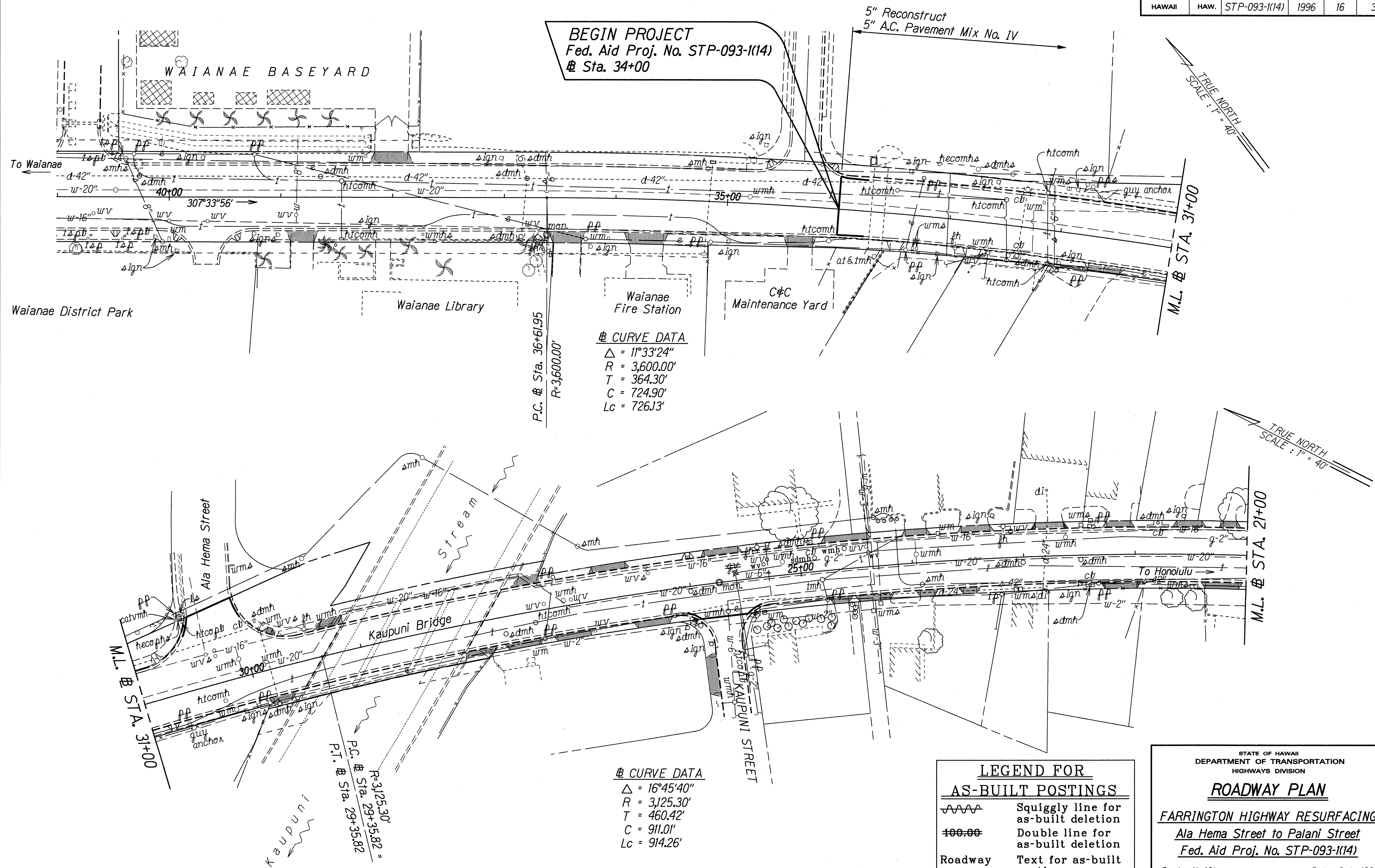
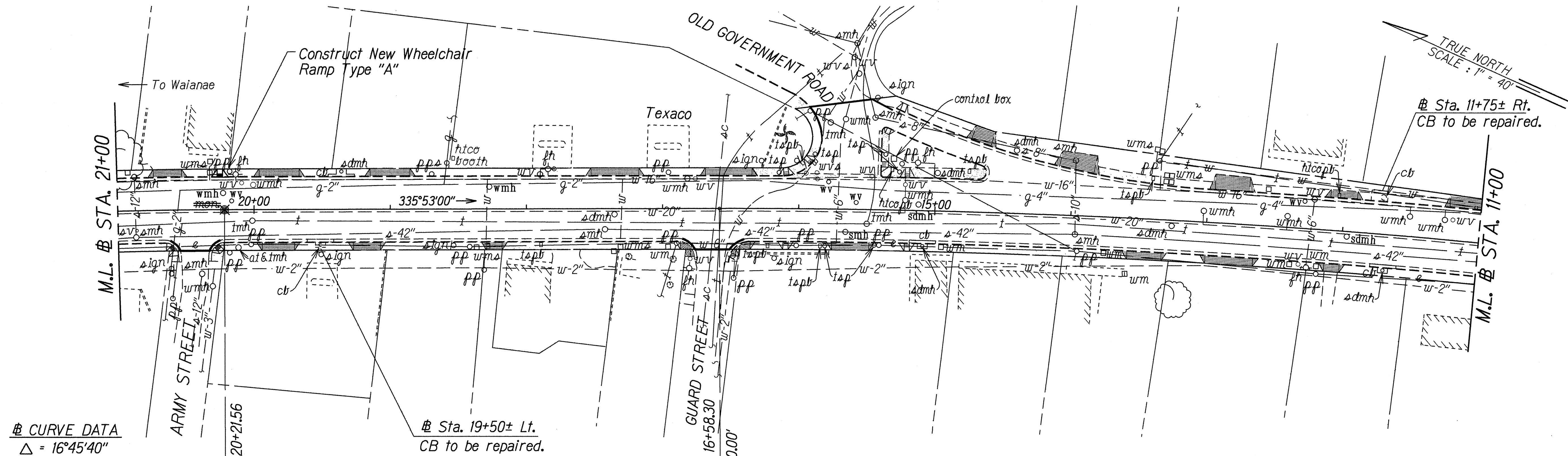


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(14)	1996	16	37



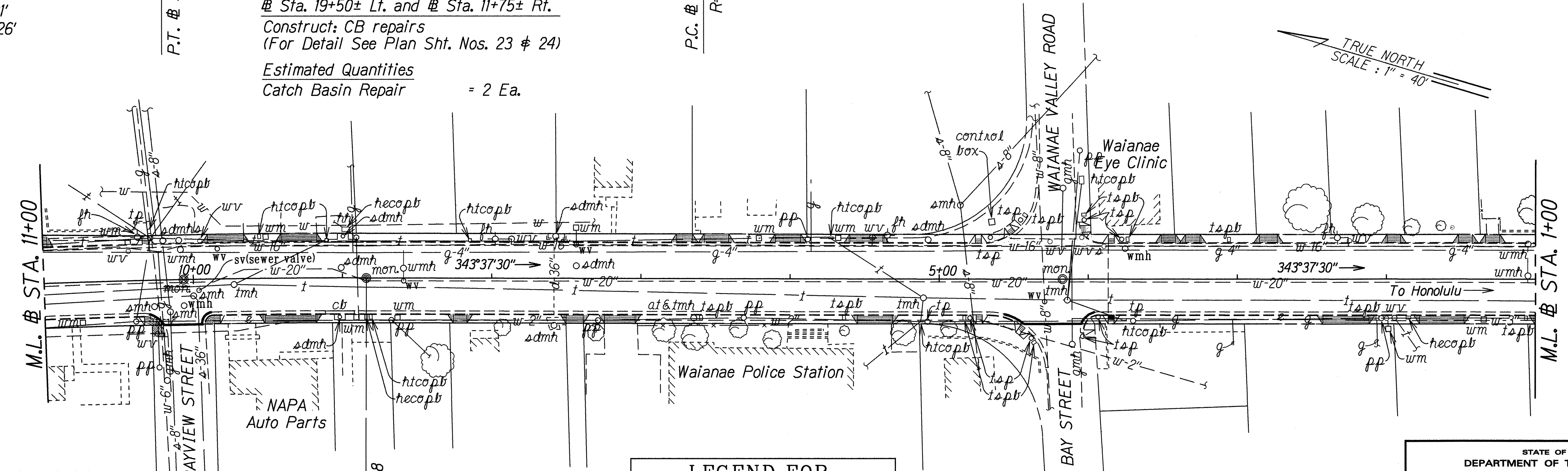
SURVEY PLOTTED BY	DATE
DRAWN BY	11/28/94
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(14)	1996	17	37



Sta. 19+50± Lt. and Sta. 11+75± Rt.
Construct: CB repairs
(For Detail See Plan Sht. Nos. 23 & 24)

Estimated Quantities
Catch Basin Repair = 2 Ea.



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

FARRINGTON HIGHWAY RESURFACING
Ala Hema Street to Palani Street
Fed. Aid Proj. No. STP-093-1(14)

Scale: 1"=40' Date: Oct., 1994

SHEET No. 2 OF 7 SHEETS

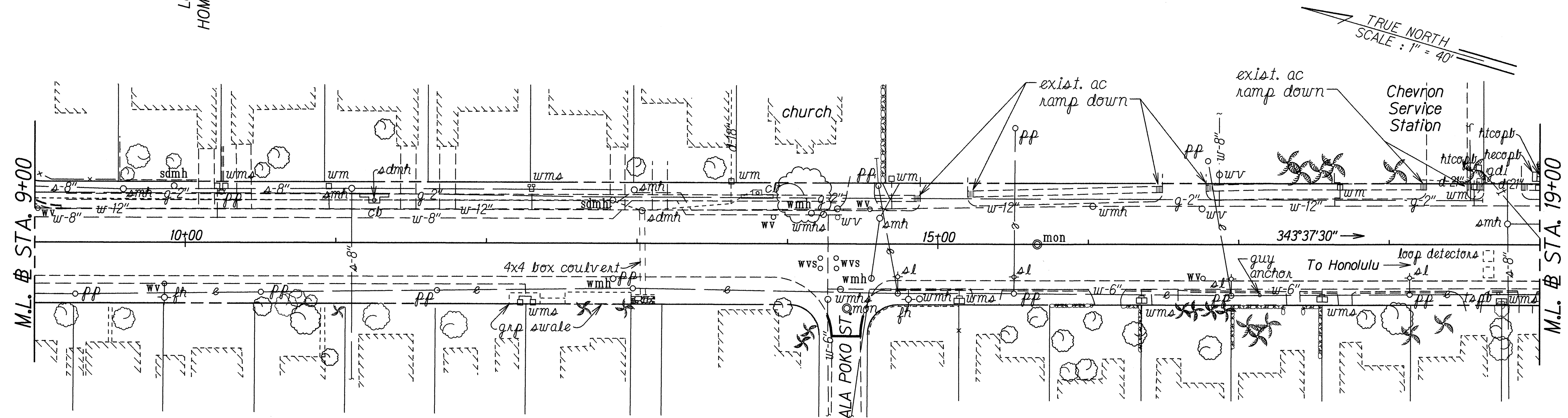
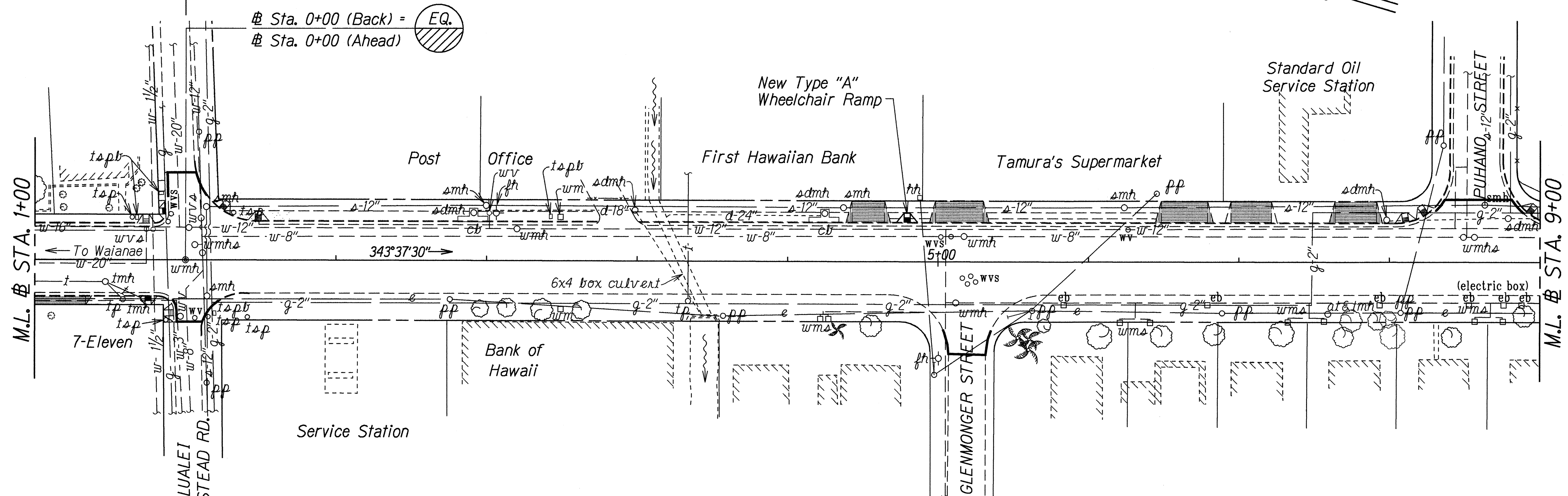
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	11-30-96
DRAWN BY	G. Alvarado
DESIGNED BY	J. Eulimata, M. Ane
QUANTITIES BY	
CHECKED BY	

5" Reconstruct
5" A.C. Pavement Mix No. IV

8" Reconstruct
5" A.C. Pavement Mix No. IV

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(14)	1996	18	37

TRUE NORTH
SCALE: 1" = 40'



ORIGINAL PLAN	DATE
10/2/96	
DESIGNED BY	10/2/96
10/2/96	
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

ROADWAY PLAN

FARRINGTON HIGHWAY RESURFACING
Ala Hema Street to Palani Street
Fed. Aid Proj. No. STP-093-1(14)

Scale: 1"=40' Date: Oct., 1994

SHEET No. 3 OF 7 SHEETS

Project Information:

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(14)	1996	19	37

Curve Data:

- $\Delta = 8^{\circ}36'00''$
- $R = 4,000.00'$
- $T = 300.76'$
- $C = 599.83'$
- $L_c = 600.39'$

Legend for AS-BUILT POSTINGS:

- Squiggly line for as-built deletion
- Double line for as-built deletion
- Roadway
- Text for as-built posting

Project Details:

- Station 26+23± Rt. to Station 26+58± Rt.:** Remove 62.5 Lin. Ft. of Existing Ramp Down Metal Guardrail with Steel Post and Install 62.5 Lin Ft. of New Guardrail, Type 3-Single with Steel Posts.
- Station 32+16± Rt. to Station 32+41± Rt.:** Remove 25 Lin. Ft. of Existing Damaged Metal Guardrail with Steel Posts and Install 25 Lin. Ft. of New Guardrail, Type 3-Single with Steel Posts.
- Station 34+62.50± Rt. to Station 36+00± Rt.:** Remove 25 Lin. Ft. of Existing Ramp Down Metal Guardrail with Steel Post and Install 137 Lin. Ft. of New Guardrail, Type 3-Single with Steel Posts.
- Station 37+50± Rt. to Station 37+87.50± Rt.:** Remove 37.5 Lin. Ft. of Existing Ramp Down Metal Guardrail with Steel Post and Install 37.5 Lin Ft. of New Guardrail, Type 3-Single with Steel Posts.

Other Features:

- Waianae Sewage Treatment Plant:** 4x3 rect channel, d-24", heco vault.
- Landmarks:** Bank of America, Waianae Mall, Burger King, Payless Shoes, Pizza Hut, Leihukū St., Waianae Sewage Treatment Plant, Poka Bay St., Lualualei Beach Park.
- Infrastructure:** 8x4 concrete box culvert, loop detectors, pipe railing, ac sidewalk, bench, bus shelter, guy anchors, drainage easement, Modified Type "G" with Rounded End.

Scale: 1"=40'

True North: Indicated by arrows.

Project Name: FARRINGTON HIGHWAY RESURFACING
Location: Ala Hema Street to Palani Street
Fed. Aid Proj. No.: STP-093-1(14)
Scale: 1"=40' **Date:** Oct., 1994
SHEET No. 4 OF 7 SHEETS

Project Information:

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(14)	1996	19	37

Curve Data:

- $\Delta = 8^{\circ}36'00''$
- $R = 4,000.00'$
- $T = 300.76'$
- $C = 599.83'$
- $L_c = 600.39'$

Legend for AS-BUILT POSTINGS:

- Squiggly line for as-built deletion
- Double line for as-built deletion
- Roadway
- Text for as-built posting

Project Details:

- Station 26+23± Rt. to Station 26+58± Rt.:** Remove 62.5 Lin. Ft. of Existing Ramp Down Metal Guardrail with Steel Post and Install 62.5 Lin Ft. of New Guardrail, Type 3-Single with Steel Posts.
- Station 32+16± Rt. to Station 32+41± Rt.:** Remove 25 Lin. Ft. of Existing Damaged Metal Guardrail with Steel Posts and Install 25 Lin. Ft. of New Guardrail, Type 3-Single with Steel Posts.
- Station 34+62.50± Rt. to Station 36+00± Rt.:** Remove 25 Lin. Ft. of Existing Ramp Down Metal Guardrail with Steel Post and Install 137 Lin. Ft. of New Guardrail, Type 3-Single with Steel Posts.
- Station 37+50± Rt. to Station 37+87.50± Rt.:** Remove 37.5 Lin. Ft. of Existing Ramp Down Metal Guardrail with Steel Post and Install 37.5 Lin Ft. of New Guardrail, Type 3-Single with Steel Posts.

Other Features:

- Landmarks:** Waianae Mall, Burger King, Payless Shoes, Pizza Hut, Waianae Sewage Treatment Plant, Lualualei Beach Park.
- Infrastructure:** Bank of America, 8x4 concrete box culvert, 4x3 rect channel, heco vault, loop detectors, pipe railing, ac sidewalk, exist. ac ramp down.
- Other:** TRUE NORTH SCALE: 1" = 40', Modified Type "G" with Rounded End.

R=4,000.00'
P.C. # Sta. 26+77.93

FED. ROAD DIST. NO. STATE FED. PROJ. NO. FISCAL YEAR SHEET NO. TOTAL SHEETS
HAWAII HAW. STP-093-1(14) 1996 19 37

Bank of America
To Waianae bus shelter
Waianae Mall
Burger King
Payless Shoes
Pizza Hut
Waiānae Sewage Treatment Plant
Leihukū St.
M.L. # STA. 19+00
M.L. # STA. 29+00

TRUE NORTH SCALE: 1" = 40'

loop detectors
pipe railing
ac sidewalk
w-8"
w-12"
w-6"
d-24"
d-48"
d-18"
d-36"

Modified Type "G" with Rounded End

Sta. 26+23± Rt. to # Sta. 26+58± Rt.
Remove 62.5 Lin. Ft. of Existing Ramp Down Metal Guardrail with Steel Post and Install 62.5 Lin. Ft. of New Guardrail, Type 3-Single with Steel Posts.

CURVE DATA
 $\Delta = 8^\circ 36' 00''$
 $R = 4,000.00'$
 $T = 300.76'$
 $C = 599.83'$
 $L_c = 600.39'$

P.T. # Sta. 32+78.32

Waianae Sewage Treatment Plant
4x3 rect channel
heco vault
loop detectors
sign
guy wire
mon
at&tmh
Lualualei Beach Park
To Honolulu

M.L. # STA. 29+00
M.L. # STA. 39+00

TRUE NORTH SCALE: 1" = 40'

Modified Type "G" with Rounded End

Sta. 32+16± Rt. to # Sta. 32+41± Rt.
Remove 25 Lin. Ft. of Existing Damaged Metal Guardrail with Steel Posts and Install 25 Lin. Ft. of New Guardrail, Type 3-Single with Steel Posts.

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

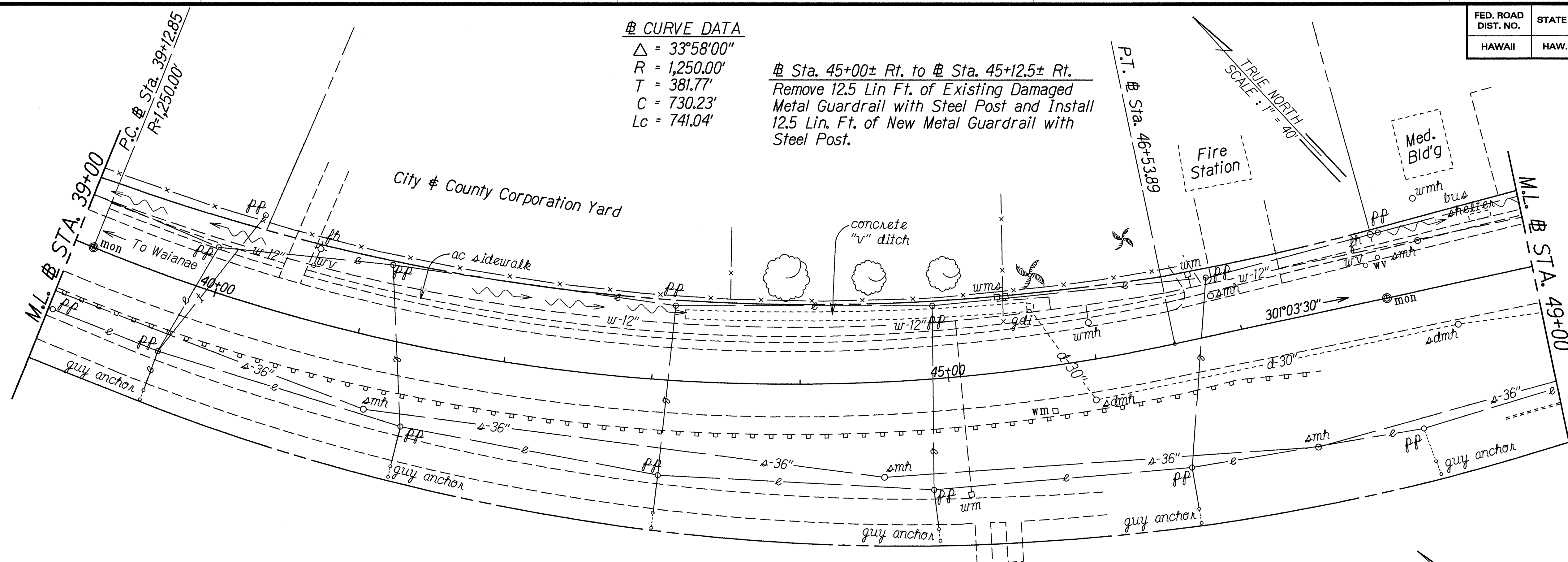
Sta. 34+62.50± Rt. to # Sta. 36+00± Rt.
Remove 25 Lin. Ft. of Existing Ramp Down Metal Guardrail with Steel Post and Install 137 Lin. Ft. of New Guardrail, Type 3-Single with Steel Posts.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
FARRINGTON HIGHWAY RESURFACING
Ala Hema Street to Palani Street
Fed. Aid Proj. No. STP-093-1(14)
Scale: 1"=40' Date: Oct., 1994
SHEET No. 4 OF 7 SHEETS
19

CURVE DATA
 $\Delta = 33^{\circ}58'00''$

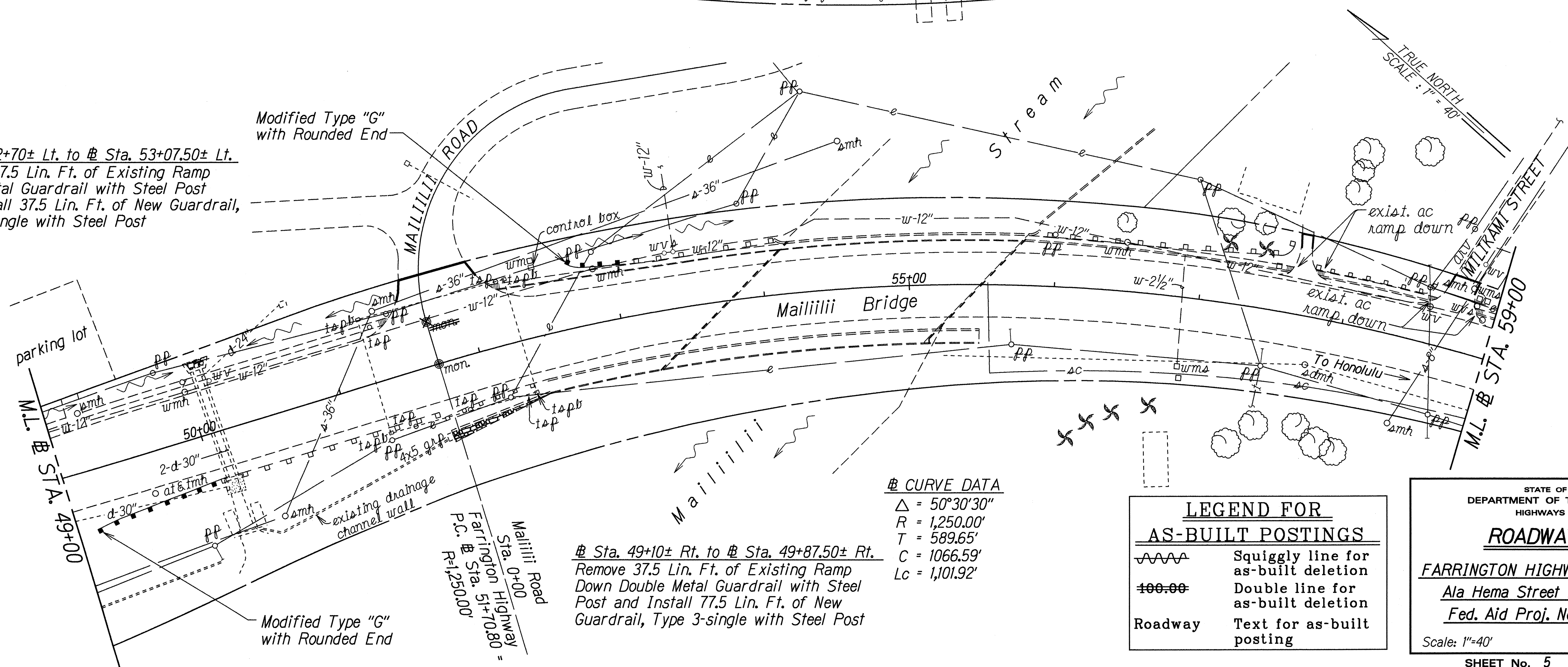
$$\begin{aligned}\Delta &= 33^{\circ}58'00'' \\ R &= 1,250.00' \\ T &= 381.77' \\ C &= 730.23' \\ Lc &= 741.04'\end{aligned}$$

Stn. 45+00± Rt. to Stn. 45+12.5± Rt.
Remove 12.5 Lin Ft. of Existing Damaged
Metal Guardrail with Steel Post and Install
12.5 Lin. Ft. of New Metal Guardrail with
Steel Post.



Sta. 52+70± Lt. to # Sta. 53+07.50± Lt.
Remove 37.5 Lin. Ft. of Existing Ramp
Down Metal Guardrail with Steel Post
and Install 37.5 Lin. Ft. of New Guardrail,
Type 3-single with Steel Post

Modified Type "G"
with Rounded End


$$\begin{aligned}\Delta &= 50^{\circ}30'30'' \\ R &= 1,250.00' \\ T &= 589.65' \\ C &= 1066.59' \\ Lc &= 1,101.92'\end{aligned}$$

Sta. 49+10± Rt. to # Sta. 49+87.50± Rt.
Remove 37.5 Lin. Ft. of Existing Ramp
Down Double Metal Guardrail with Steel
Post and Install 77.5 Lin. Ft. of New
Guardrail, Type 3-single with Steel Post

<u>LEGEND FOR</u> <u>AS-BUILT POSTINGS</u>	
	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

FARRINGTON HIGHWAY RESURFACING

Ala Hema Street to Palani Street

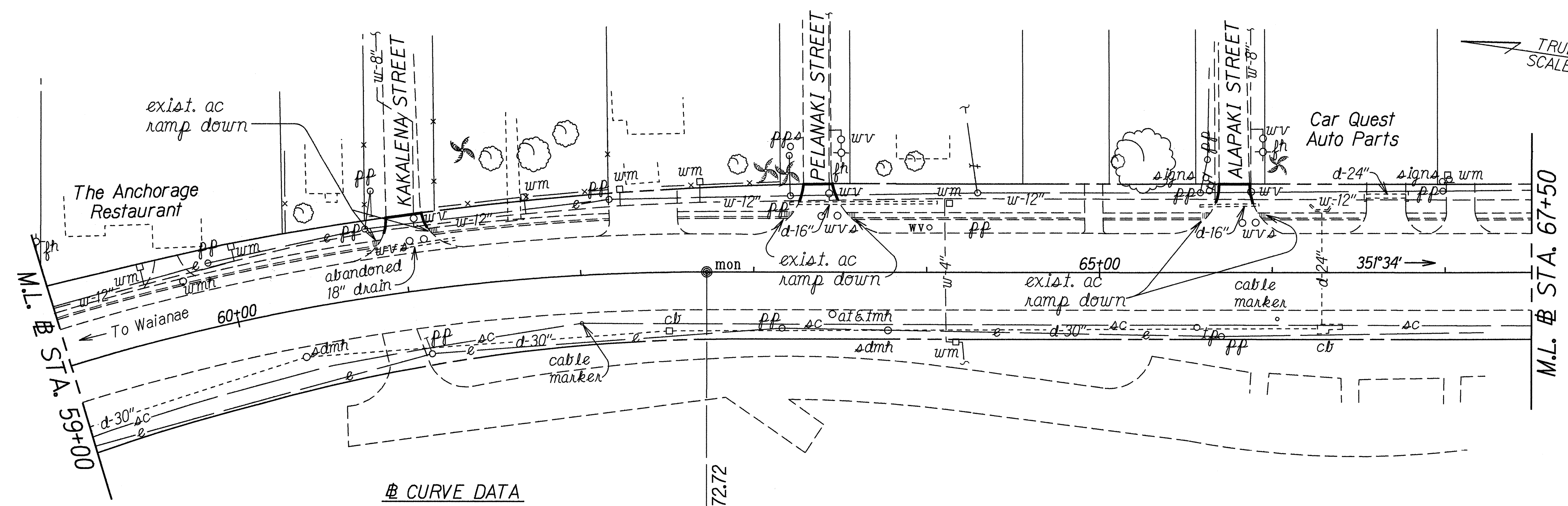
Fed. Aid Proj. No. STP-093-1(14)

Scale: 1"=40' Date: Oct., 1994

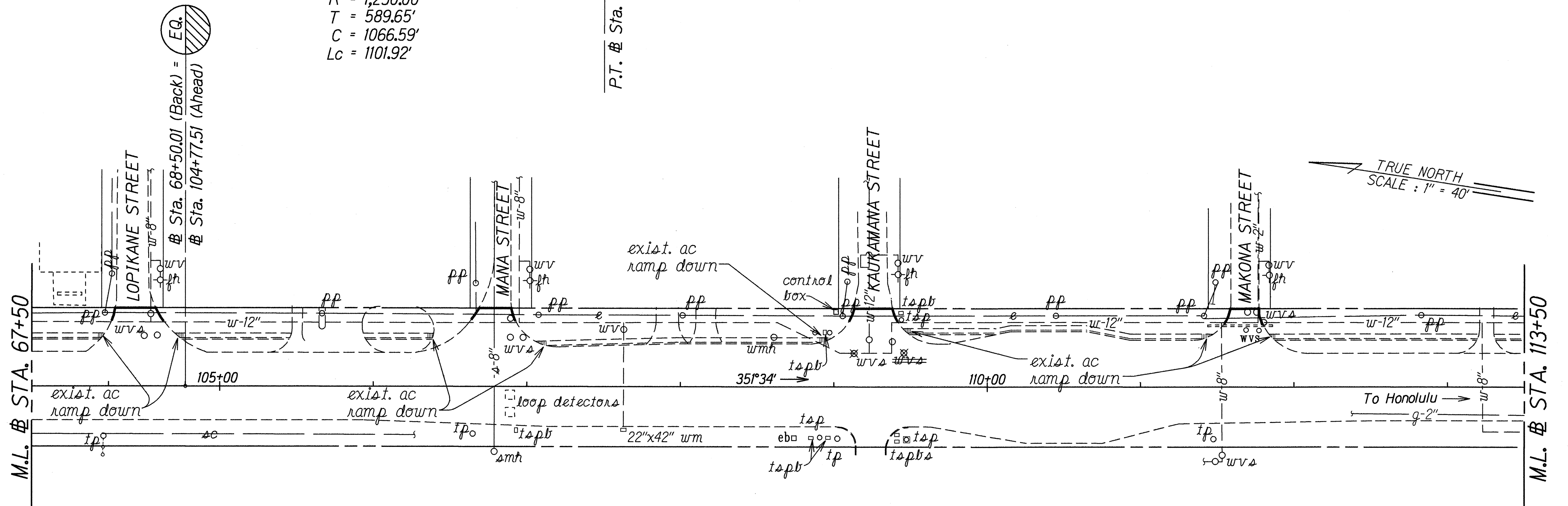
SHEET No. 5 OF 7 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY <i>G. Attacalla</i>	<i>11-30-96</i>
	TRACED BY	
	DESIGNED BY <i>J. Fujimoto, M. Ante</i>	
	QUANTITIES BY	
	CHECKED BY	
	<i>5/arp05.dgn</i>	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(14)	1996	21	37



△ CURVE DATA
 $\Delta = 50^{\circ}30'30''$
 $R = 1,250.00'$
 $T = 589.65'$
 $C = 1066.59'$
 $Lc = 1101.92'$



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

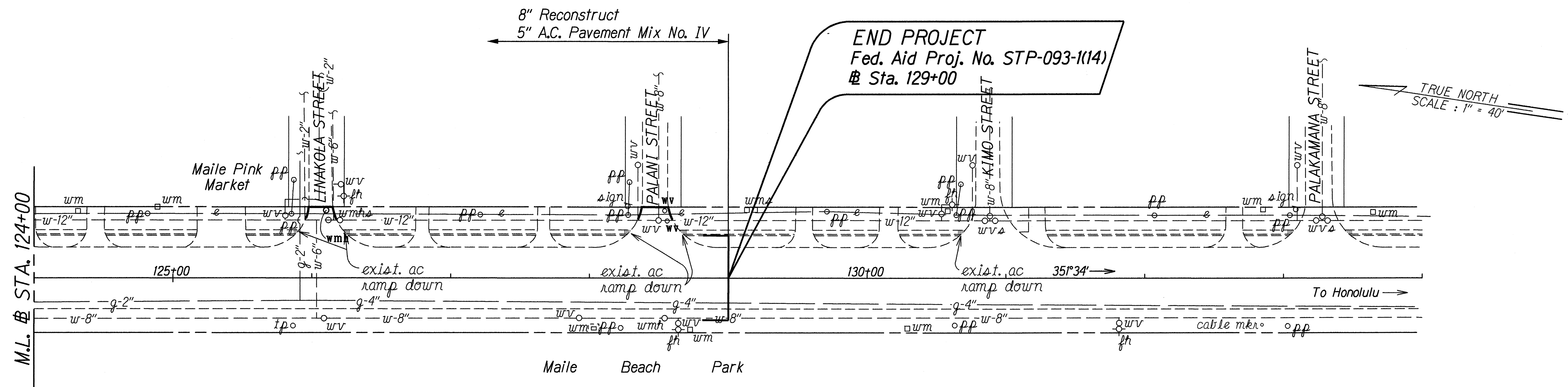
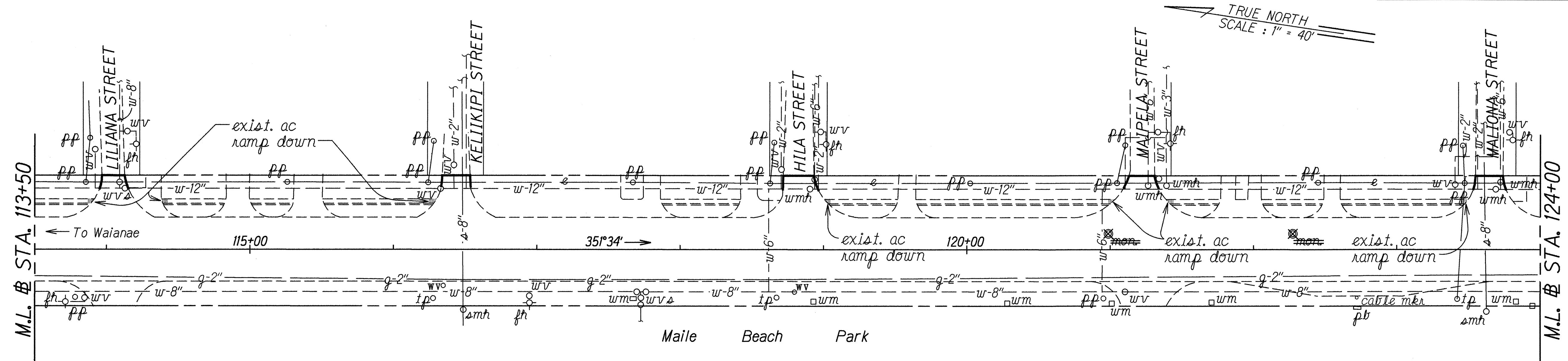
FARRINGTON HIGHWAY RESURFACING
Ala Hema Street to Palani Street
Fed. Aid Proj. No. STP-093-1(14)

Scale: 1"=40' Date: Oct., 1994

SHEET No. 6 OF 7 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	11-30-96
DRAWN BY G. Albin	
DESIGNED BY J. Lullueta, M. Aita	
CHECKED BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(14)	1996	22	37



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY G. Albano	11-30-92
DATE	CHECKED BY J. E. L. L. L. L. L.	
BY	QUANTITIES BY	
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

ROADWAY PLAN

FARRINGTON HIGHWAY RESURFACING
Ala Hema Street to Palani Street
Fed. Aid Proj. No. STP-093-1(14)

Scale: 1"=40' Date: Oct., 1994

SHEET No. 7 OF 7 SHEETS