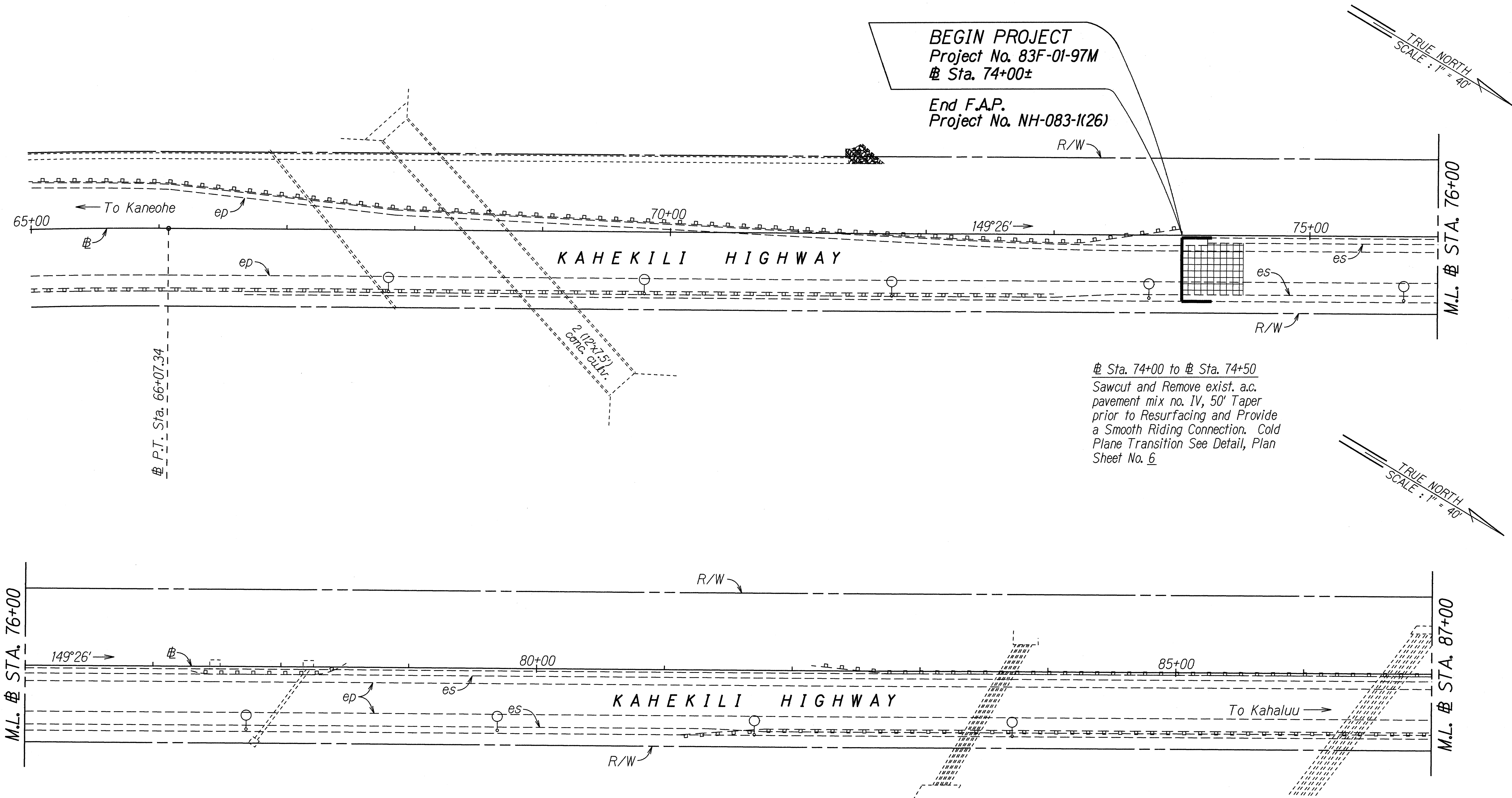


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-01-97M	1997	11	28



Sta. 74+00 to Sta. 74+50
Sawcut and Remove exist. a.c. pavement mix no. IV, 50' Taper prior to Resurfacing and Provide a Smooth Riding Connection. Cold Plane Transition See Detail, Plan Sheet No. 6

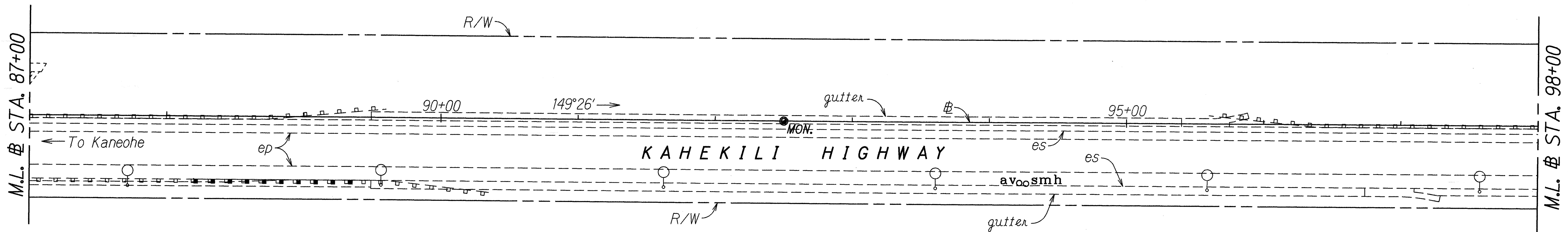
ORIGINAL PLAN	SURVEY PLATTED BY	DATE
NOTE BOOK	DRAWN BY	3-25-97
008.57ew	TRACED BY	5-16-97
No. 21116p01	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

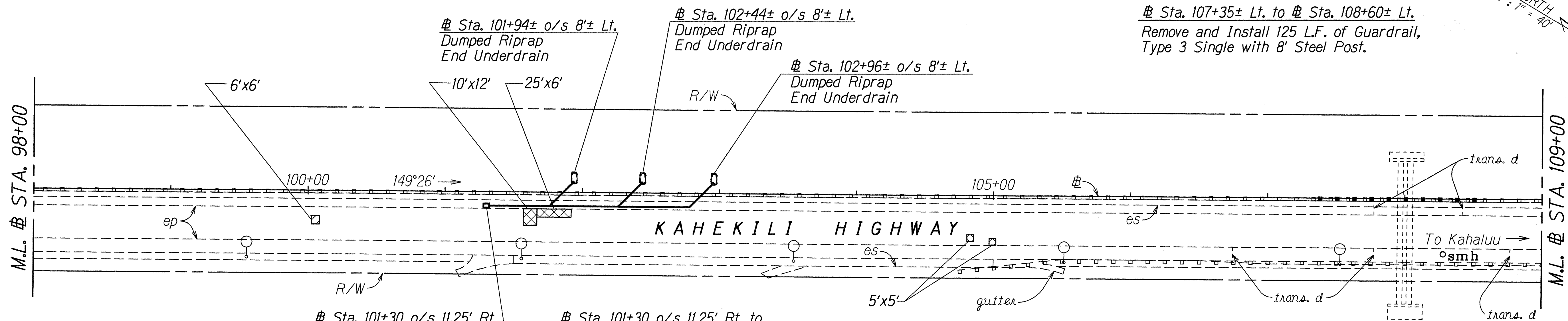
PLAN
KAHEKILI HIGHWAY RESURFACING
Haiku Rd. to Kahaluu Stream Bridge
Project No. 83F-01-97M
Scale: 1" = 40'

Date: May, 1997
SHEET No. 1 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-01-97M	1997	12	28



Sta. 88+20± Rt. to # Sta. 89+45± Rt.
Remove and Install 125 L.F. of Guardrail,
Type 3 Single with 8' Steel Post.



Sta. 101+94± o/s 8± Lt.
Dumped Riprap
End Underdrain

Sta. 102+44± o/s 8± Lt.
Dumped Riprap
End Underdrain

Sta. 102+96± o/s 8± Lt.
Dumped Riprap
End Underdrain

Sta. 107+35± Lt. to # Sta. 108+60± Lt.
Remove and Install 125 L.F. of Guardrail,
Type 3 Single with 8' Steel Post.

Sta. 101+30 o/s 11.25' Rt.
Underdrain Cleanout
Begin Underdrain

Sta. 101+30 o/s 11.25' Rt. to
Sta. 102+96± o/s 8± Lt.
Install: Underdrain Cleanout
(For details see Plan Sht. No. 8)
Underdrain
Dumped Riprap
(For details see Plan Sht. No. 8)

Estimated Quantities
Underdrain = 236 L.F.
6" Perforated Pipe = 236 L.F.
6" Nonperforated Pipe = 15 L.F.
Underdrain Cleanout = 1 Ea.
Dumped Riprap = 3 C.Y.

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

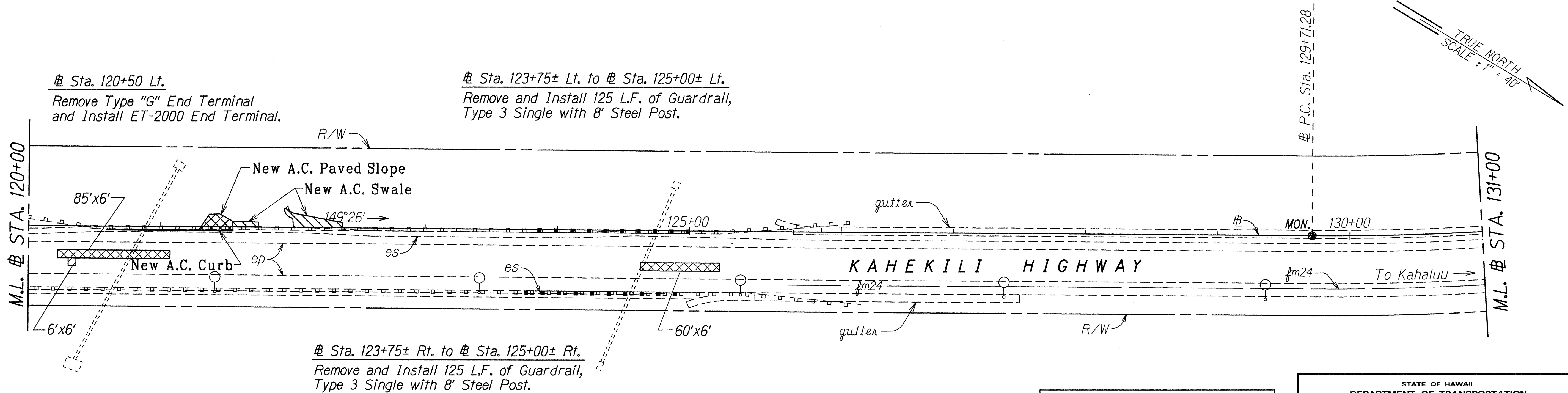
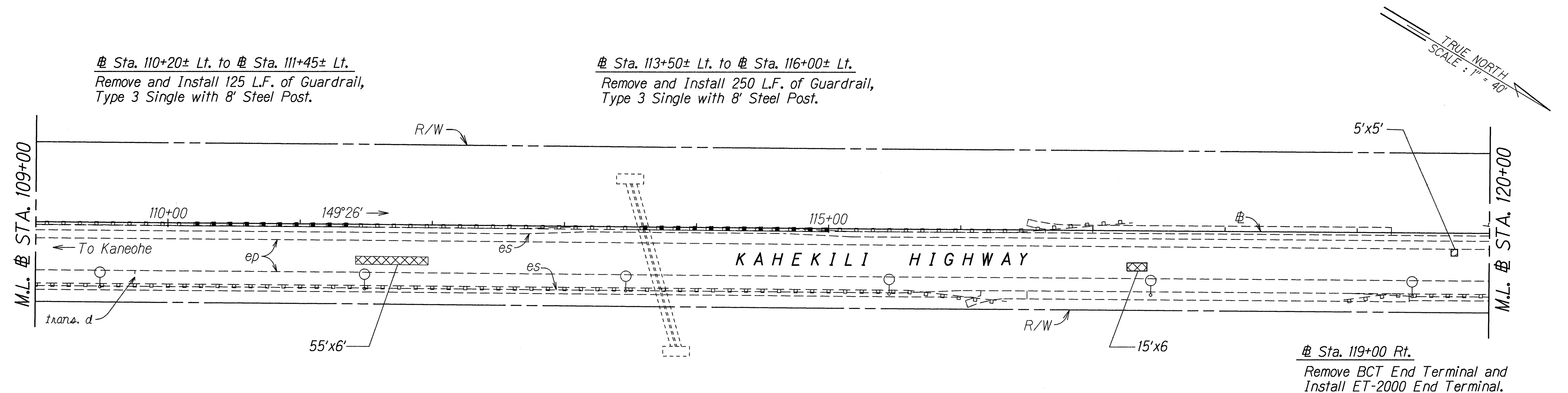
KAHEKILI HIGHWAY RESURFACING
Haiku Rd. to Kahaluu Stream Bridge
Project No. 83F-01-97M

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

SHEET No. 2 OF 8 SHEETS

ORIGINAL PLAN	DATE 1/27/97
DESIGNED BY SJA	TRACED BY SJA
QUANTITIES BY SJA	CHECKED BY SJA
IN CHARGE	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-01-97M	1997	13	28



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

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

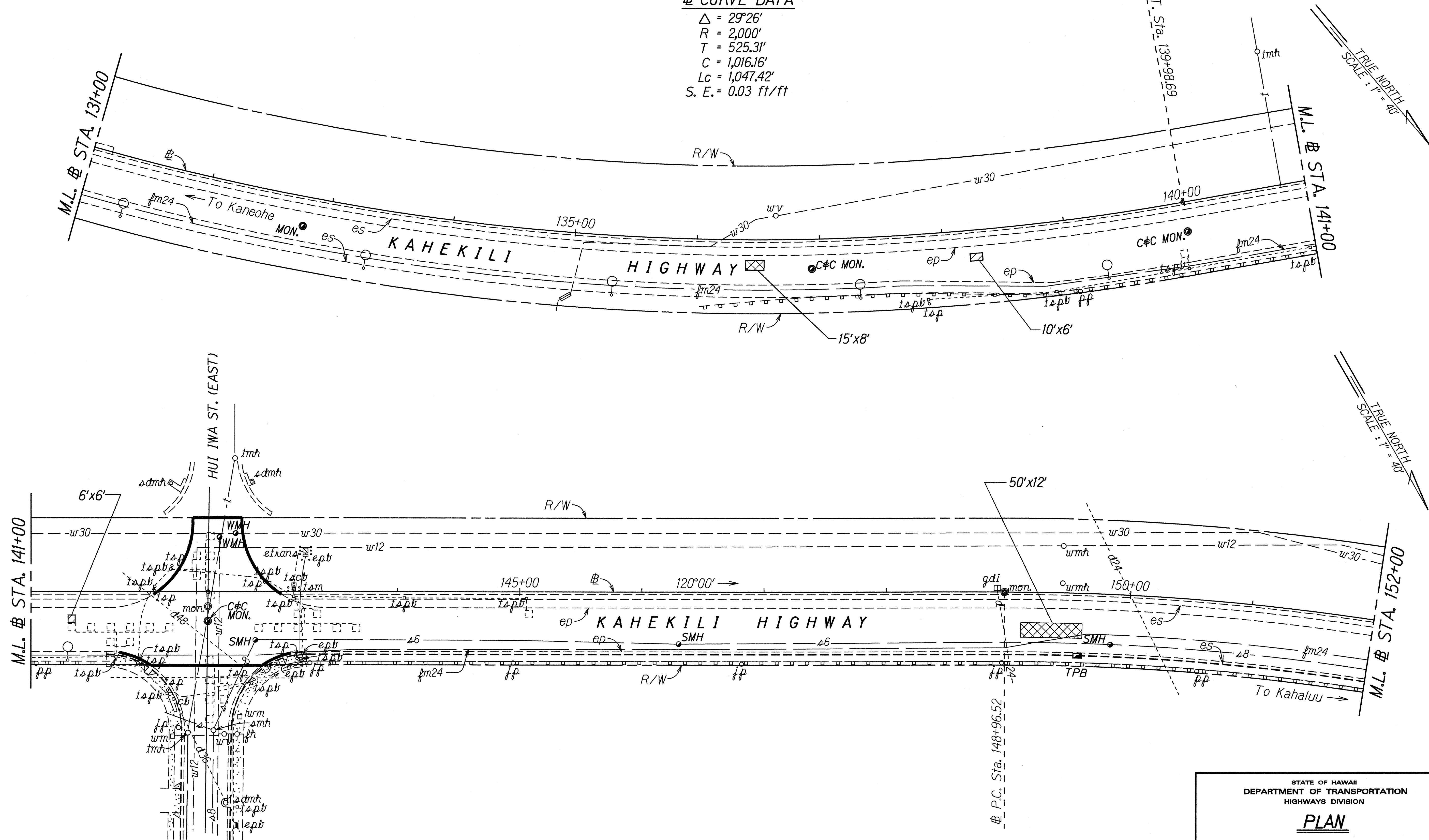
KAHEKILI HIGHWAY RESURFACING
 Haiku Rd. to Kahaluu Stream Bridge
 Project No. 83F-01-97M

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

SHEET No. 3 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-01-97M	1997	14	28

¢ CURVE DATA

$$\begin{aligned}\Delta &= 29^{\circ}26' \\ R &= 2,000' \\ T &= 525.31' \\ C &= 1,016.16' \\ L_c &= 1,047.42' \\ S. E. &= 0.03 \text{ ft/ft}\end{aligned}$$


ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY <u>S.W./M.H./P. Wong</u>	<u>1-27-97</u>
dd8.stew	DESIGNED BY <u>S.U.</u>	<u>5-16-97</u>
2nhd004	QUANTITIES BY _____	_____
	CHECKED BY _____	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

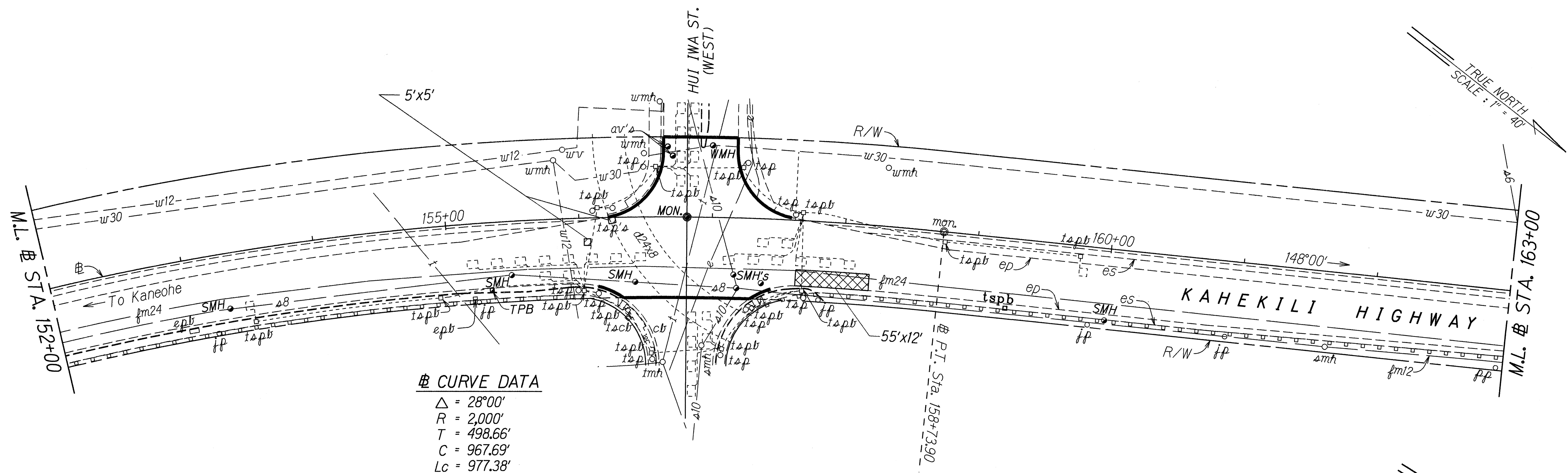
PLAN

KAHEKILI HIGHWAY RESURFACING
Haiku Rd. to Kahaluu Stream Bridge

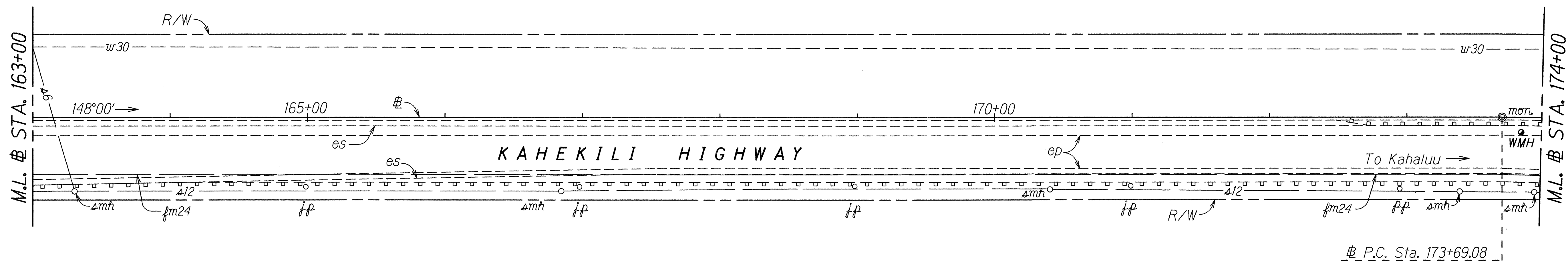
Scale: 1" = 40' Date: May, 1997

SHEET No. 4 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-01-97M	1997	15	28



Sta. 172+50 Lt.
Remove Type "G" End Terminal
and Install SRT-350 End Terminal.

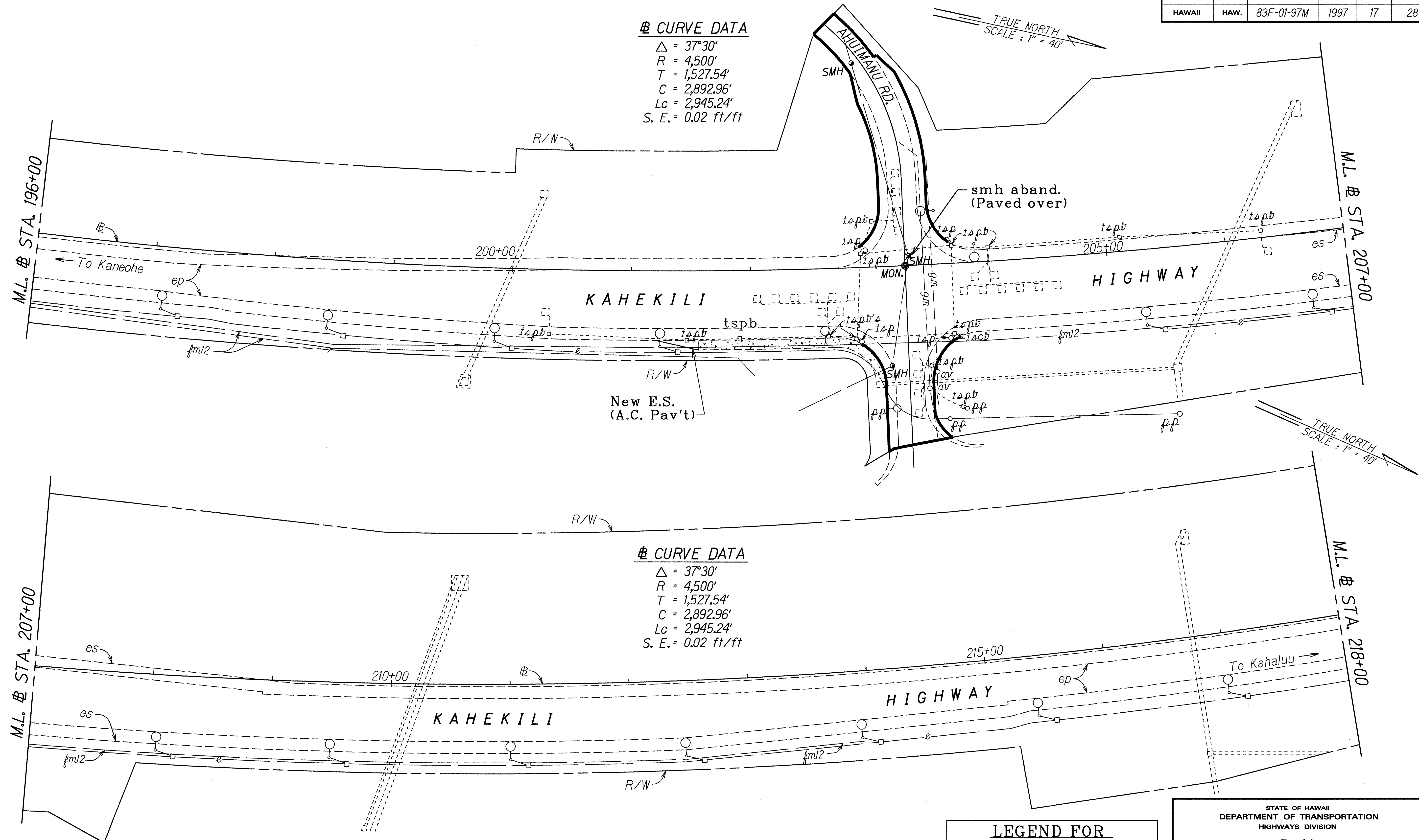


ORIGINAL PLAN	DATE
DESIGNED BY	3-29-97
DRAWN BY	5-16-97
CHECKED BY	
NOTES BOOK	
QUANTITIES BY	
CHECKED BY	

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PLAN	
KAHEKILI HIGHWAY RESURFACING HAIKU ROAD TO KAHALUU STREAM BRIDGE	
Project No. 83F-01-97M	
Scale: 1" = 40'	Date: May, 1997
SHEET No. 5 OF 8 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-01-97M	1997	17	28



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	12/97
DRAWN BY	SM/MH/P. Wang
NOTES BOOK	5/98
QUANTITIES BY	
CHECKED BY	

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

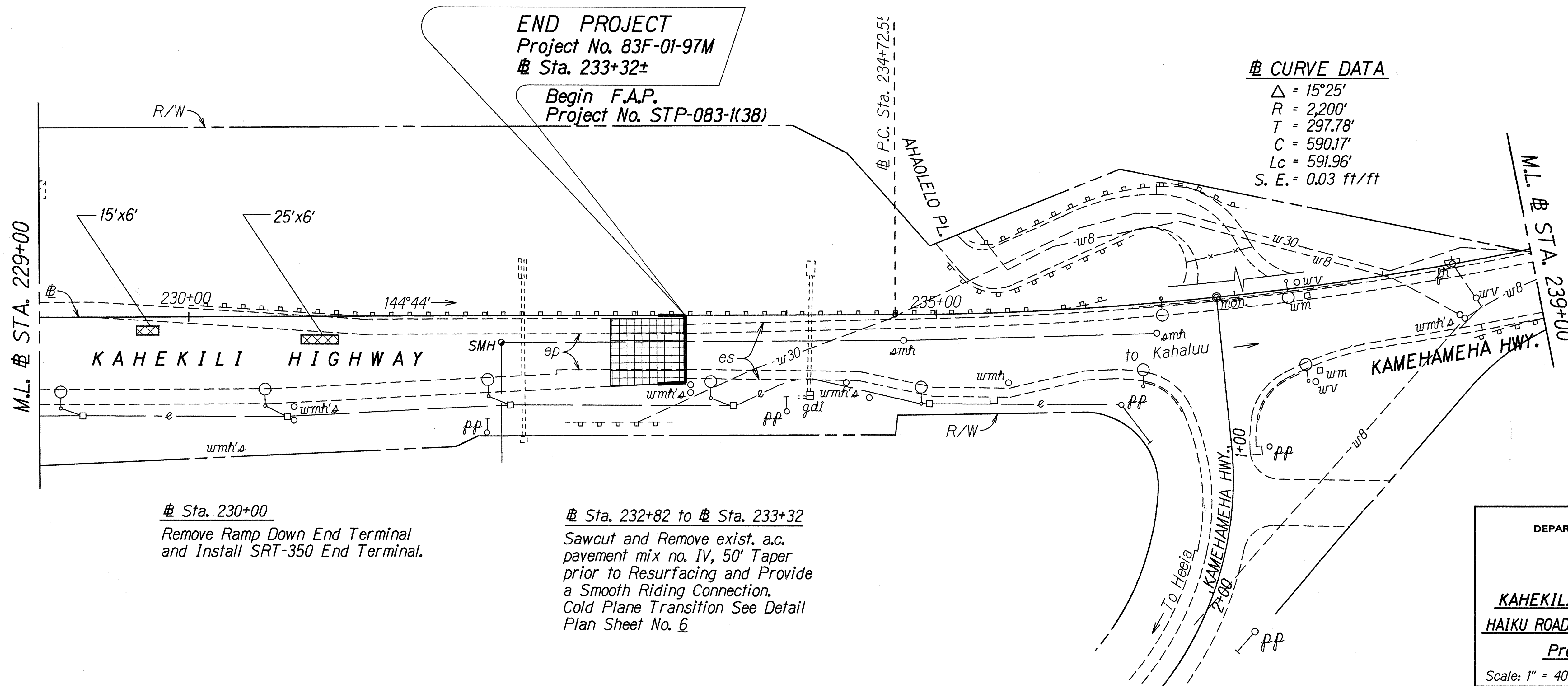
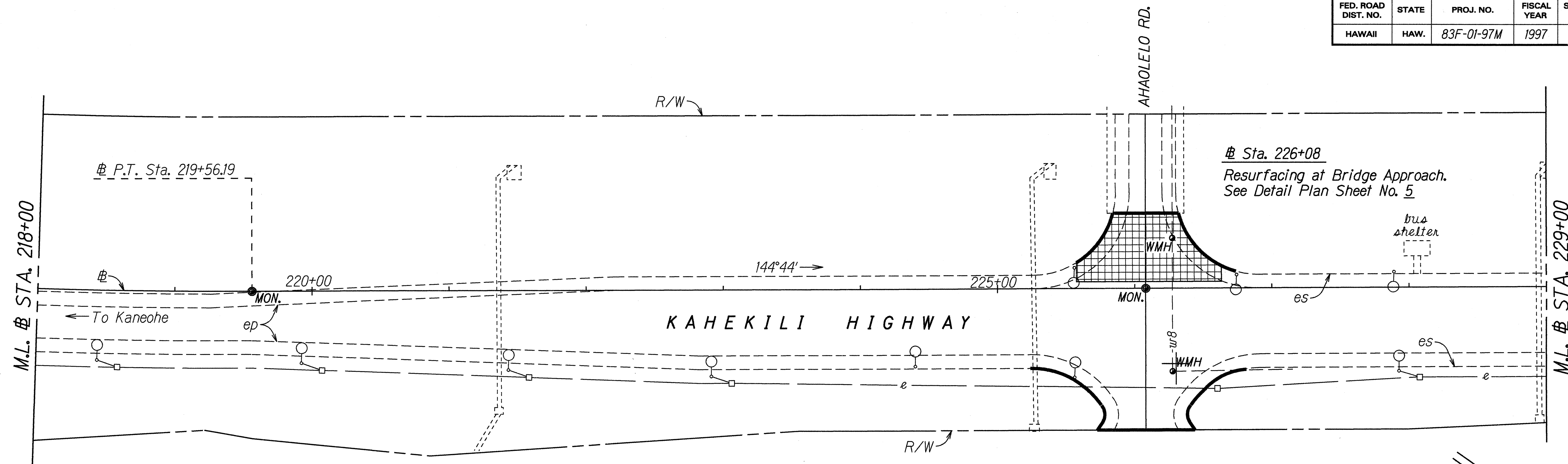
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

KAHEKILI HIGHWAY RESURFACING
HAIKU ROAD TO KAHALUU STREAM BRIDGE
Project No. 83F-01-97M
Scale: 1" = 40' Date: May, 1997

SHEET No. 7 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-01-97M	1997	18	28



Curve Data
 $\Delta = 15^\circ 25'$
 $R = 2,200'$
 $T = 297.78'$
 $C = 590.17'$
 $L_c = 591.96'$
 $S. E. = 0.03 \text{ ft/ft}$

ORIGINAL PLAN	DATE
SURVEYED BY	1-27-97
DRAWN BY	5-19-97
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	
BY	
DATE	
BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

KAHEKILI HIGHWAY RESURFACING
HAIKU ROAD TO KAHALUU STREAM BRIDGE
Project No. 83F-01-97M

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

SHEET No. 8 OF 8 SHEETS