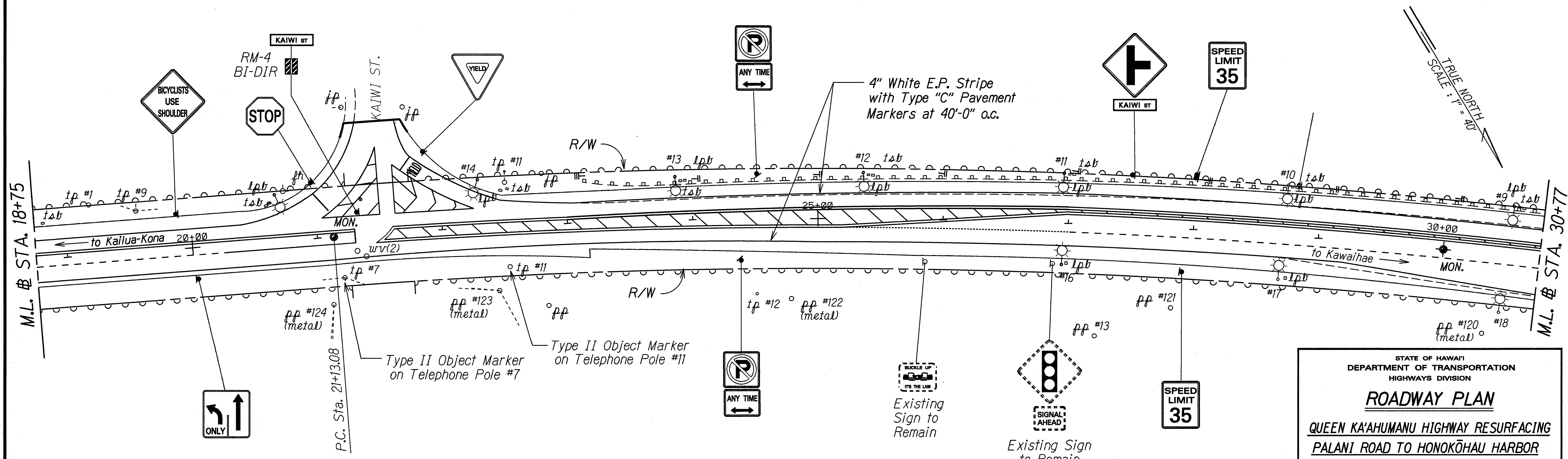
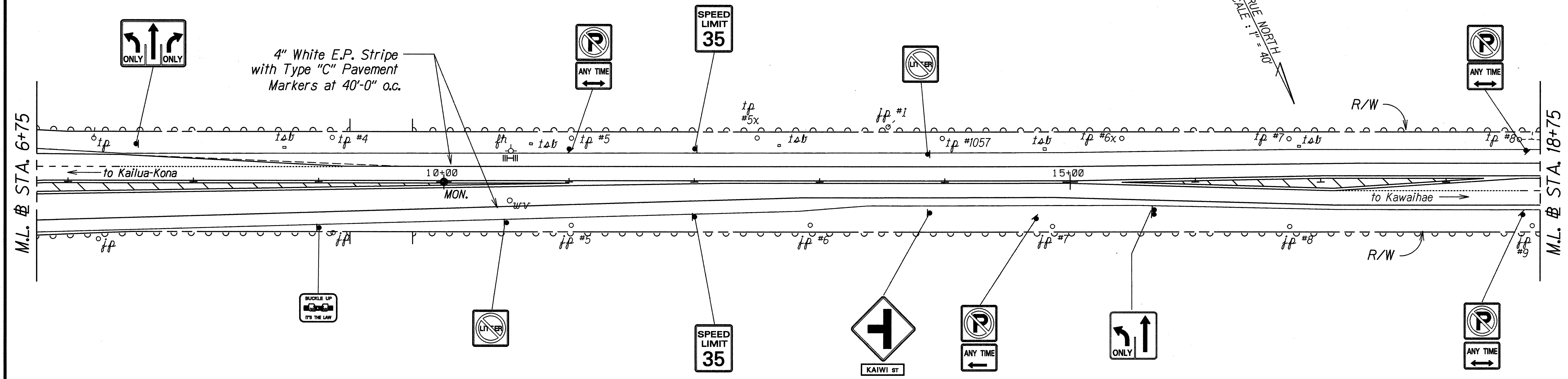


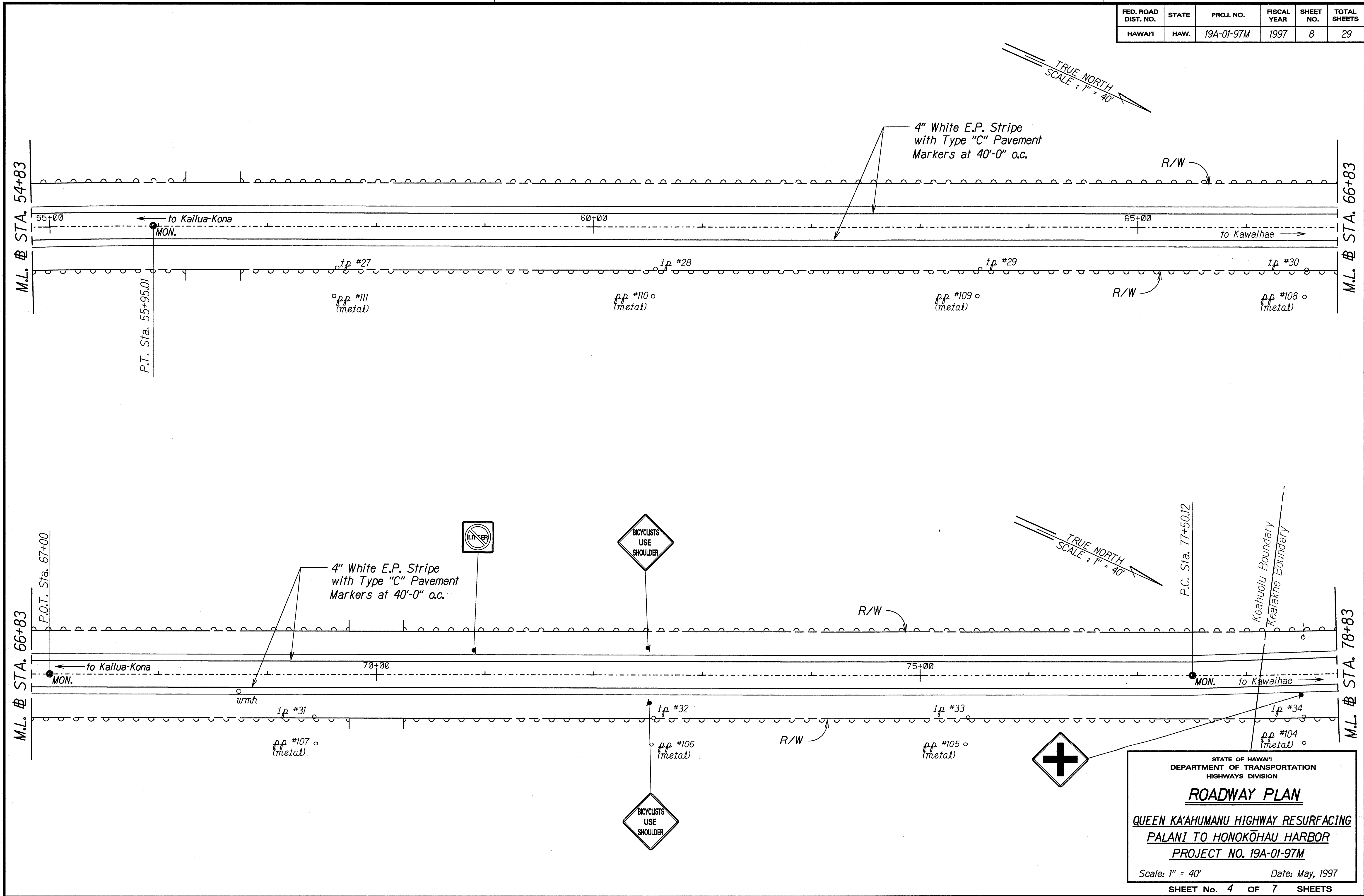
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19A-01-97M	1997	6	29



SURVEY PLOTTED BY: DATE: 5/12/97
 DRAWN BY: P. Mord
 CHECKED BY: J. H. H.
 ORIGINAL PLAN: hwy/leat/ick
 NOTES: hwy/leat/ick
 SCALE: 1" = 40'

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN
 QUEEN KA'AHUMANU HIGHWAY RESURFACING
 PALANI ROAD TO HONOKOHAU HARBOR
 PROJECT NO. 19A-01-97M
 Scale: 1" = 40' Date: May, 1997
 SHEET No. 2 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19A-01-97M	1997	8	29



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY (P. Wong)	5/12/97
NOTES BOOK	CHECKED BY (HWH)	
NOTES BOOK	QUANTITIES BY	
NOTES BOOK	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

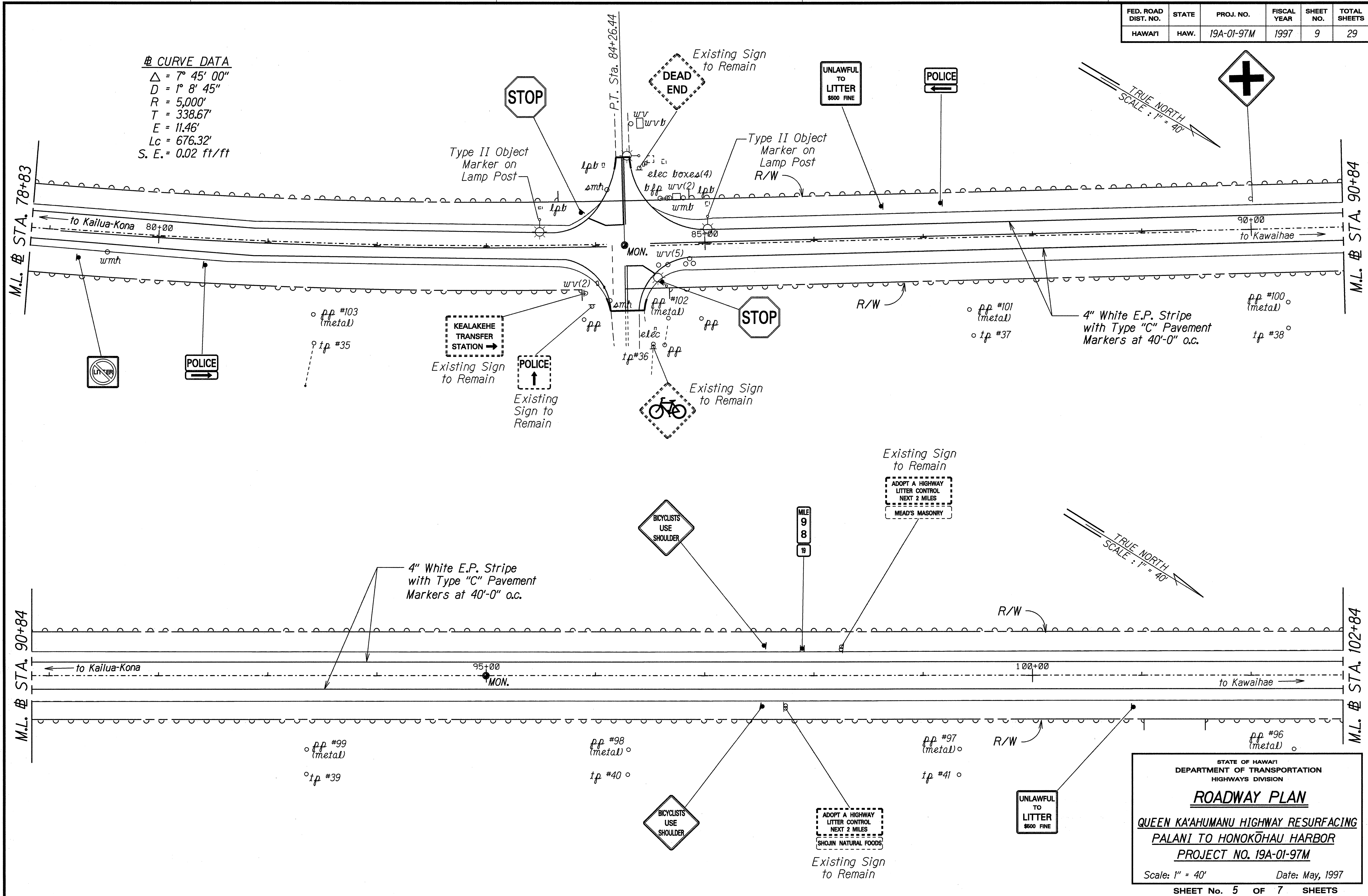
QUEEN KA'AHUMANU HIGHWAY RESURFACING
PALANI TO HONOKOHAU HARBOR
PROJECT NO. 19A-01-97M

Scale: 1" = 40' Date: May, 1997

SHEET No. 4 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19A-01-97M	1997	9	29

CURVE DATA
 $\Delta = 7^{\circ} 45' 00''$
 $D = 1^{\circ} 8' 45''$
 $R = 5,000'$
 $T = 338.67'$
 $E = 11.46'$
 $L_c = 676.32'$
 $S. E. = 0.02 \text{ ft/ft}$



ORIGINAL PLAN
 SURVEY PLOTTED BY
 DRAWN BY
 DESIGNED BY
 CHECKED BY
 DATE: 5/12/97

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN

QUEEN KA'AHUMANU HIGHWAY RESURFACING
 PALANI TO HONOKOHAU HARBOR
 PROJECT NO. 19A-01-97M

Scale: 1" = 40' Date: May, 1997

SHEET No. 5 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19A-01-97M	1997	10	29

