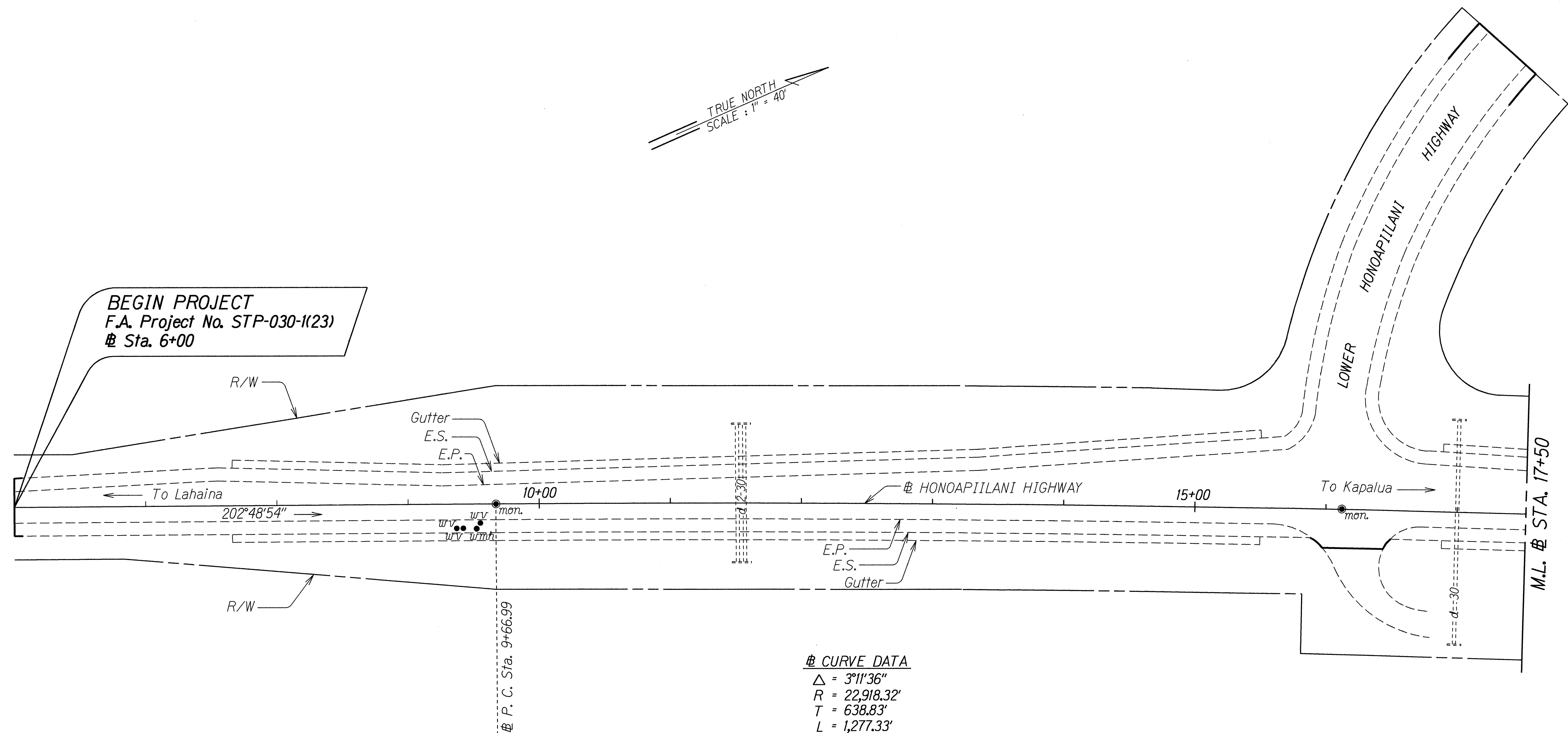


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(23)	1994	11	27



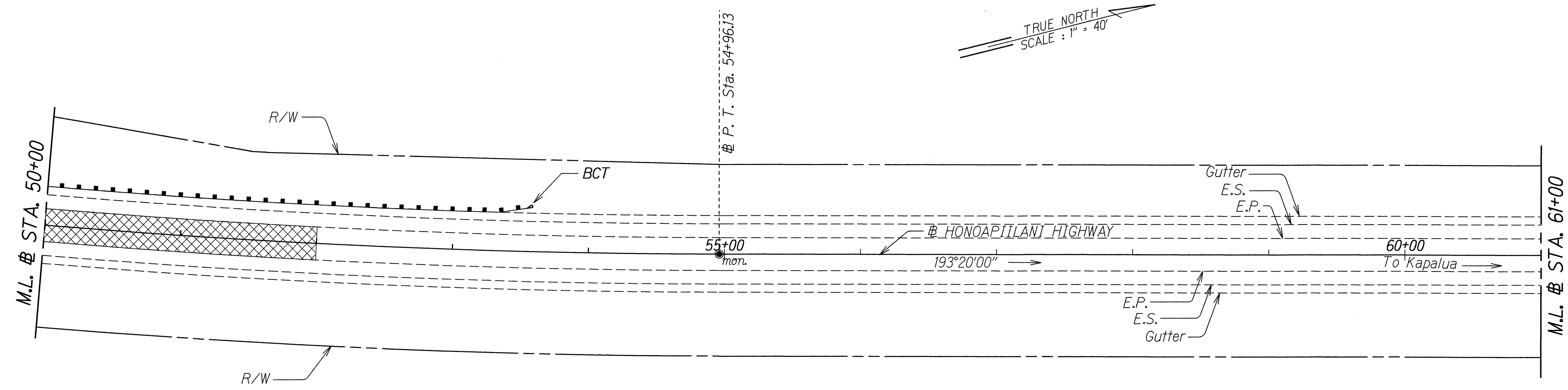
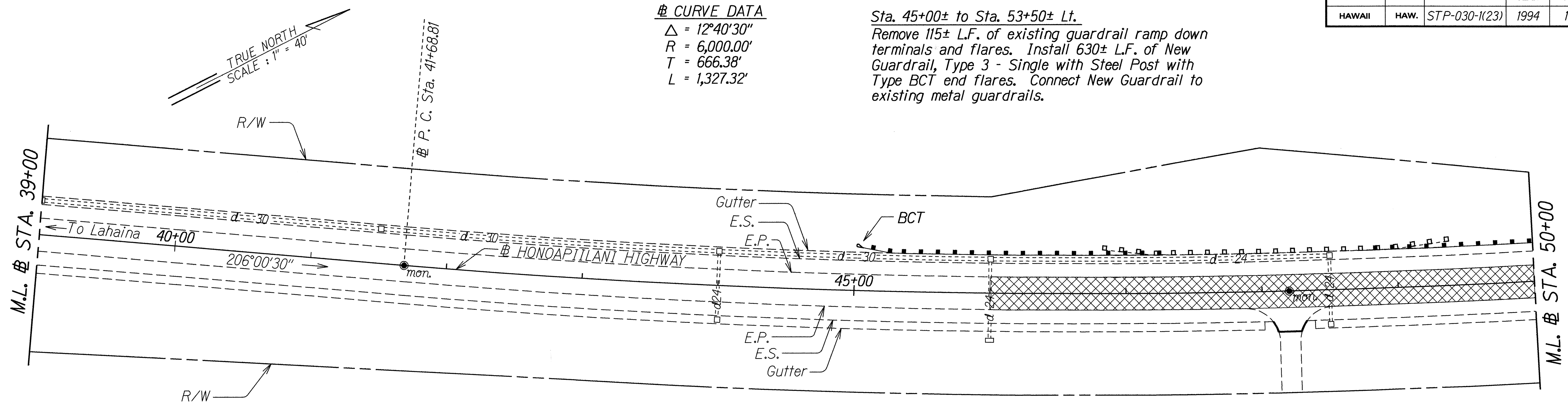
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY J. Garcia	Sept. 1994
DESIGNED BY	DESIGNED BY	
QUANTITIES BY	QUANTITIES BY	
CHECKED BY	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
HONOAPIILANI HIGHWAY RESURFACING
Honokowai to Kahana
F.A. Project No. STP-030-1(23)
Scale: 1" = 40' Date: March, 1994
SHEET No. 1 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-K(23)	1994	13	27

CURVE DATA
 $\Delta = 12^{\circ}40'30''$
 $R = 6,000.00'$
 $T = 666.38'$
 $L = 1,327.32'$

Sta. 45+00± to Sta. 53+50± Lt.
 Remove 115± L.F. of existing guardrail ramp down terminals and flares. Install 630± L.F. of New Guardrail, Type 3 - Single with Steel Post with Type BCT end flares. Connect New Guardrail to existing metal guardrails.



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY J. GUILLOT	Sept. 1992
6/10/93/3.dgn	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HONOAPIILANI HIGHWAY RESURFACING

Honokowai to Kahana

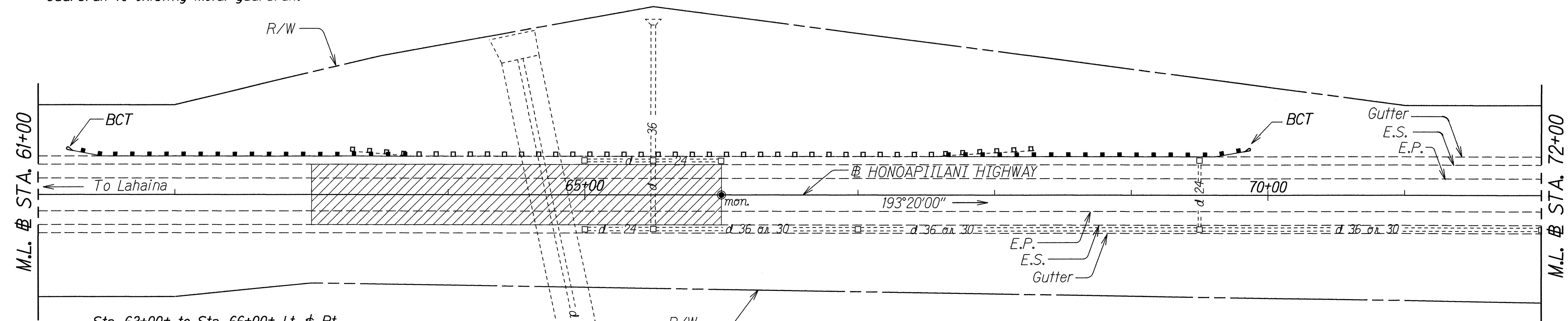
F.A. Project No. STP-030-K(23)

Scale: 1" = 40'
Date: March, 1994

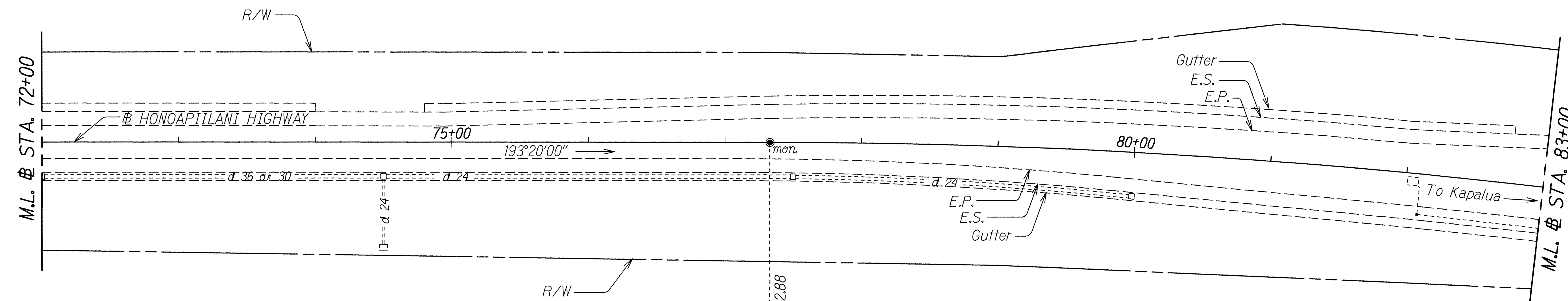
SHEET No. 3 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(23)	1994	14	27

Sta. 61+20± to Sta. 69+80± Lt.
Remove 115± L.F. of existing guardrail ramp down terminal and flare. Install 425± L.F. of New Guardrail, Type 3 - Single with Steel Post with Type BCT end flares. Connect New Guardrail to existing metal guardrail.



Sta. 63+00± to Sta. 66+00± Lt. & Rt.
Fill depression with Asphalt Concrete Base Course in 6" lifts. Final grade to be determined in the field by the Engineer.
Demolish and remove existing concrete gutter. Backfill & Compact and Install New Concrete Gutter, Type 2 (61616). Finish elevation shall be determined in the field by the Engineer. See Plan Sht. No. 5 for details.



CURVE DATA
 $\Delta = 17^{\circ}49'00''$
 $R = 5,000.00'$
 $T = 783.72'$
 $L = 1,554.80'$

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY J. GILLEN	Sept. 1993
DESIGNED BY	CHECKED BY	
6/10/94/4/9/9		

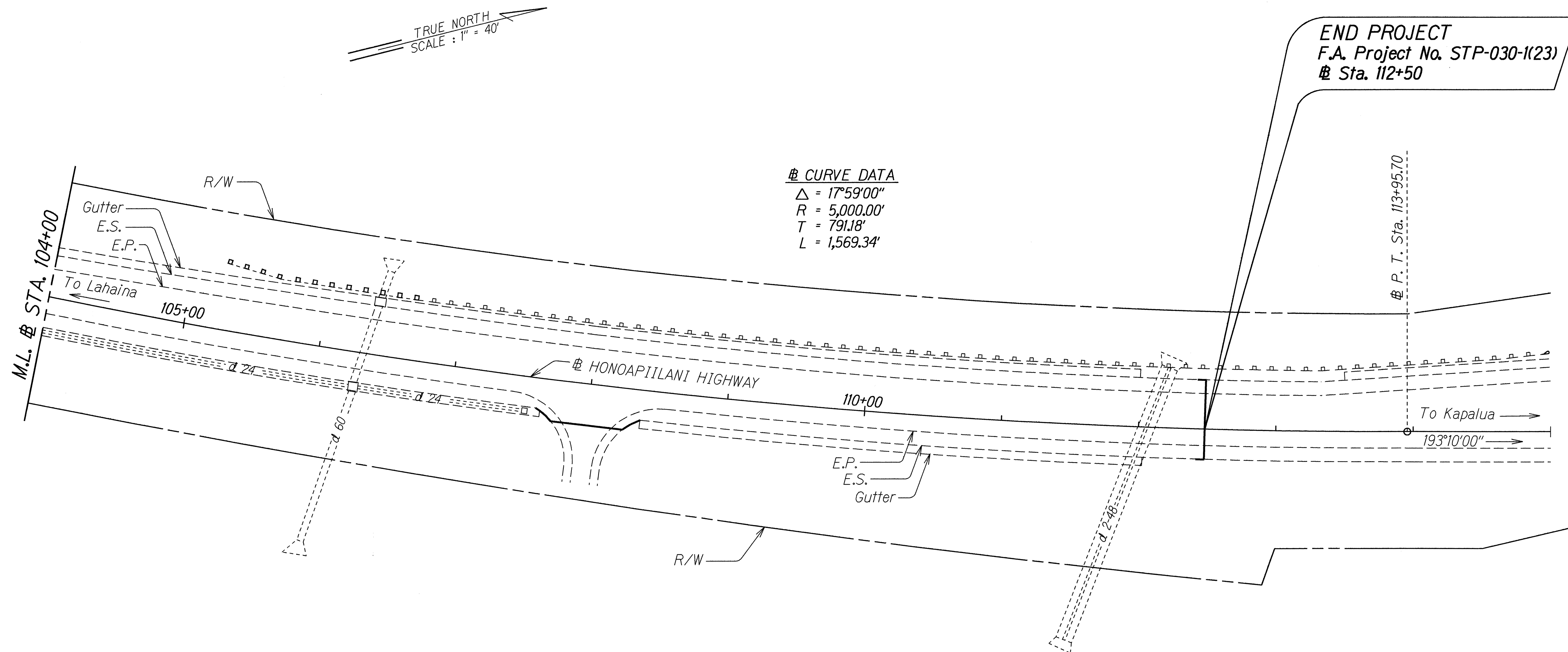
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HONOAPIʻILANI HIGHWAY RESURFACING
Honokowai to Kahana
F.A. Project No. STP-030-1(23)

Scale: 1" = 40'
Date: March, 1994

SHEET No. 4 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(23)	1994	16	27



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY J. GIBLIN	Sept. 1993
DESIGNED BY	CHECKED BY	
6/20/93		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HONOAPIILANI HIGHWAY RESURFACING
Honokowai to Kahana
F.A. Project No. STP-030-1(23)

Scale: 1" = 40' Date: March, 1994

SHEET No. 6 OF 6 SHEETS