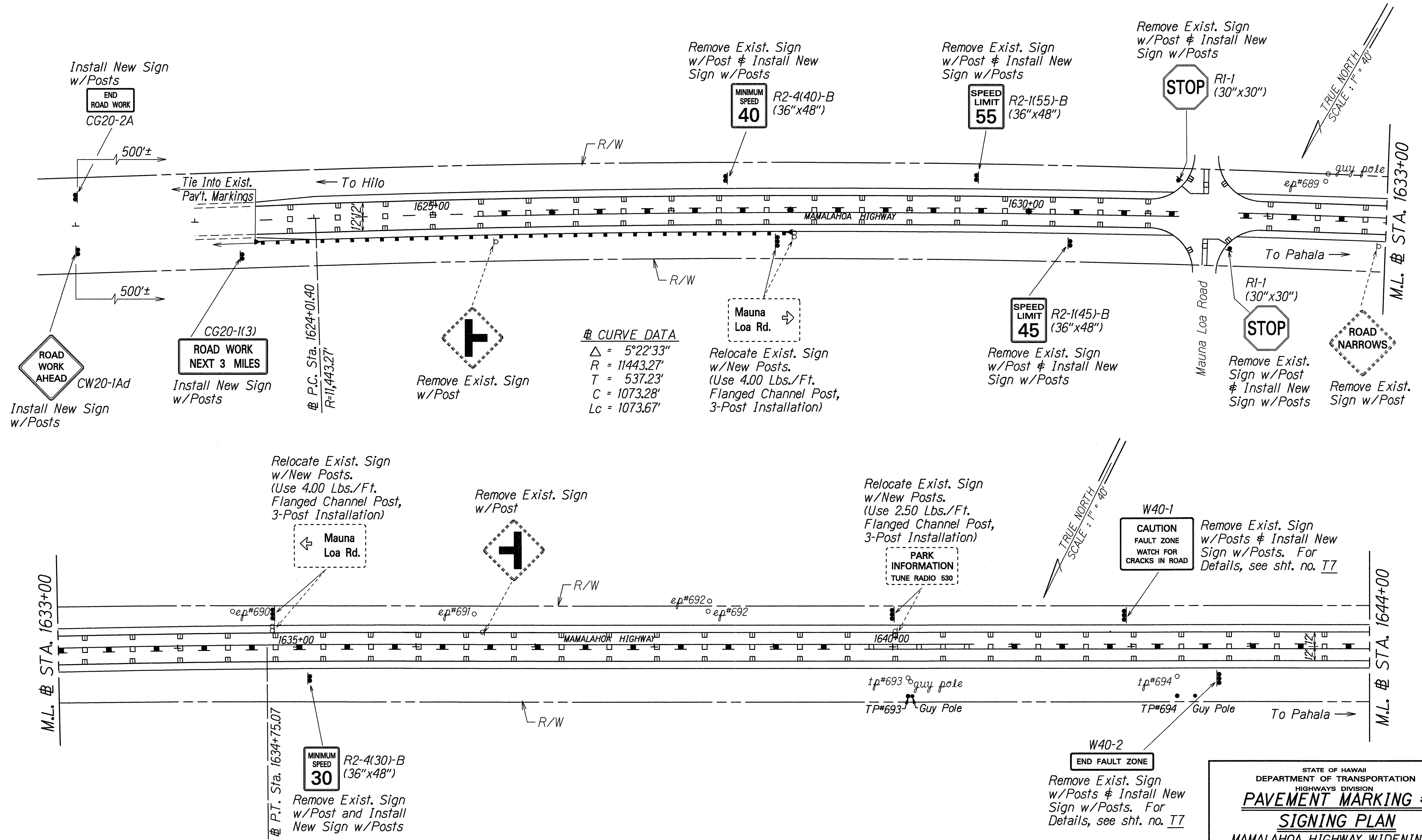


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(27)	1997	15	46

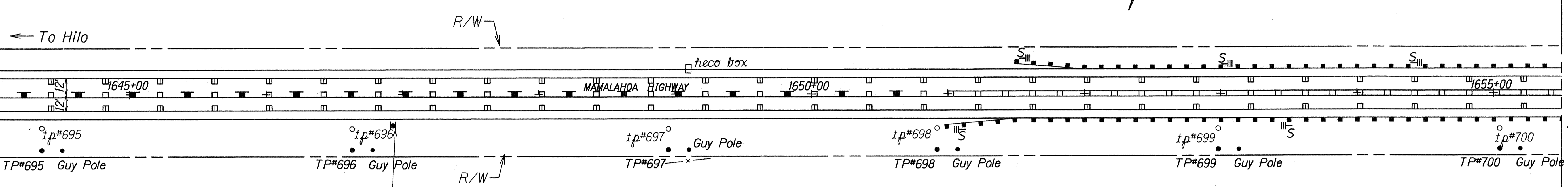


SURVEY PLOTTED BY	DATE
DRAWN BY	1/23/97
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NO. SHEETS	
CHECKED BY	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PAVEMENT MARKING & SIGNING PLAN
 MAMALAHOA HIGHWAY WIDENING
 Hawaii Volcanoes National Park
 M.P. 30.53 to M.P. 33.30
 Fed. Aid Project No. FLH-011-2(27)
 Scale: 1"=40' Date: Jan, 1997
 SHEET No. T2 OF 8 SHEETS

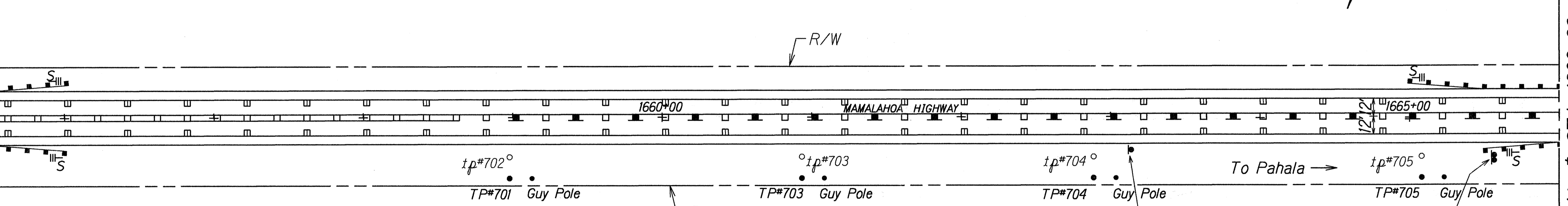
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(27)	1997	16	46

M.L. # STA. 1644+00



D10-2 **MILE 3 1**
 D10-7 **11**
 Remove Exist. Sign w/Posts & Install New Sign w/Post. (Bi-Directional)

M.L. # STA. 1655+50



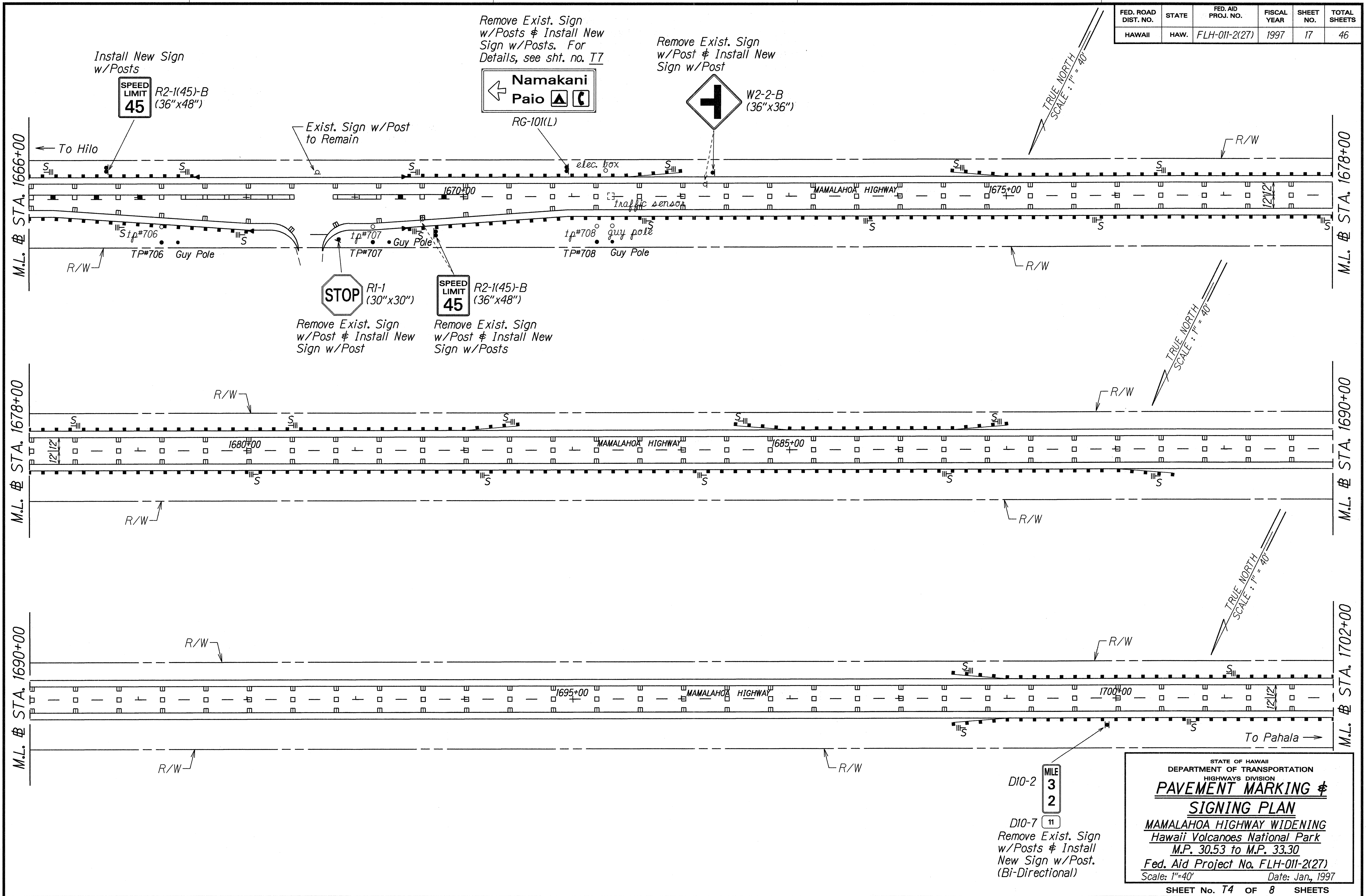
W2-2-B
 (36"x36")
 Remove Exist. Sign w/Post & Install New Sign w/Post

RG-101(R)
Namakani
Paio
 Remove Exist. Sign w/Posts & Install New Sign w/Posts. For Details, see sht. no. T7

STATE OF HAWAII
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 MAMALAHOA HIGHWAY WIDENING
 Hawaii Volcanoes National Park
 M.P. 30.53 to M.P. 33.30
 Fed. Aid Project No. FLH-011-2(27)
 Scale: 1"=40' Date: Jan., 1997

DATE	BY
8/22/96	...
SURVEY PLOTTED BY	...
DRAWN BY	...
TRACED BY	...
NOTE BOOK	...
QUANTITIES BY	...
CHECKED BY	...

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(27)	1997	17	46

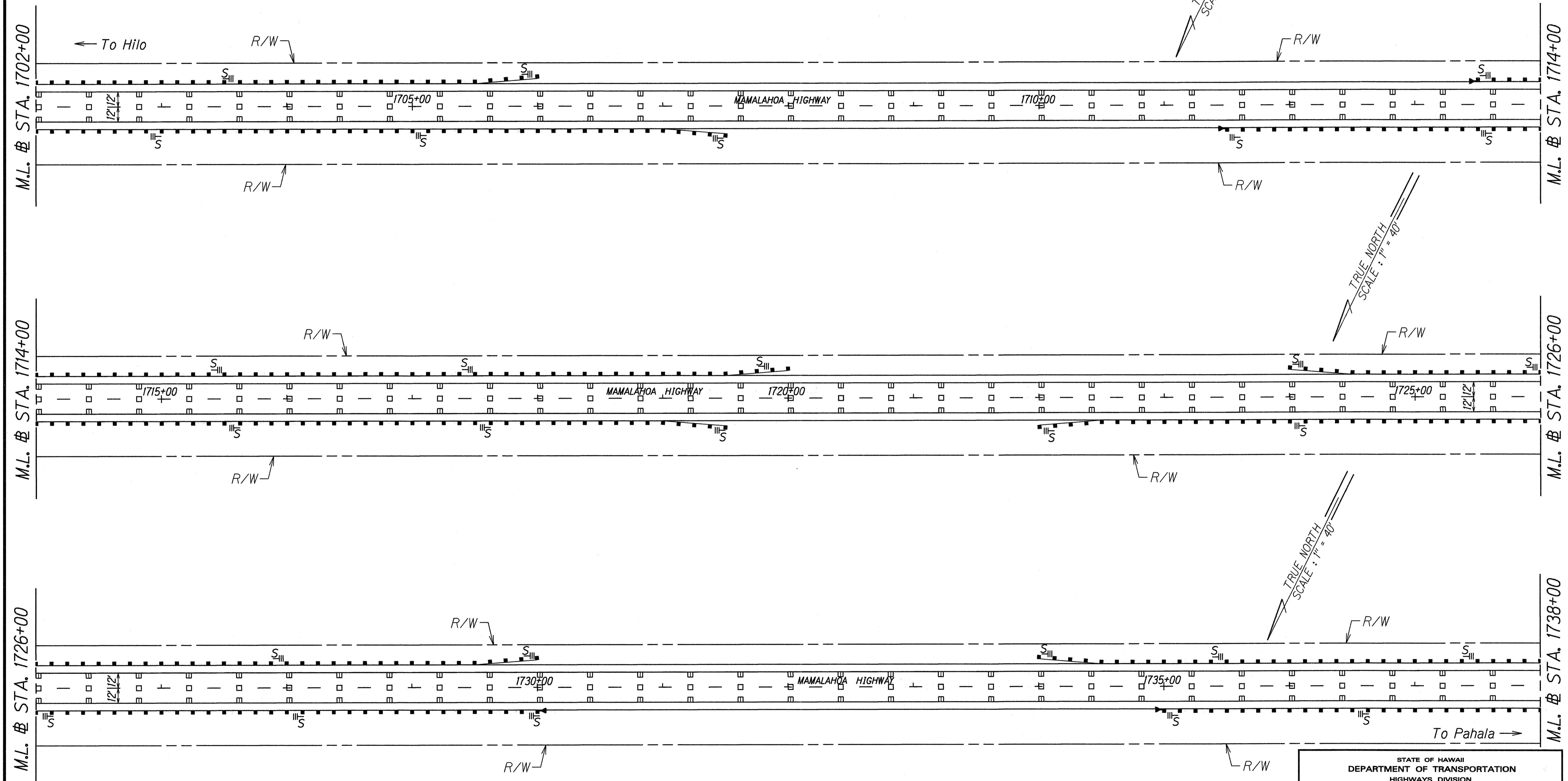


SURVEY PLOTTED BY: DATE: 2/23/98
 DRAWN BY: E. Achi
 TRACED BY: C. Aha / G. K. K. K.
 QUANTITIES BY: Ruby
 CHECKED BY: N. S. S. S.

D10-2 MILE 3 2
 D10-7 11
 Remove Exist. Sign w/Posts & Install New Sign w/Post. (Bi-Directional)

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PAVEMENT MARKING & SIGNING PLAN
 MAMALAHOA HIGHWAY WIDENING
 Hawaii Volcanoes National Park
 M.P. 30.53 to M.P. 33.30
 Fed. Aid Project No. FLH-011-2(27)
 Scale: 1"=40' Date: Jan., 1997
 SHEET No. T4 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(27)	1997	18	46



SURVEY PLOTTED BY	DATE
DRAWN BY E. A. G.	2/23/98
TRACED BY C. A. G.	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No. 20000000	

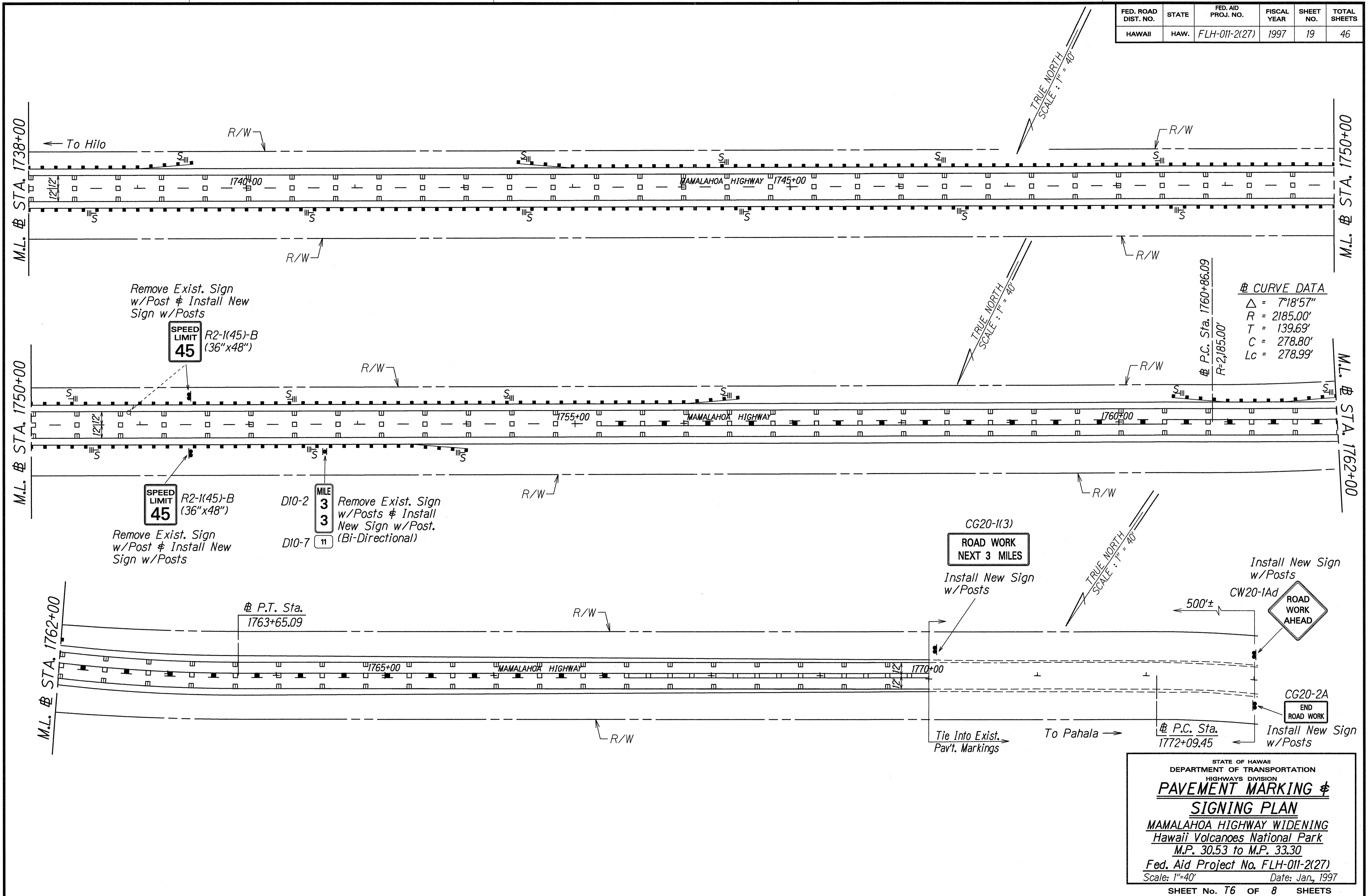
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

MAMALAHOA HIGHWAY WIDENING
Hawaii Volcanoes National Park
M.P. 30.53 to M.P. 33.30
Fed. Aid Project No. FLH-011-2(27)
Scale: 1"=40' Date: Jan., 1997

SHEET No. T5 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(27)	1997	19	46



CURVE DATA

Δ	= 7°18'57"
R	= 2185.00'
T	= 139.69'
C	= 278.80'
Lc	= 278.99'

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

MAMALAHOA HIGHWAY WIDENING
Hawaii Volcanoes National Park
M.P. 30.53 to M.P. 33.30
Fed. Aid Project No. FLH-011-2(27)
Scale: 1"=40' Date: Jan., 1997

SHEET No. T6 OF 8 SHEETS