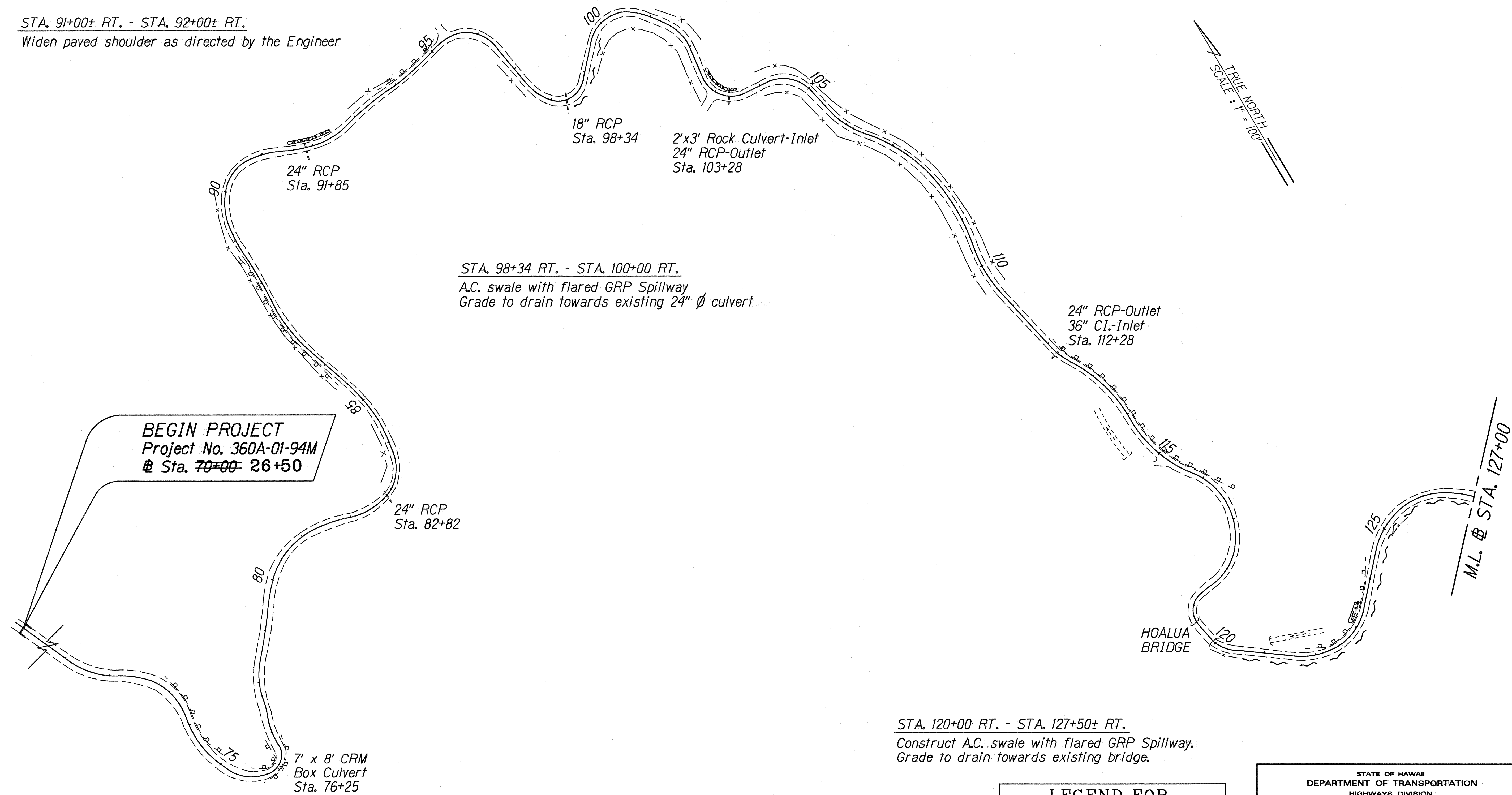


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-94M	1994	6	25

STA. 91+00± RT. - STA. 92+00± RT.
Widen paved shoulder as directed by the Engineer



STA. 120+00 RT. - STA. 127+50± RT.
Construct A.C. swale with flared GRP Spillway.
Grade to drain towards existing bridge.

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

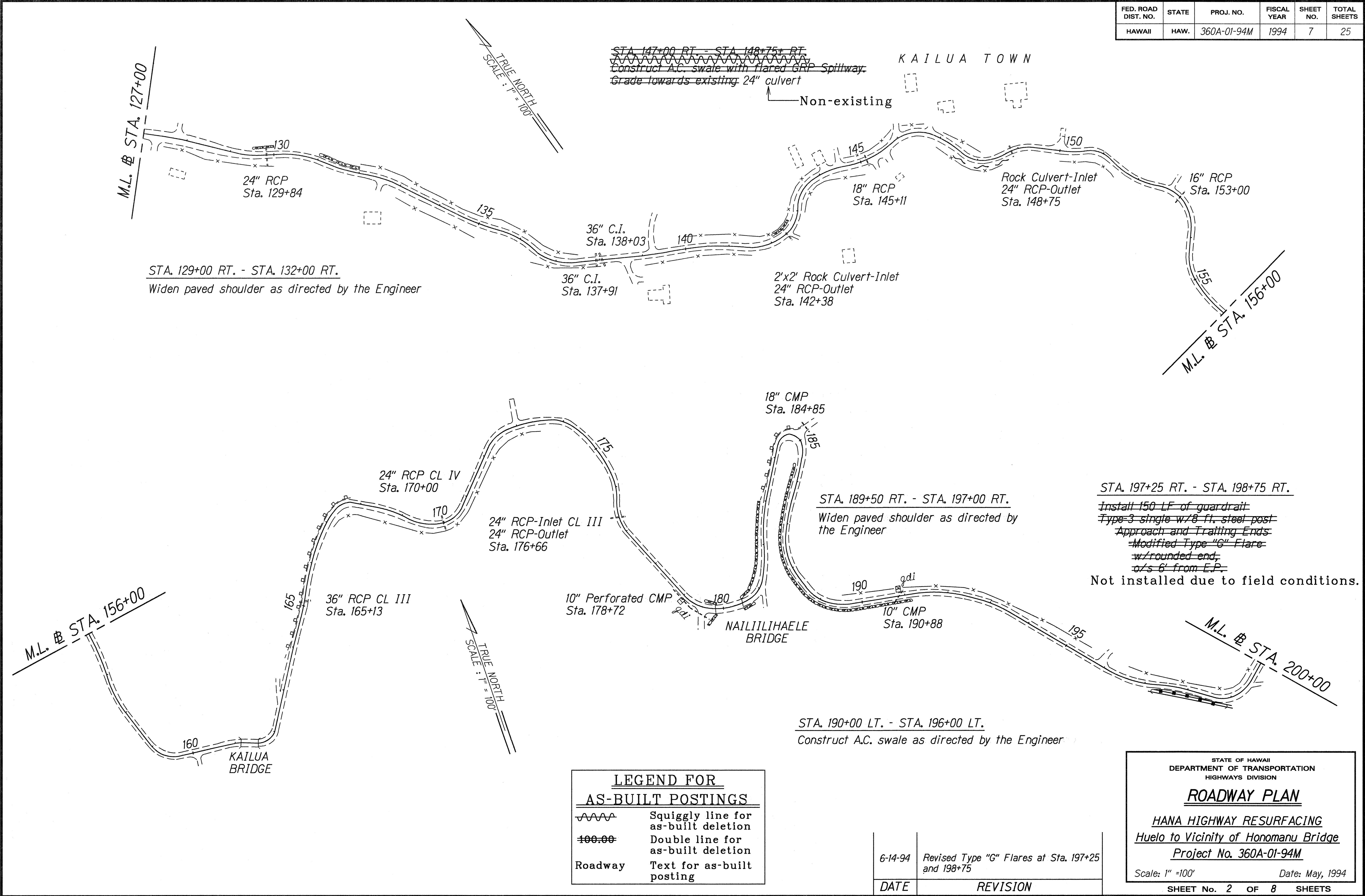
ROADWAY PLAN
HANA HIGHWAY RESURFACING
Huelo to Vicinity of Honomanu Bridge
Project No. 360A-01-94M
Scale: 1" = 100'

Date: May, 1994
SHEET No. 1 OF 8 SHEETS

DESIGNED BY	DATE
DRAWN BY	1993
CHECKED BY	
NOTED BY	
APPROVED BY	
REVISIONS	

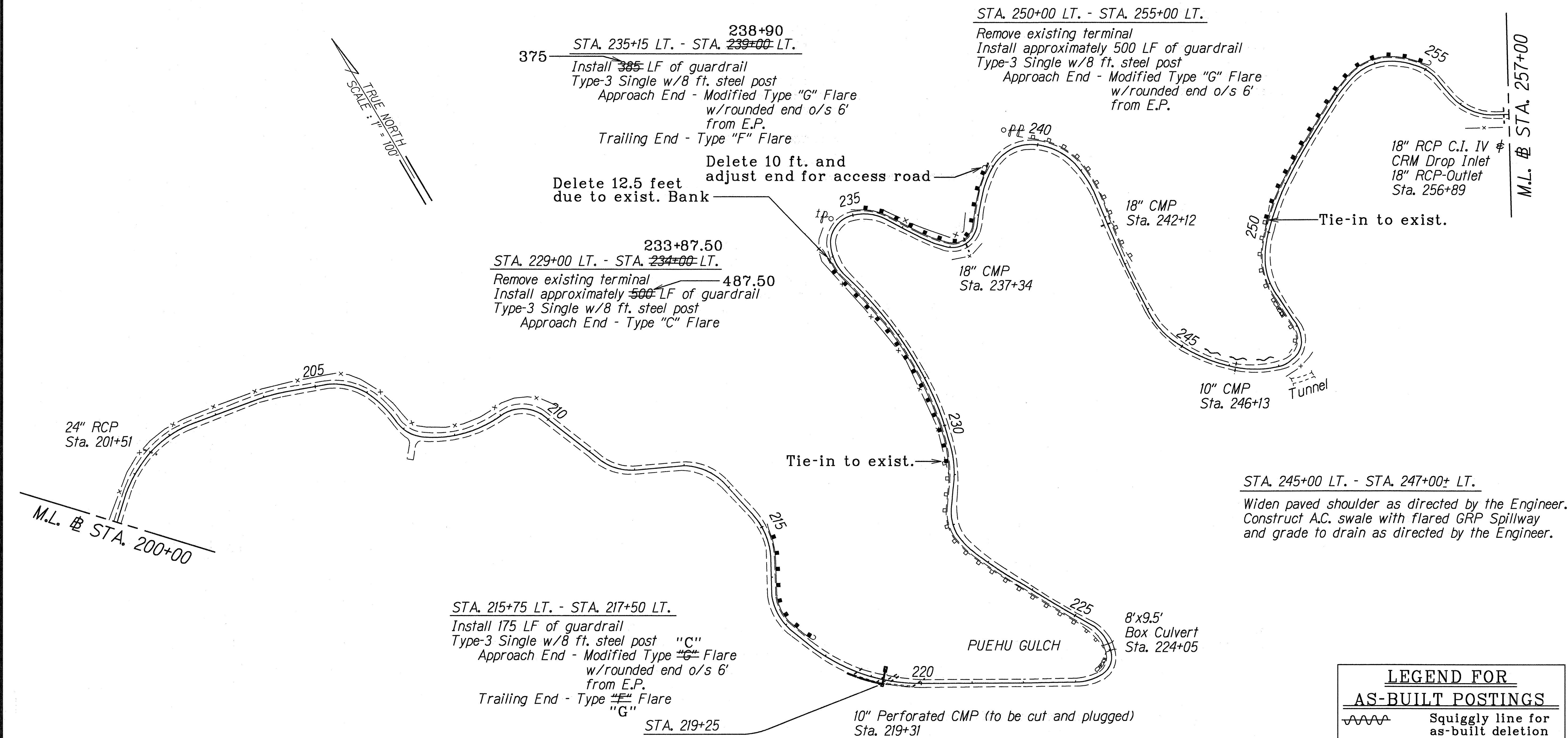
"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-94M	1994	7	25



DESIGNED BY	DATE
TRACED BY	Dec. 1993
QUANTITIES BY	
CHECKED BY	
IN CHARGE	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-94M	1994	8	25



DESIGNED BY	DATE
TRACED BY	DATE
DESIGNED BY	DATE
QUANTITIES BY	DATE
CHECKED BY	DATE

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

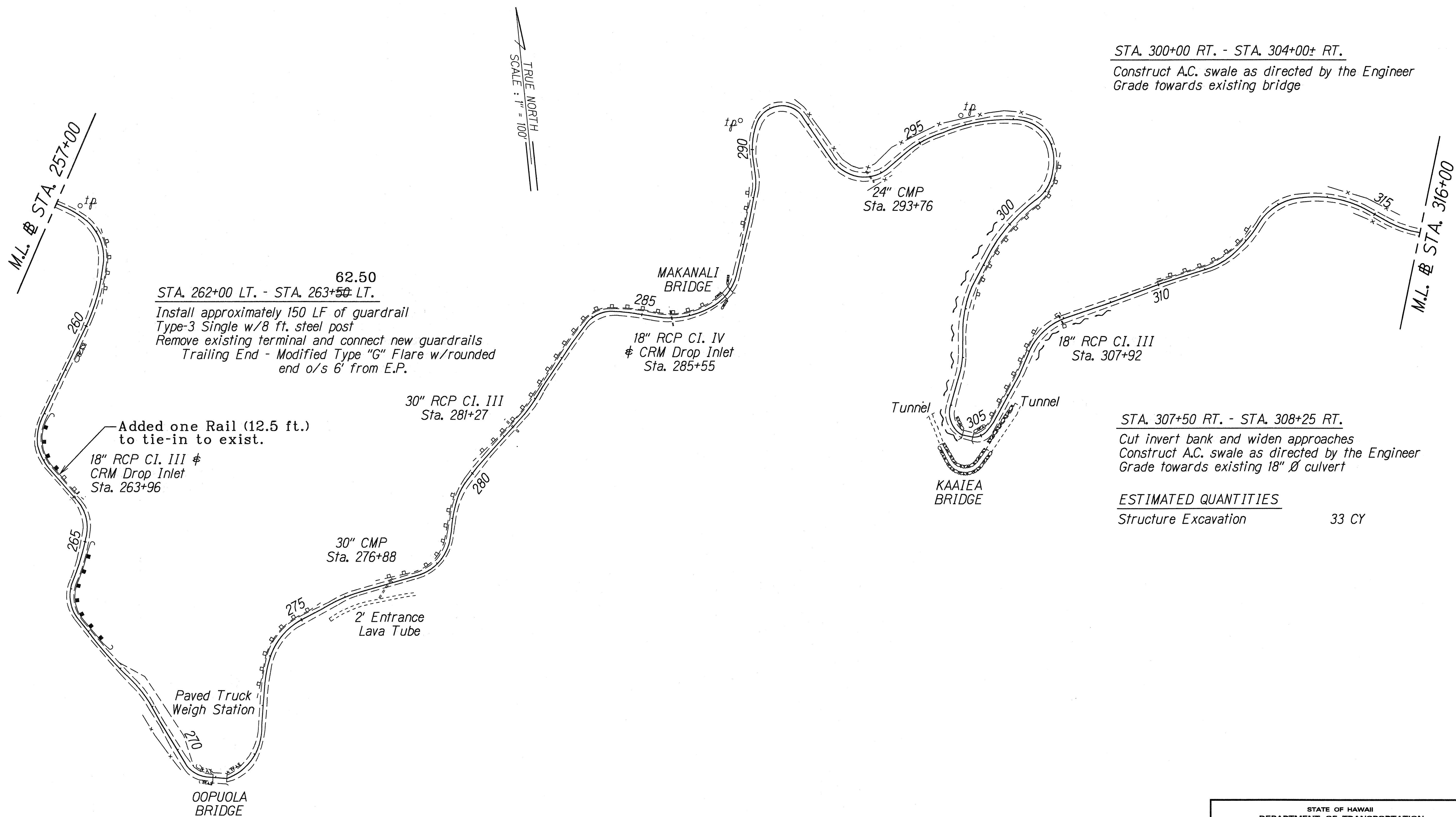
ROADWAY PLAN
HANA HIGHWAY RESURFACING
Huelo to Vicinity of Honomanu Bridge
Project No. 360A-01-94M
Scale: 1" = 100'
Date: May, 1994

SHEET No. 3 OF 8 SHEETS

6-14-94	Revised Type "G" Flares at Sta. 217+50, Sta. 239+00 and Sta. 255+00
DATE	REVISION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-94M	1994	9	25

STA. 300+00 RT. - STA. 304+00± RT.
Construct A.C. swale as directed by the Engineer
Grade towards existing bridge



62.50
STA. 262+00 LT. - STA. 263+50 LT.
Install approximately 150 LF of guardrail
Type-3 Single w/8 ft. steel post
Remove existing terminal and connect new guardrails
Trailing End - Modified Type "G" Flare w/rounded
end o/s 6' from E.P.

Added one Rail (12.5 ft.)
to tie-in to exist.
18" RCP CI. III CRM Drop Inlet
Sta. 263+96

30" RCP CI. III
Sta. 281+27

30" CMP
Sta. 276+88

2' Entrance
Lava Tube

Paved Truck
Weigh Station

OOPUOLA
BRIDGE

KAAIEA
BRIDGE

STA. 307+50 RT. - STA. 308+25 RT.
Cut invert bank and widen approaches
Construct A.C. swale as directed by the Engineer
Grade towards existing 18" Ø culvert

ESTIMATED QUANTITIES
Structure Excavation 33 CY

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

DATE	REVISION
6-14-94	Revised Type "G" Flares at Sta. 262+00, Sta. 265+00 and Sta. 267+50

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

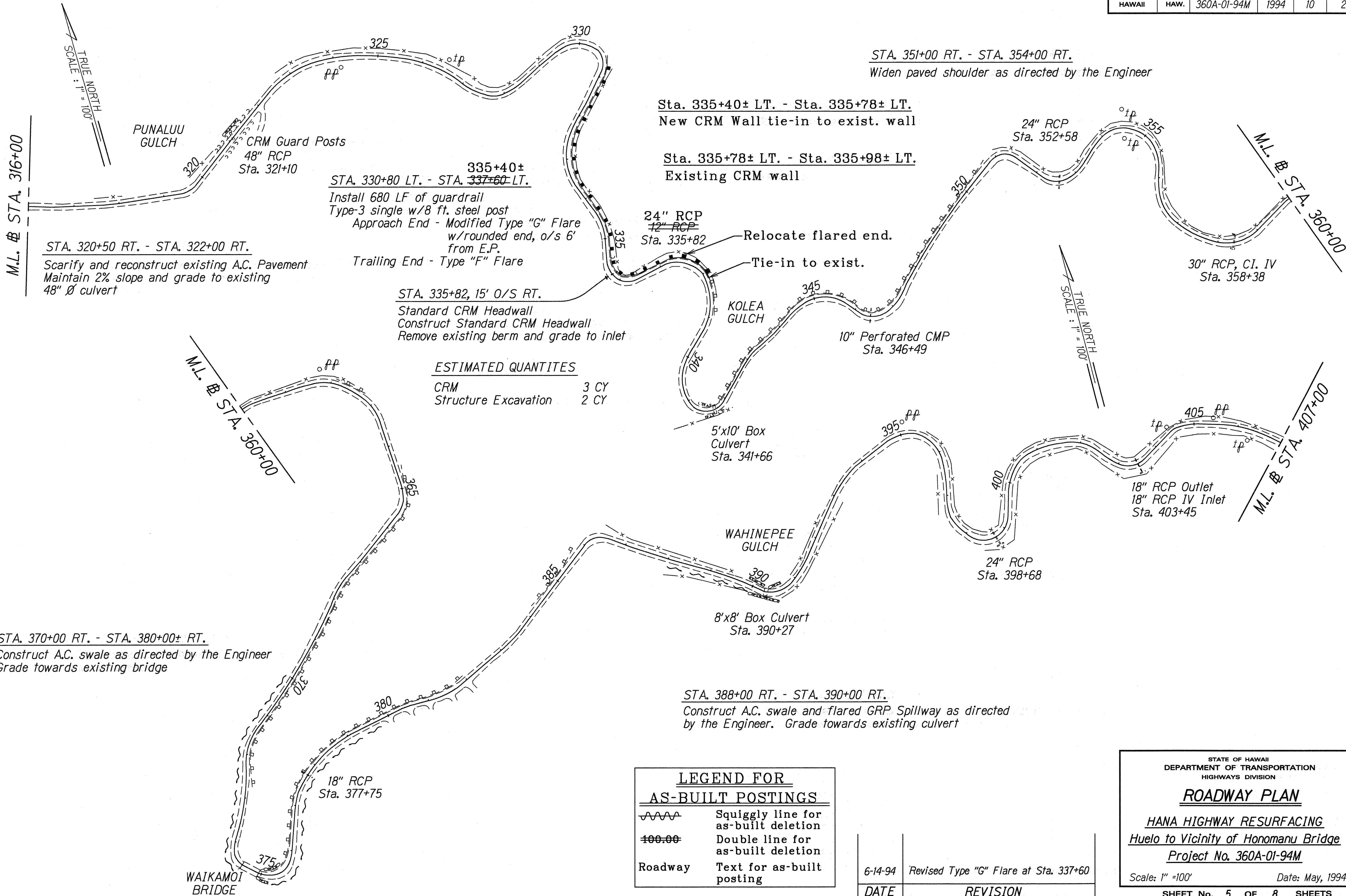
HANA HIGHWAY RESURFACING
Huelo to Vicinity of Honomanu Bridge
Project No. 360A-01-94M

Scale: 1" = 100' Date: May, 1994

SHEET No. 4 OF 8 SHEETS

DESIGNED BY	DATE
DRAWN BY	Dec. 1993
CHECKED BY	
APPROVED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-94M	1994	10	25



DESIGNED BY	DATE
DRAWN BY	1993
CHECKED BY	
NOTED BY	
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

6-14-94	Revised Type "G" Flare at Sta. 337+60
DATE	REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY PLAN	
HANA HIGHWAY RESURFACING Huelo to Vicinity of Honomanu Bridge Project No. 360A-01-94M	
Scale: 1" = 100'	Date: May, 1994
SHEET No. 5 OF 8 SHEETS	

"AS-BUILT"

ADD 10

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-94M	1994	11	25

M.L. # STA. 407+00

STA. 407+00 RT. - STA. 412+00 RT.
Construct A.C. swale as directed by the Engineer
Grade towards existing box culvert

TRUE NORTH
SCALE : 1" = 100'

3'x3' Box Culvert
Sta. 411+94

30" RCP CI. III
Sta. 416+56

18" RCP CI. III
Sta. 422+97

STA. 433+75, 26.00'± O/S LT.
Construct GRP Apron
(See similar detail on Plan Sht. No. 14)

ESTIMATED QUANTITIES
GRP 2.5 CY

STA. 433+75
Install 24" RCP (Class IV)

ESTIMATED QUANTITIES
24" RCP (Class IV) 35 LF
Structure Excavation 30 CY
Bed Course Material 2 CY

STA. 433+75, 11.00'± O/S RT.
Type 61614B GDI (See Plan Sht. No. 14 for similar details)
Construct: Type 61614B GDI, 4.00 ft. to 4.99 ft.
Install: Type 61614B steel frame and grate

ESTIMATED QUANTITIES
Type 61614B GDI 1 EA
4.00 Ft. to 4.99 Ft
Structure Excavation 10 CY

PUOHOKAMOA
BRIDGE

18" RCP CI. III
CRM Drop Inlet
Sta. 436+15

HAIPUAENA
BRIDGE

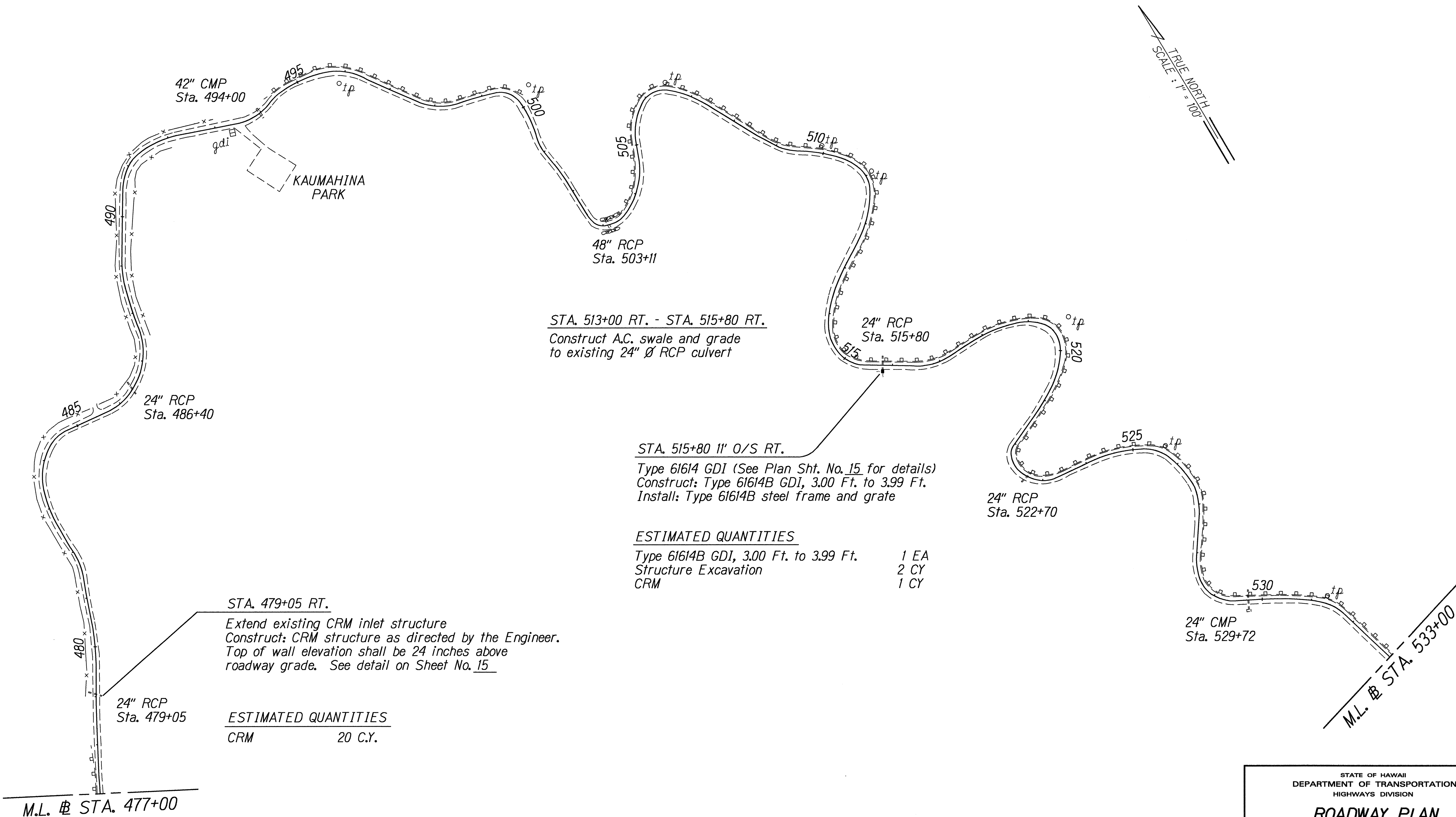
STA. 454+00 RT. - STA. 457+00 RT.
Construct A.C. swale and flared GRP Spillway as directed
by the Engineer. Grade towards existing bridge.

SURVEY PLOTTED BY	DATE
PLAN	Dec. 1993
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HANA HIGHWAY RESURFACING
Huelo to Vicinity of Honomanu Bridge
Project No. 360A-01-94M
Scale: 1" =100' Date: May, 1994
SHEET No. 6 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-94M	1994	12	25



SURVEY PLOTTED BY	DATE
DESIGNED BY	Dec. 1993
TRACED BY	
NOTE BOOK	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

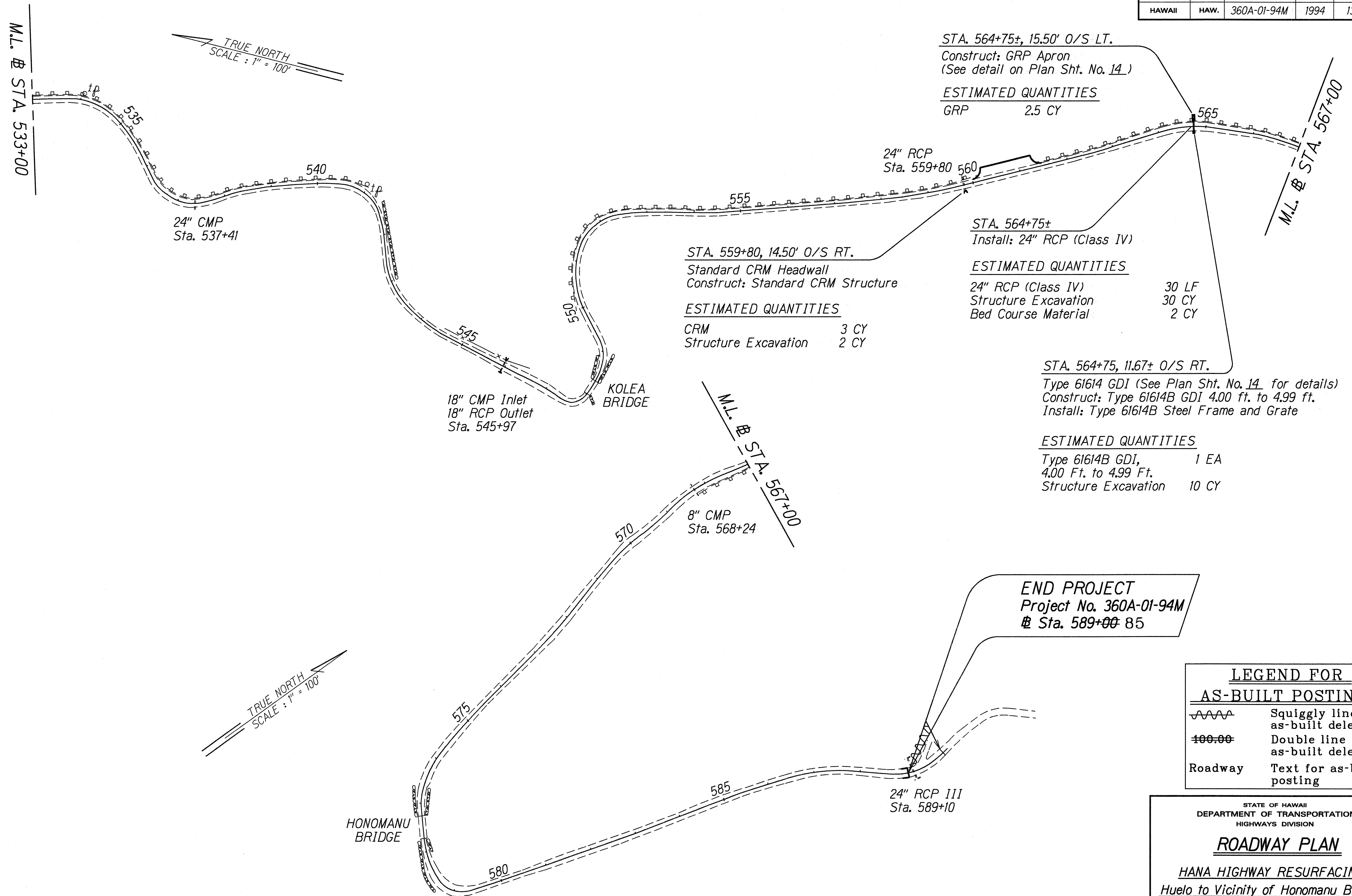
ROADWAY PLAN

HANA HIGHWAY RESURFACING
Huelo to Vicinity of Honomanu Bridge
Project No. 360A-01-94M

Scale: 1" = 100' Date: May, 1994

SHEET No. 7 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-94M	1994	13	25



ORIGINAL PLAN	DATE	Des. 1993
NOTED BY	DESIGNED BY	Checked by
Thompson	Thompson	Thompson
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LEGEND FOR AS-BUILT POSTINGS	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HANA HIGHWAY RESURFACING
Huelo to Vicinity of Honomanu Bridge
Project No. 360A-01-94M

Scale: 1" = 100'

Date: May, 1994

SHEET No. 8 OF 8 SHEETS