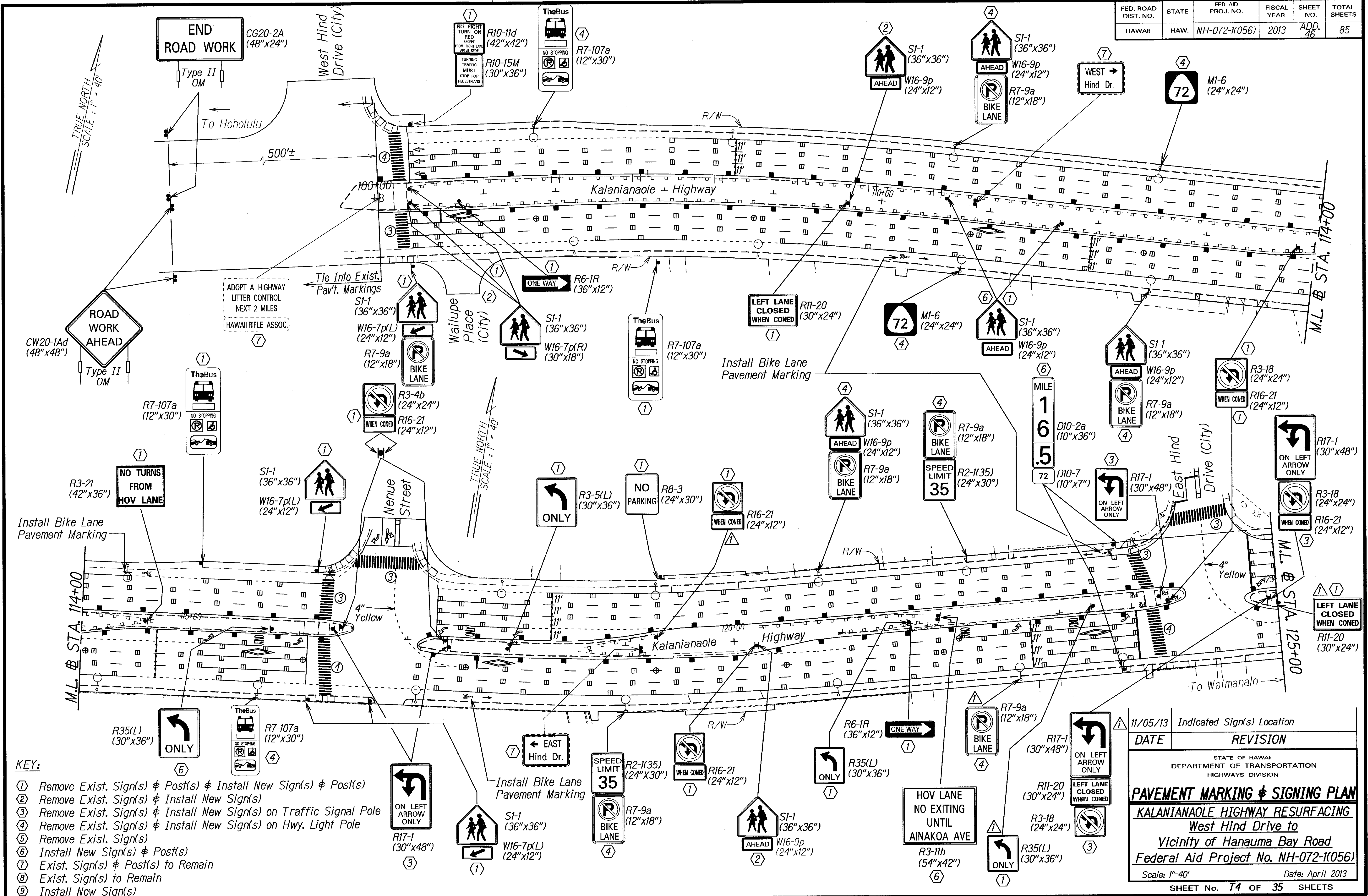


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY		
DESIGNED BY		
CHECKED BY		
N°		

TRAFFIC COUNTING STATION PLAN FOR ROUTE 72
 @ STA. 126+75± (M.P. 13.89±)
 Scale: 1"=10'

11/6/13	Revise Plan to Show New Location of New Warning Sign.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION TRAFFIC COUNTING STATION PLAN & TYPICAL KALANIANA'OLE HIGHWAY RESURFACING West Hind Drive to Vicinity of Hanauma Bay Road Federal Aid Project No. NH-072-1(056) Scale: 1"=10' Date: August, 2013	
SHEET No. TCI OF 4 SHEETS	

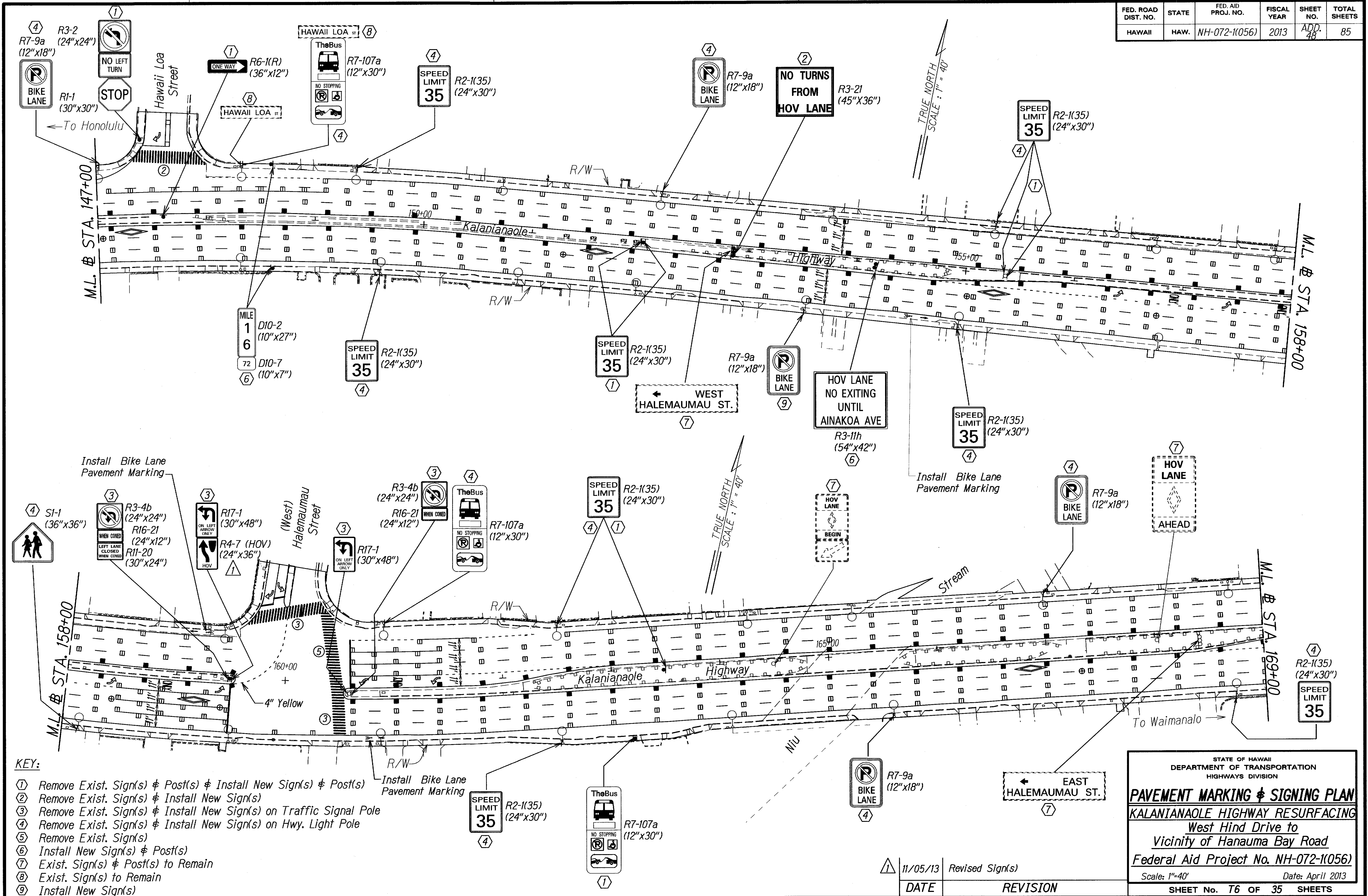
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(056)	2013	ADD. 46	85



- KEY:**
- ① Remove Exist. Sign(s) & Post(s) & Install New Sign(s) & Post(s)
 - ② Remove Exist. Sign(s) & Install New Sign(s)
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Traffic Signal Pole
 - ④ Remove Exist. Sign(s) & Install New Sign(s) on Hwy. Light Pole
 - ⑤ Remove Exist. Sign(s)
 - ⑥ Install New Sign(s) & Post(s)
 - ⑦ Exist. Sign(s) & Post(s) to Remain
 - ⑧ Exist. Sign(s) to Remain
 - ⑨ Install New Sign(s)

DATE	REVISION
11/05/13	Indicated Sign(s) Location
	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PAVEMENT MARKING & SIGNING PLAN	
KALANIANAʻOLE HIGHWAY RESURFACING	
West Hind Drive to	
Vicinity of Hanauma Bay Road	
Federal Aid Project No. NH-072-1(056)	
Scale: 1"=40'	Date: April 2013
SHEET No. 74 OF 35 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(056)	2013	ADD. 48	85



KEY:

- ① Remove Exist. Sign(s) & Post(s) & Install New Sign(s) & Post(s)
- ② Remove Exist. Sign(s) & Install New Sign(s)
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Traffic Signal Pole
- ④ Remove Exist. Sign(s) & Install New Sign(s) on Hwy. Light Pole
- ⑤ Remove Exist. Sign(s)
- ⑥ Install New Sign(s) & Post(s)
- ⑦ Exist. Sign(s) & Post(s) to Remain
- ⑧ Exist. Sign(s) to Remain
- ⑨ Install New Sign(s)

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
ORIGINAL PLAN	
NOTES	
100m	
1/2"=40'	

11/05/13	Revised Sign(s)
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
KALANIANAʻOLE HIGHWAY RESURFACING
West Hind Drive to
Vicinity of Hanauma Bay Road
Federal Aid Project No. NH-072-1(056)
Scale: 1"=40' Date: April 2013
SHEET No. T6 OF 35 SHEETS

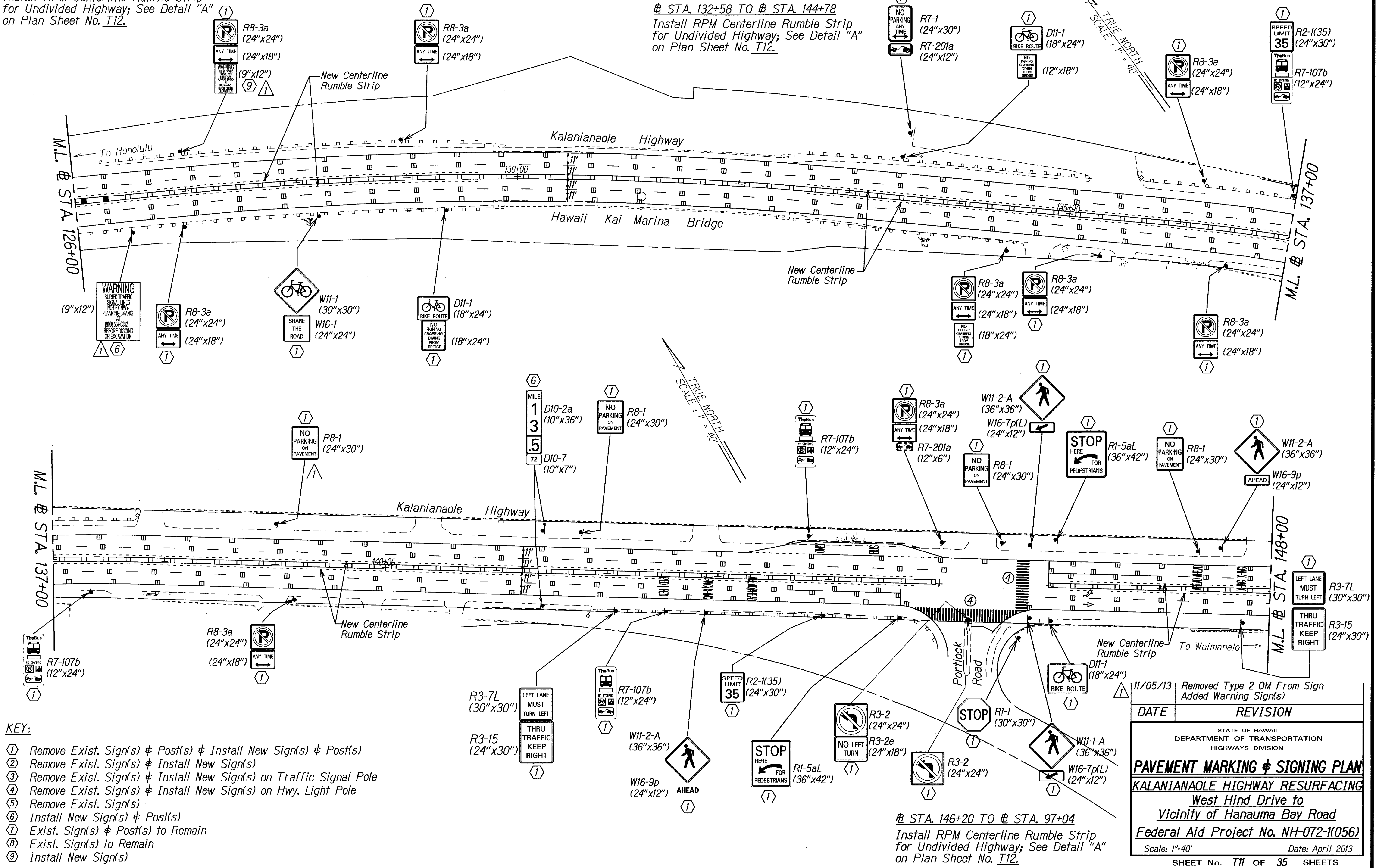
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(056)	2013	ADD. 53	85

STA. 126+30 TO # STA. 129+68

Install RPM Centerline Rumble Strip for Undivided Highway; See Detail "A" on Plan Sheet No. T12.

STA. 132+58 TO # STA. 144+78

Install RPM Centerline Rumble Strip for Undivided Highway; See Detail "A" on Plan Sheet No. T12.

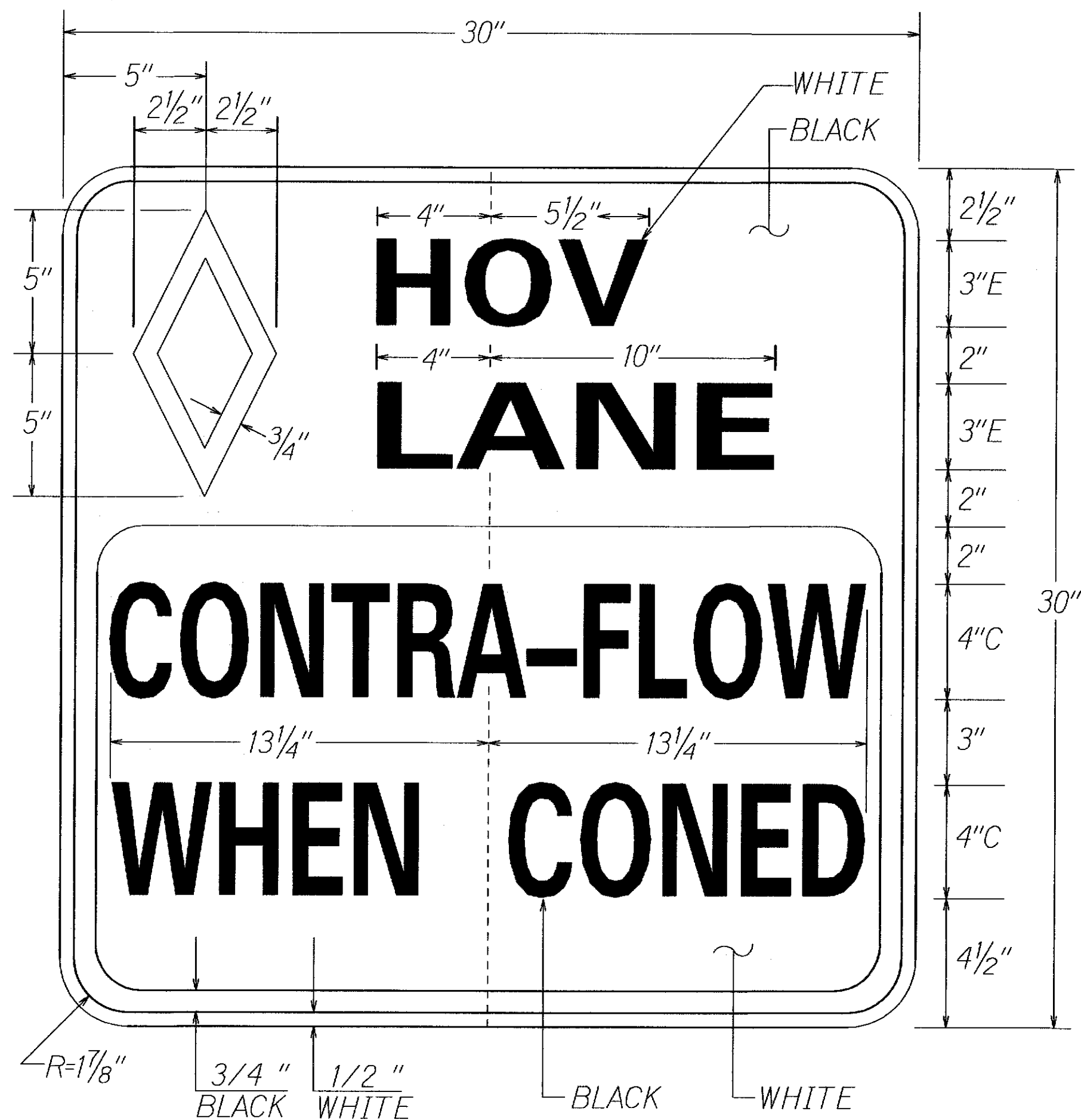


KEY:

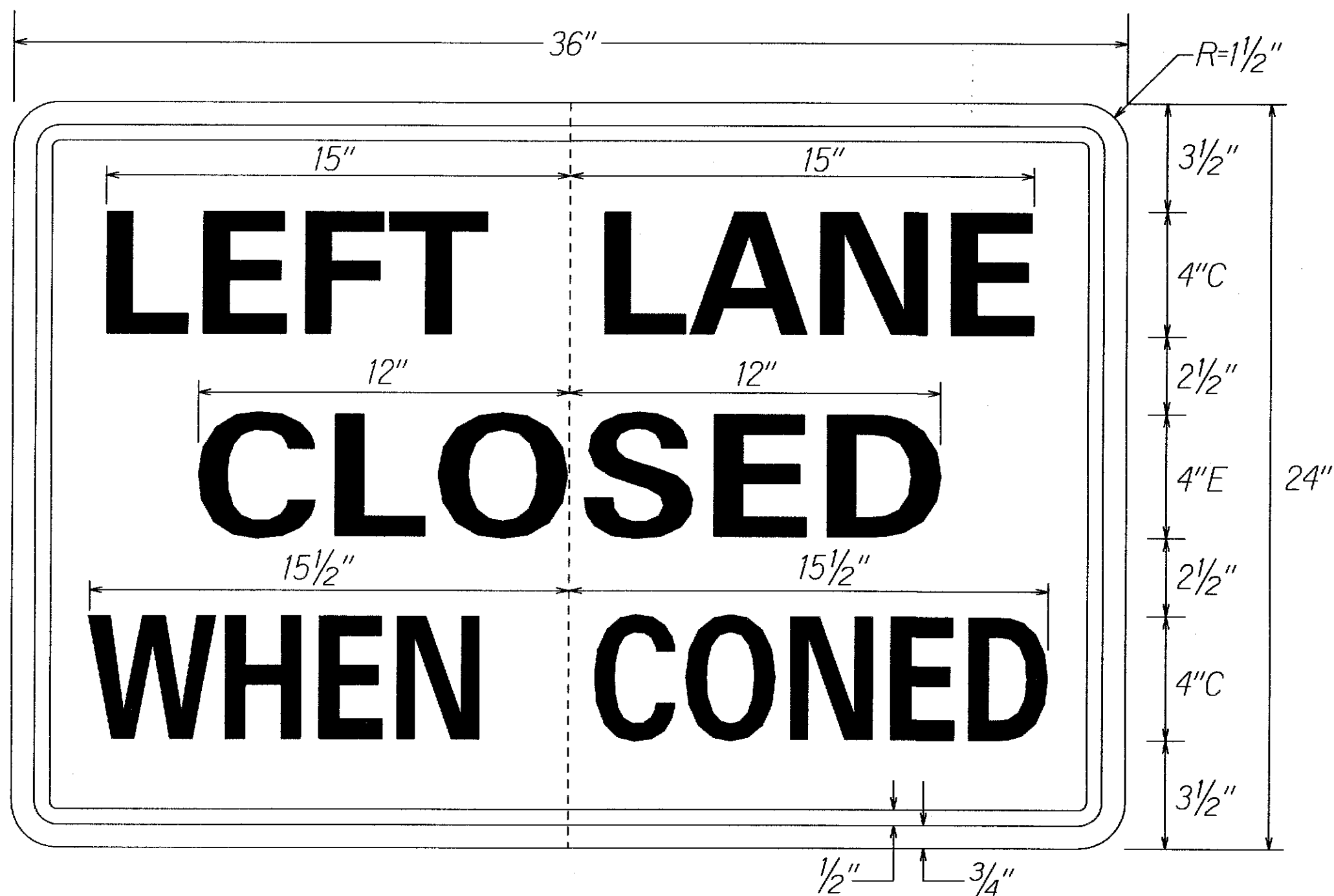
- ① Remove Exist. Sign(s) & Post(s) & Install New Sign(s) & Post(s)
- ② Remove Exist. Sign(s) & Install New Sign(s)
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Traffic Signal Pole
- ④ Remove Exist. Sign(s) & Install New Sign(s) on Hwy. Light Pole
- ⑤ Remove Exist. Sign(s)
- ⑥ Install New Sign(s) & Post(s)
- ⑦ Exist. Sign(s) & Post(s) to Remain
- ⑧ Exist. Sign(s) to Remain
- ⑨ Install New Sign(s)

DATE	REVISION
11/05/13	Removed Type 2 OM From Sign Added Warning Sign(s)
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PAVEMENT MARKING & SIGNING PLAN	
KALANIANA'OLE HIGHWAY RESURFACING	
West Hind Drive to Vicinity of Hanauma Bay Road	
Federal Aid Project No. NH-072-1(056)	
Scale: 1"=40'	Date: April 2013
SHEET No. T11 OF 35 SHEETS	

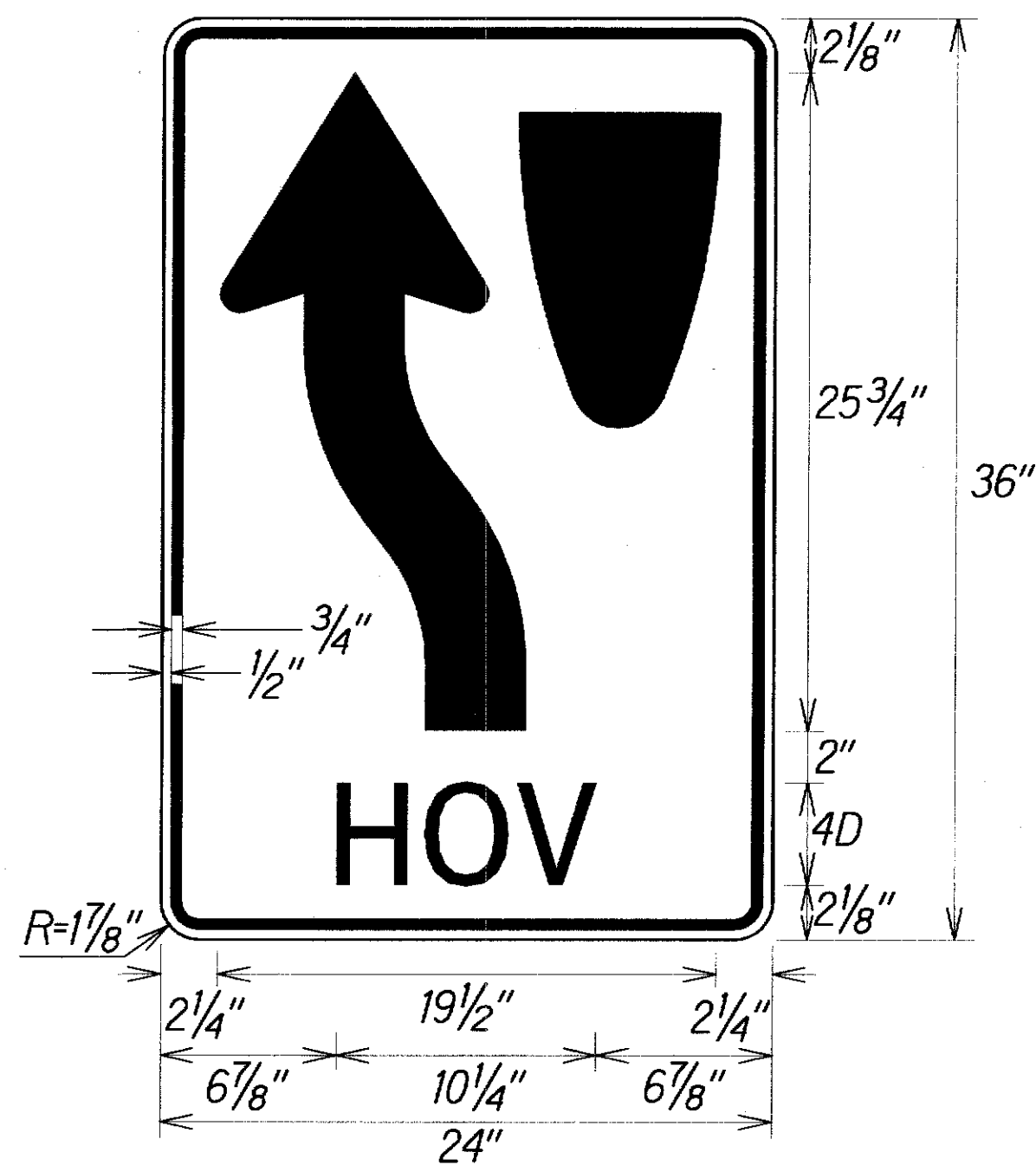
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(056)	2013	ADD. 58	85



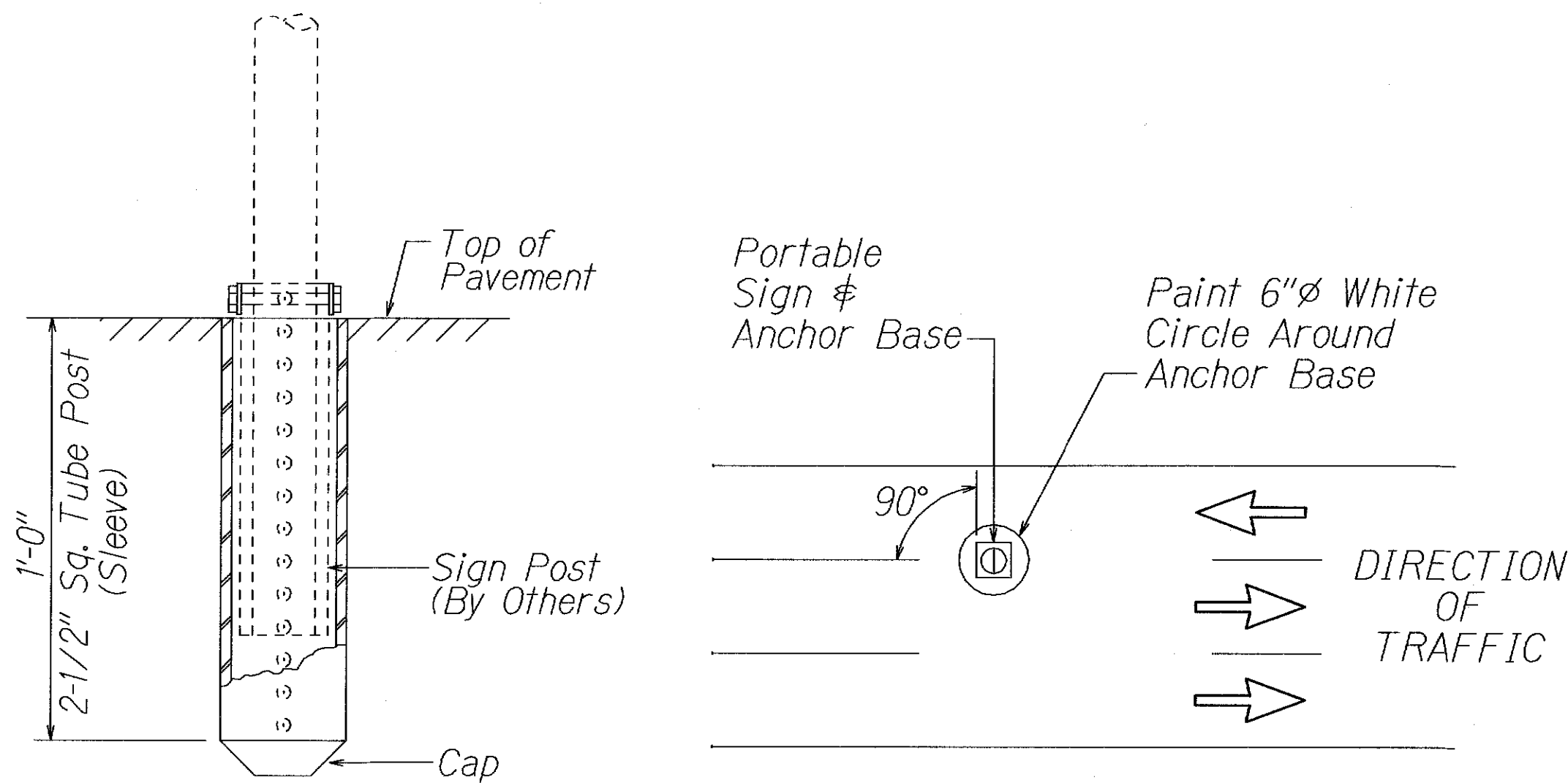
R3-11b
Not to Scale



R11-20
Not to Scale



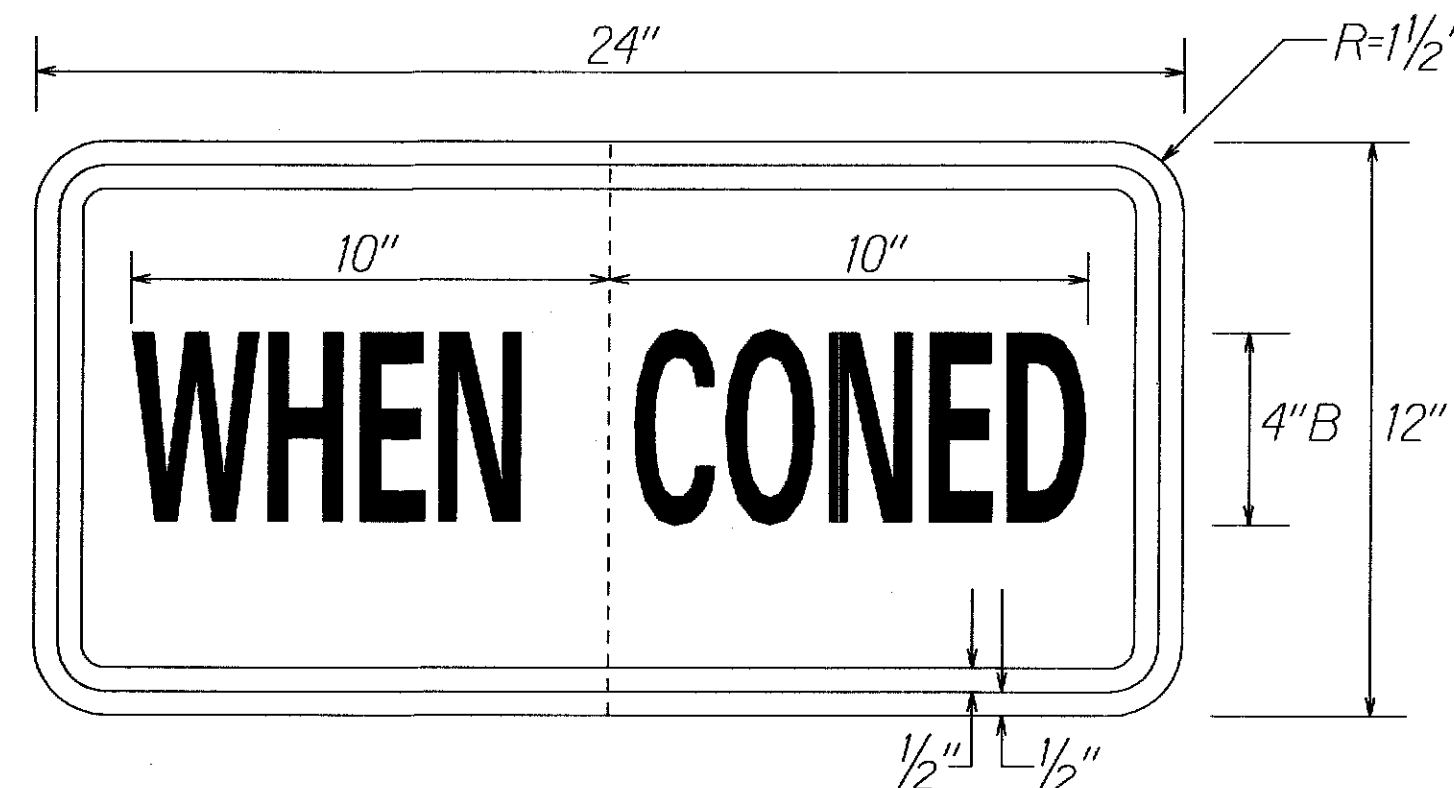
1 R4-7 (HOV)
Not to Scale



ANCHOR BASE FOR PORTABLE CONTRA-FLOW SIGN



R10-7a
Not to Scale



R16-21
Not to Scale

11/05/13	Added Sign Detail
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
MISCELLANEOUS SIGN DETAILS	
KALANIANA'OLE HIGHWAY RESURFACING West Hind Drive to Vicinity of Hanauma Bay Road Federal Aid Project No. NH-072-1(056)	
Scale: As Noted	Date: April 2013
SHEET No. T16 OF 35 SHEETS	