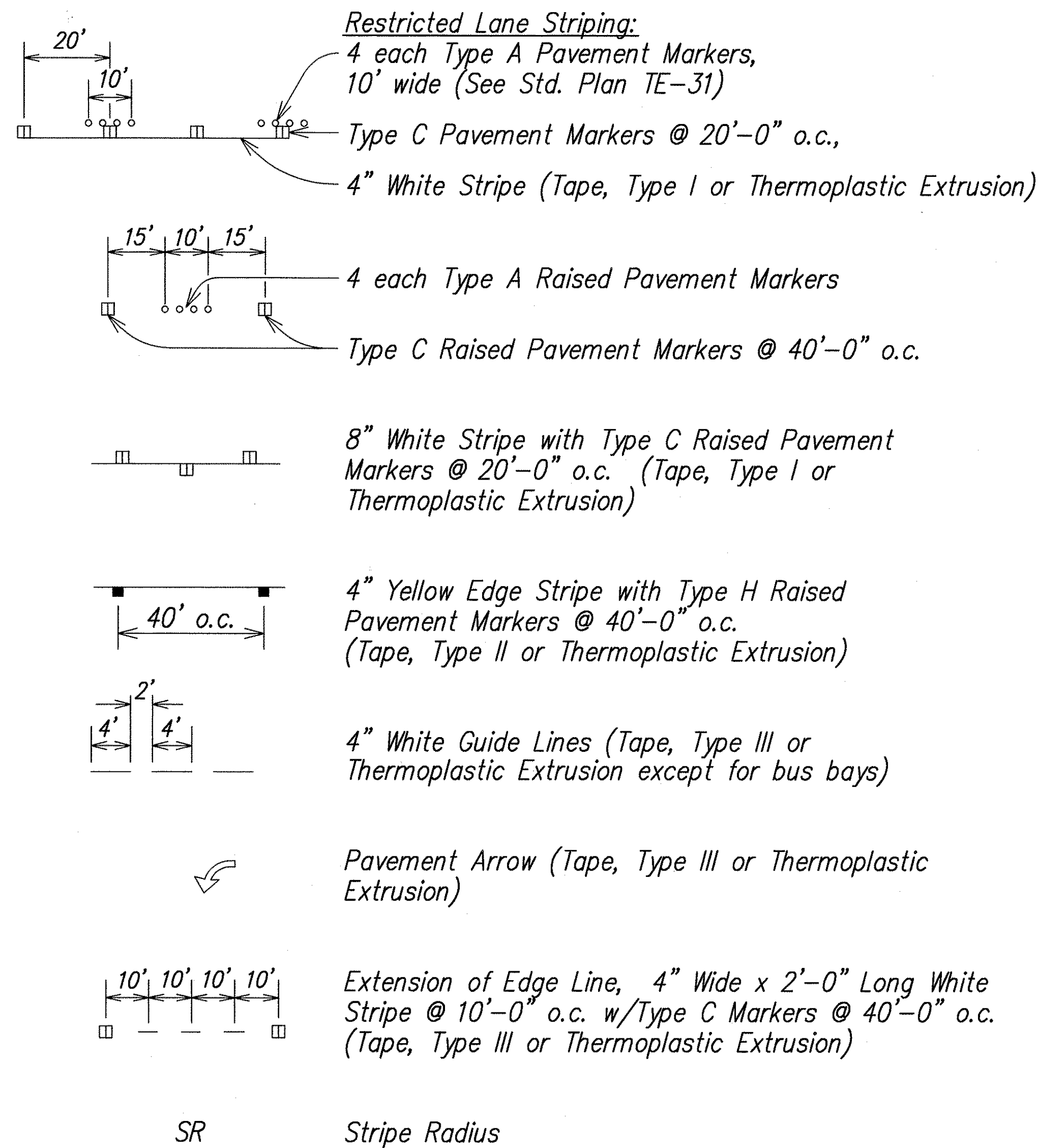


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-98	2002	35	80

NOTES

- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
- Raised pavement markers shall not be installed within crosswalks.
- Final locations of all signs shall be approved by the Engineer prior to any installation work.
- Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.
- Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
- All pavement striping shall be as noted on the legend or plans.
- All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as directed by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
- The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs placed as indicated on the plans or as directed by the Engineer for the duration of the highway project and shall be maintained by the Contractor. These signs shall be placed in addition to the required traffic control signs called for in Section 645 - Traffic Control. The advance construction warning signs shall be new and become the property of the State. The Contractor shall remove, clean, and deliver the signs and posts to the District Baseyard, or as directed by the Engineer, upon completion of the project.
- Existing signs that are to be replaced, shall not be removed until new signs are installed as replacements, or the messages are no longer necessary.
- Backing for all new Regulatory and Warning Signs shall not be spliced.
- All sign panels shall conform to Section 621 of Special Provisions and the latest editions and amendments of the following FHWA publications:
 - "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
 - "Standard Highway Signs."
 - "Standard Alphabets for Highway Signs."
- All new and relocated signs and markers installed on pipe posts, light standard or expressway sign post are to be mounted with band brackets and steel braces.
- Removing and reinstalling existing Street Name Signs on Regulatory and Warning Sign Post shall not be paid for separately but shall be considered incidental to the various signing items.
- The Contractor shall notify the Oahu Transit Services Inc. (OTS), Ed Sniffen, at 848-4571 or Lowell Tom at 848-4578 two weeks prior to beginning any work, informing them of location, scope of work, proposed closure of any street or traffic lanes, and the need to relocate any bus stop.

LEGEND

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

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dba PARK ENGINEERING

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION PAVEMENT MARKING LEGEND, DETAIL & NOTES FARRINGTON HIGHWAY LANDSCAPING Kamehameha Highway to Fort Weaver Road Project No. 7101A-01-98 Scale: As Noted Date: April 2002 SHEET No. P1 OF 11 SHEETS
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-98	2002	36	80

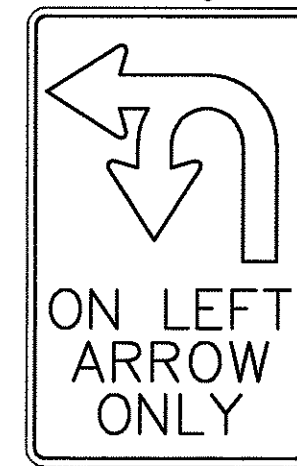
CG-20-2A
48" X 24"

END
ROAD WORK

RM3

500'

Exist. Sign to remain
on Traffic Signal Post



Leoku Street

Install 12" wide
White Stop Bar

To Waianae
Outbound Lanes

Inbound Lanes

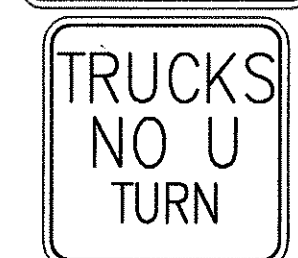
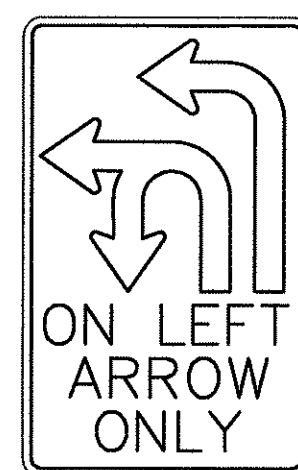
55+00

500'



CW20-1Ad
48" x 48"

RM3



Exist. Signs to remain
on Traffic Signal Post

Leole Street

Begin New Striping
@ Sta. 57+11



Install New Signs
on New Post

R9-3a
24" x 24"

R9-3b
18" x 12"

PLAN - 1
Scale: 1" = 40'-0"

Install New Signs
on New Post



R9-3a
24" x 24"



R9-3b
18" x 12"

Remove Temporary Pavement Marking

Eradicate Existing White Guide Line Stripe

Eradicate Existing Solid Yellow Stripe

Install 4" White Guide Line Stripe

Install Restricted Lane Stripe

Install Type A Raised Pav't. Markers (4 each)
w/Type C Raised Pav't. Markers @ 40'-0" o.c.

Relocate Exist. Sign
w/New Post



Exist. Stripes & Pav't.
Arrows to remain.

Install 8" White Stripe with Type C
Raised Pav't. Markers @ 20'-0" o.c.

New Curb Face

SR=64'

SR=75'

New Edge Striping

New Pavement Arrows

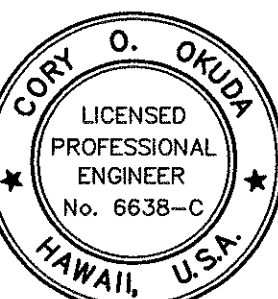
Baseline (STATE) 2'

Install Type A Raised
Pav't. Markers (4 each)
w/Type C Raised Pav't.
Markers @ 40'-0" o.c.

Relocate Exist. Sign
w/New Post

Install 4" Yellow Edge Stripe with
Type H Raised Pavement Markers
@ 40'-0" o.c.

Remove Temporary Pavement Marking



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN-1

FARRINGTON HIGHWAY LANDSCAPING
Kamehameha Highway to Fort Weaver Road
Project No. 7101A-01-98

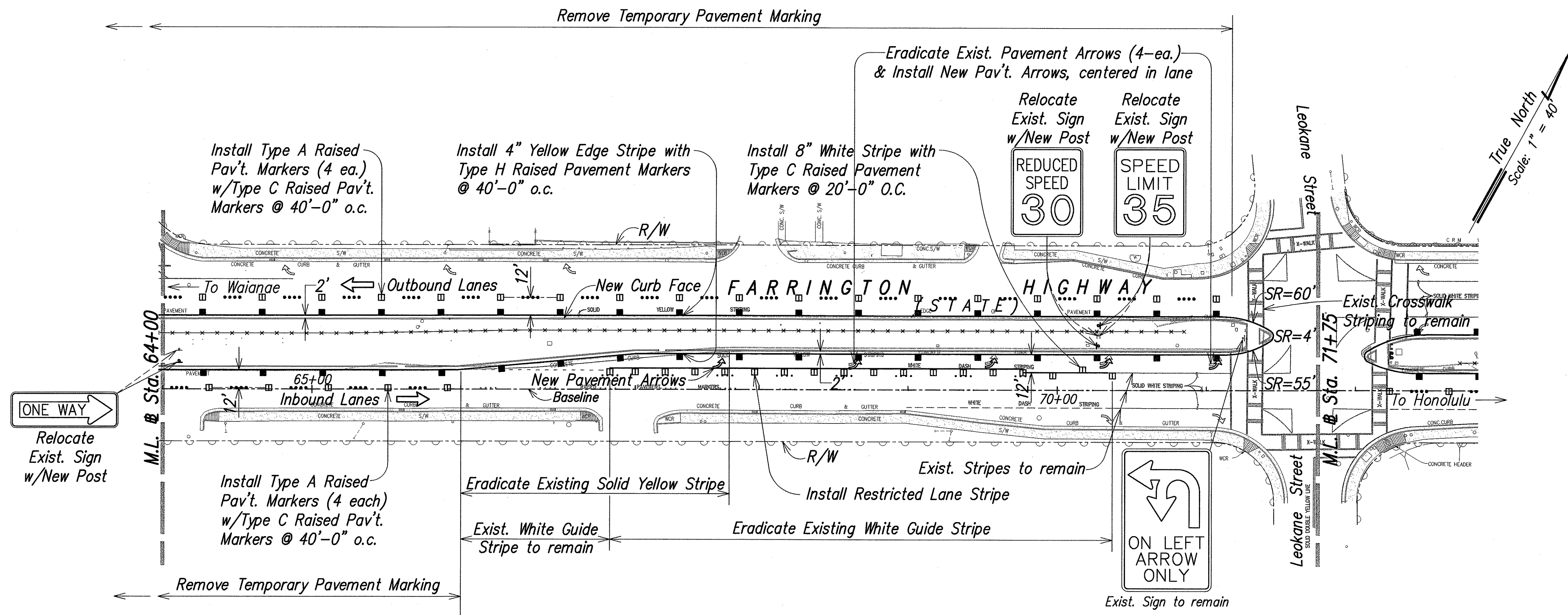
Scale: As Noted Date: April 2002

SHEET No. P2 OF 11 SHEETS

AS-BUILT

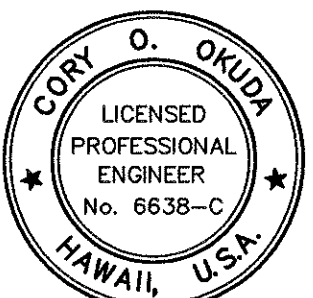
36

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-98	2002	37	80



PLAN - 2
Scale: 1" = 40'-0"

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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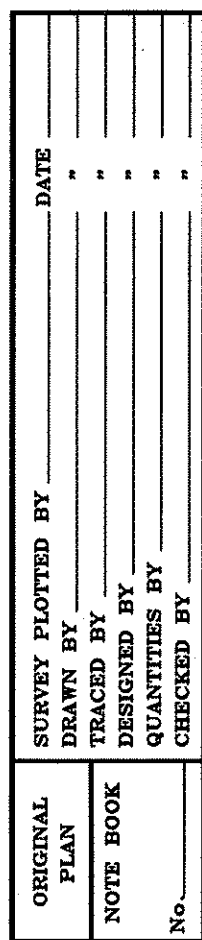
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN-2

FARRINGTON HIGHWAY LANDSCAPING
Kamehameha Highway to Fort Weaver Road
Project No. 7101A-01-98

Scale: As Noted Date: April 2002

SHEET No. P3 OF 11 SHEETS



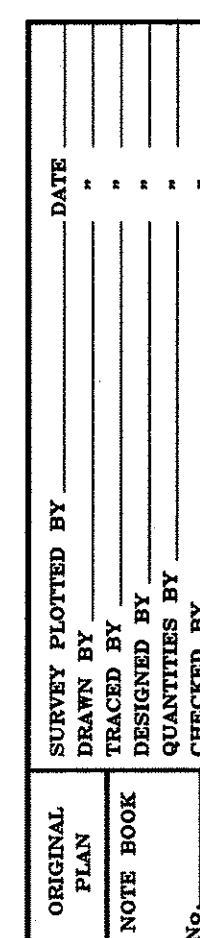
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN-3

FARRINGTON HIGHWAY LANDSCAPING
Kamehameha Highway to Fort Weaver Road
Project No. 7101A-01-98

Scale: As Noted Date: April 2002

SHEET No. P4 OF 11 SHEETS



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

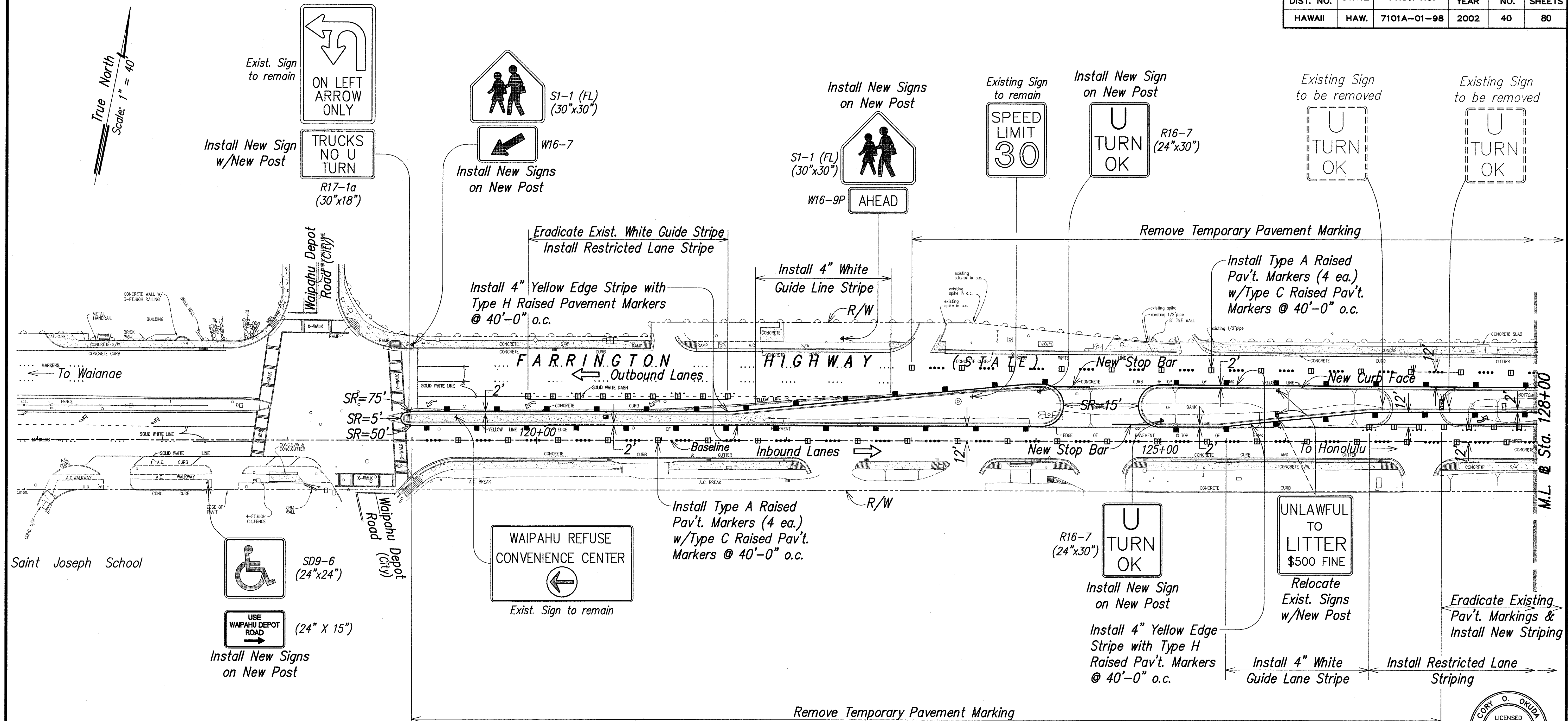
SIGNING AND STRIPING PLAN-4

FARRINGTON HIGHWAY LANDSCAPING
Kamehameha Highway to Fort Weaver Road
Project No. 7101A-01-98

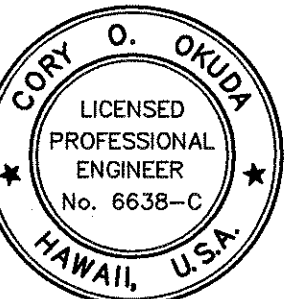
Scale: As Noted *Date: April 2002*

SHEET NO. P5 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-98	2002	40	80



PLAN - 5
Scale: 1" = 40'-0"



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN-5

FARRINGTON HIGHWAY LANDSCAPING
Kamehameha Highway to Fort Weaver Road
Project No. 7101A-01-98

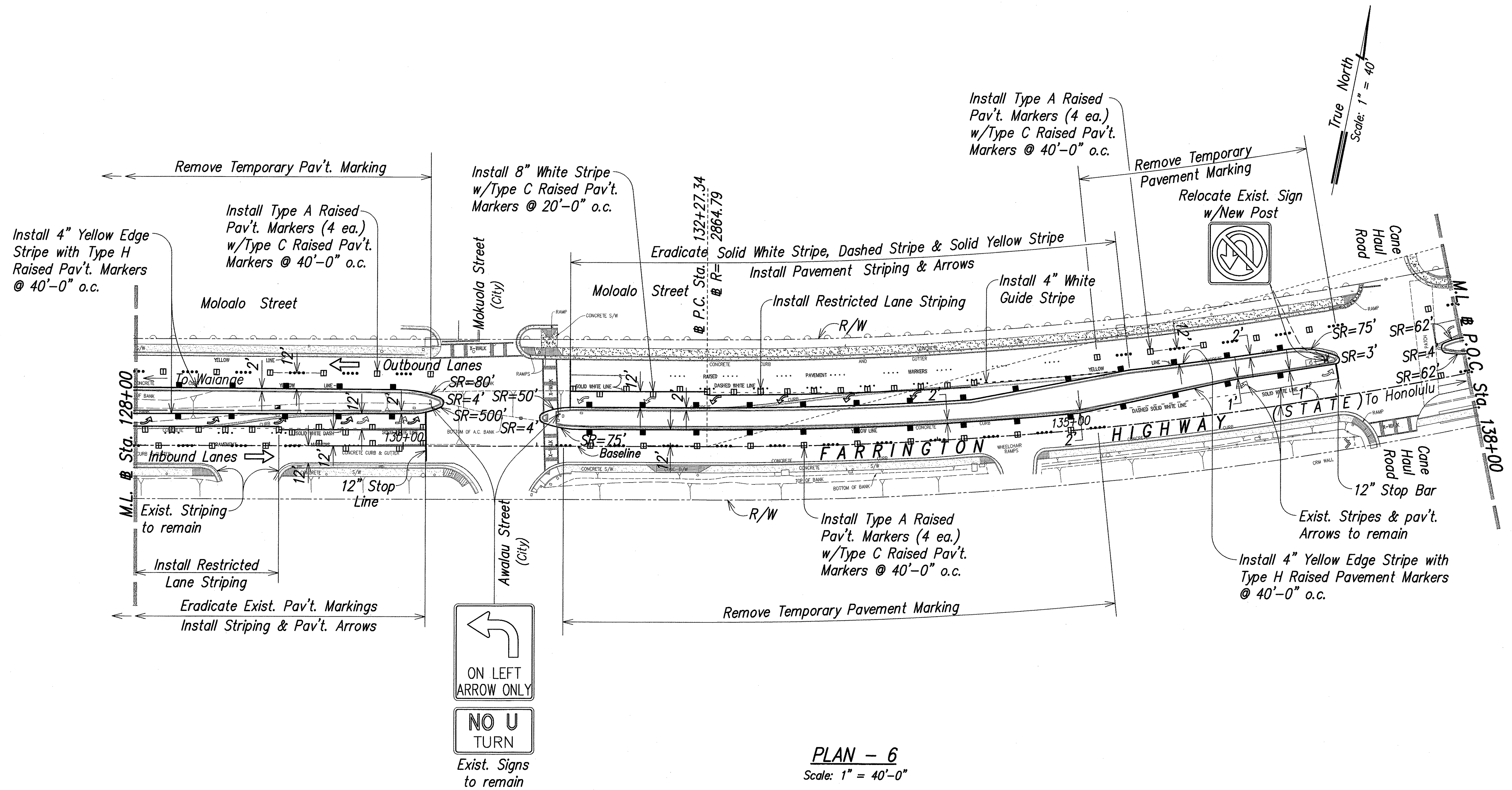
Scale: As Noted Date: April 2002
SHEET No. P6 OF 11 SHEETS

AS-BUILT

40

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-98	2002	41	80



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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PARK ENGINEERING

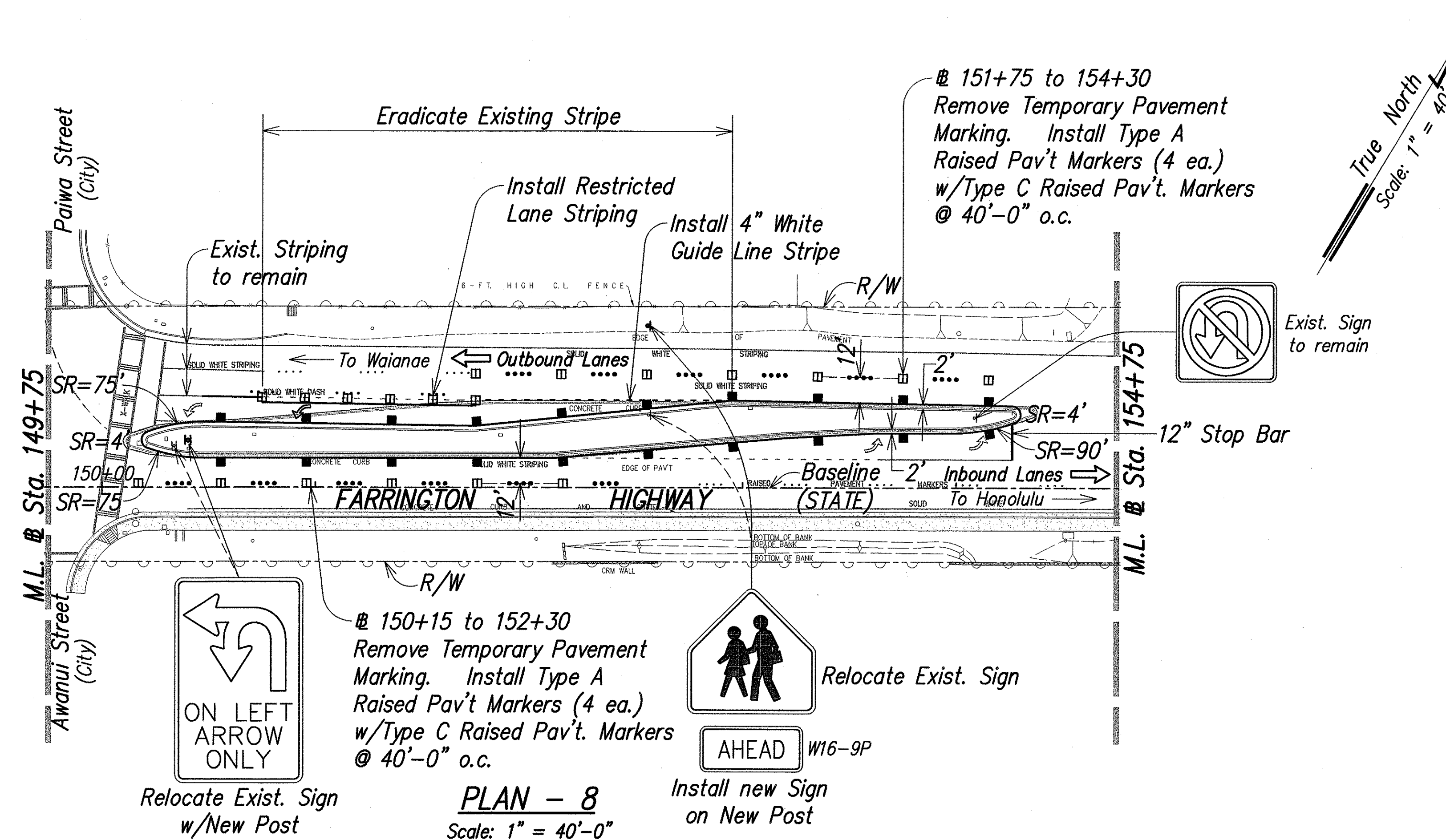
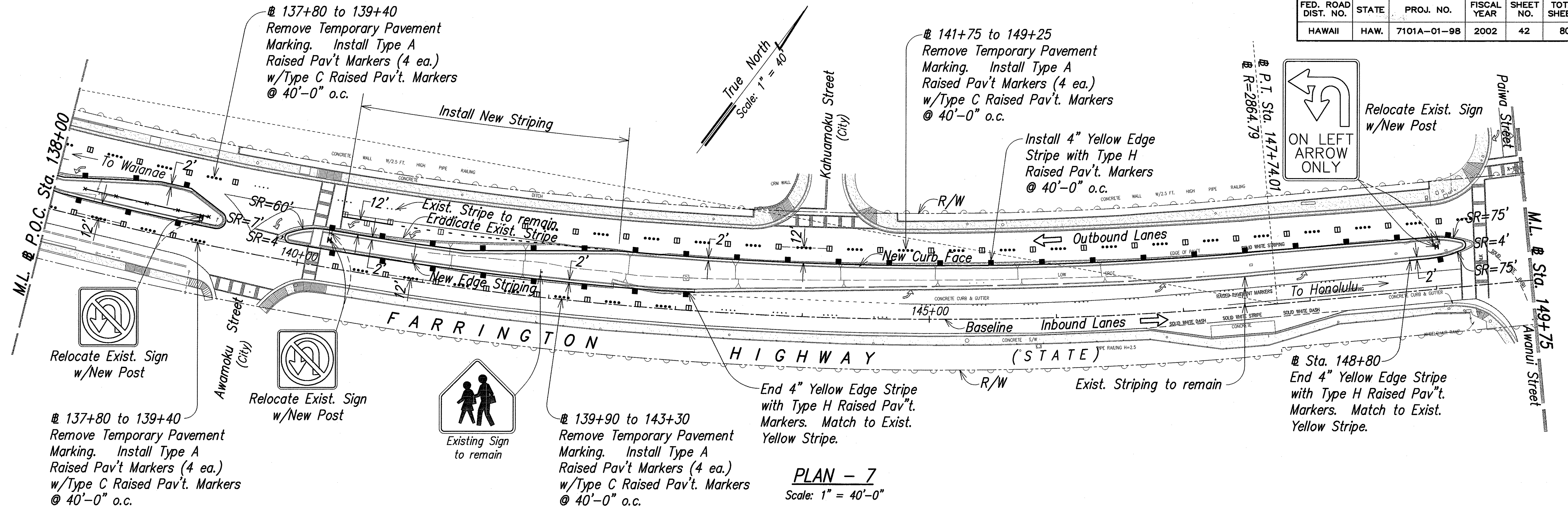
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN-6

FARRINGTON HIGHWAY LANDSCAPING
Kamehameha Highway to Fort Weaver Road
Project No. 7101A-01-98

Scale: As Noted Date: April 2002
SHEET No. P7 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-98	2002	42	80



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	



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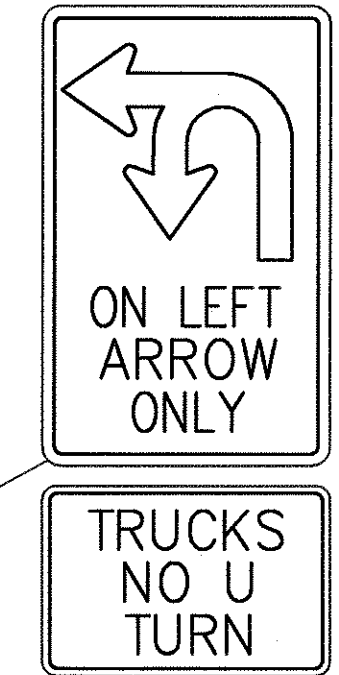
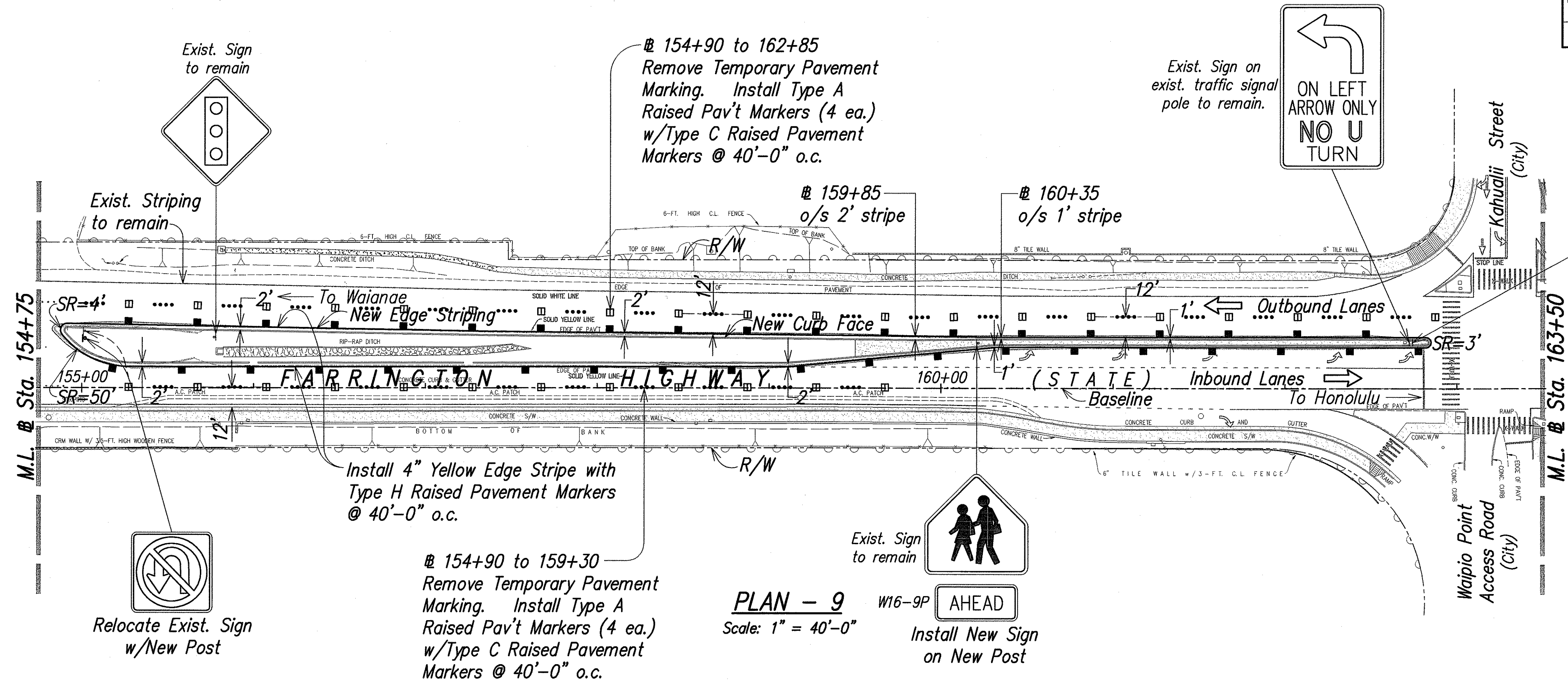
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN-7

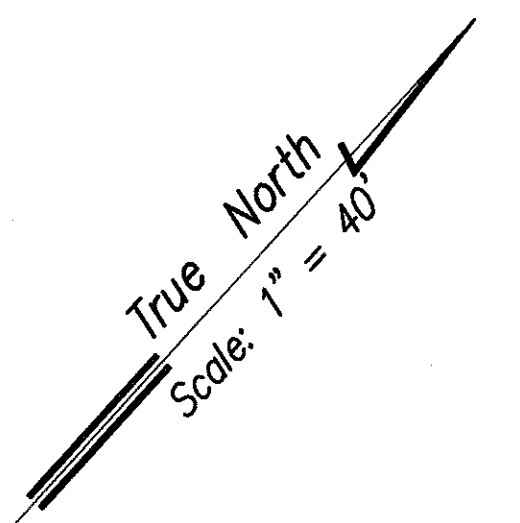
FARRINGTON HIGHWAY LANDSCAPING
Kamehameha Highway to Fort Weaver Road
Project No. 7101A-01-98

Scale: As Noted Date: April 2002
SHEET No. P8 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-98	2002	43	80



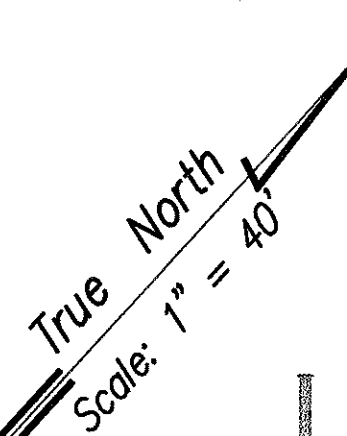
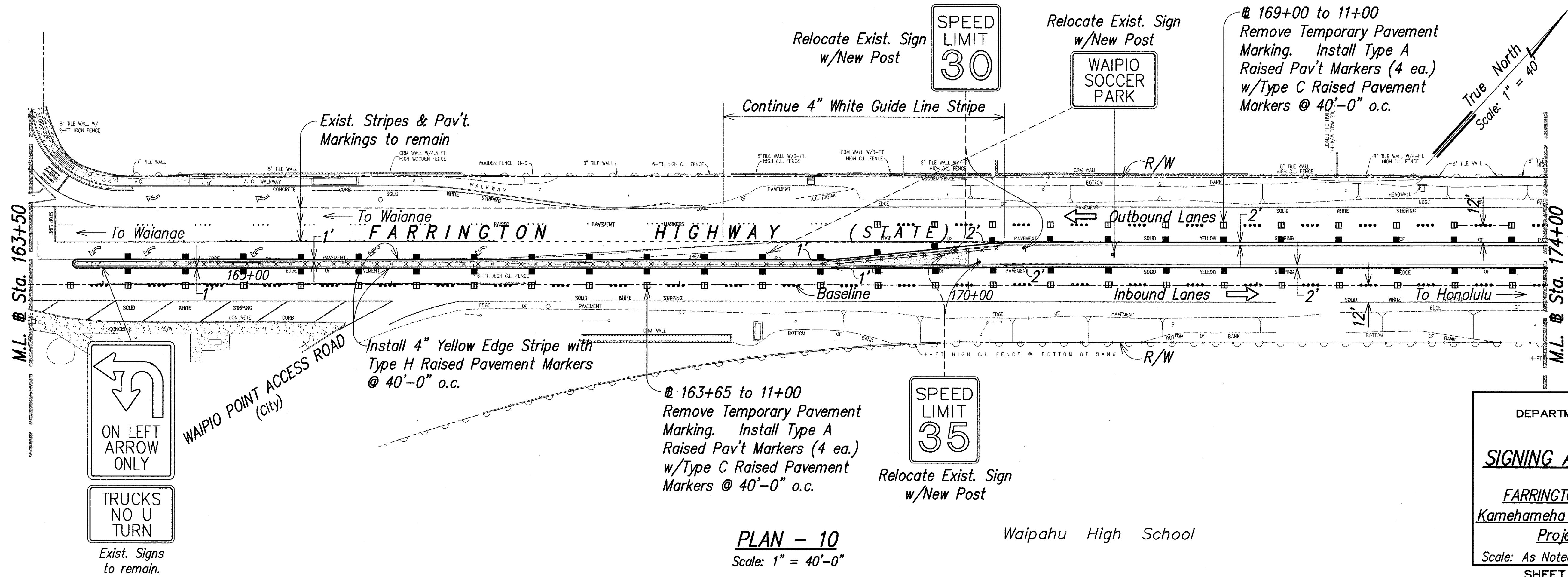
Exist. Signs on exist. traffic signal pole to remain.



PLAN - 9
Scale: 1" = 40'-0"



Install New Sign on New Post

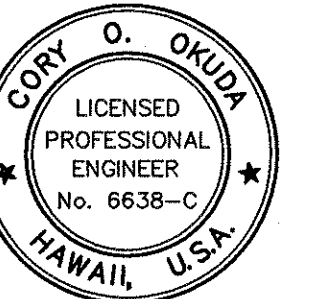


PLAN - 10
Scale: 1" = 40'-0"



Relocate Exist. Sign w/New Post

DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTED BY	_____
ORIGINAL PLAN	_____



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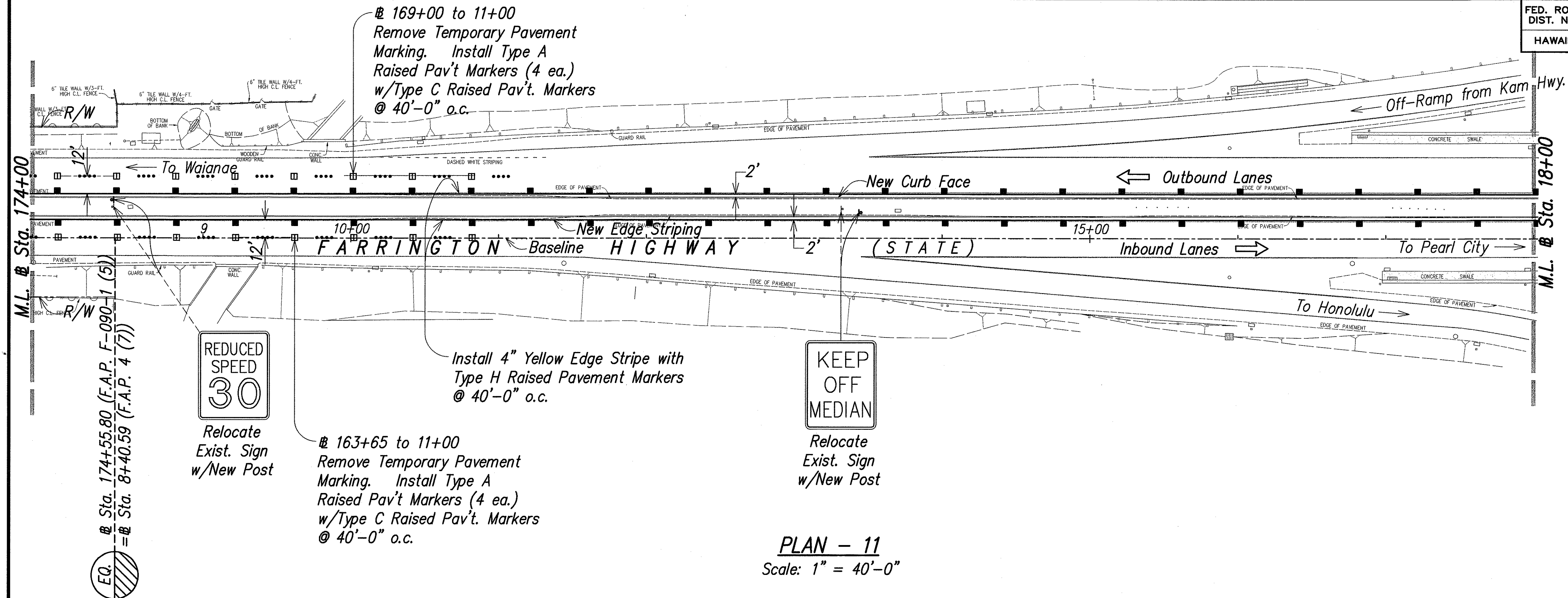
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN-8

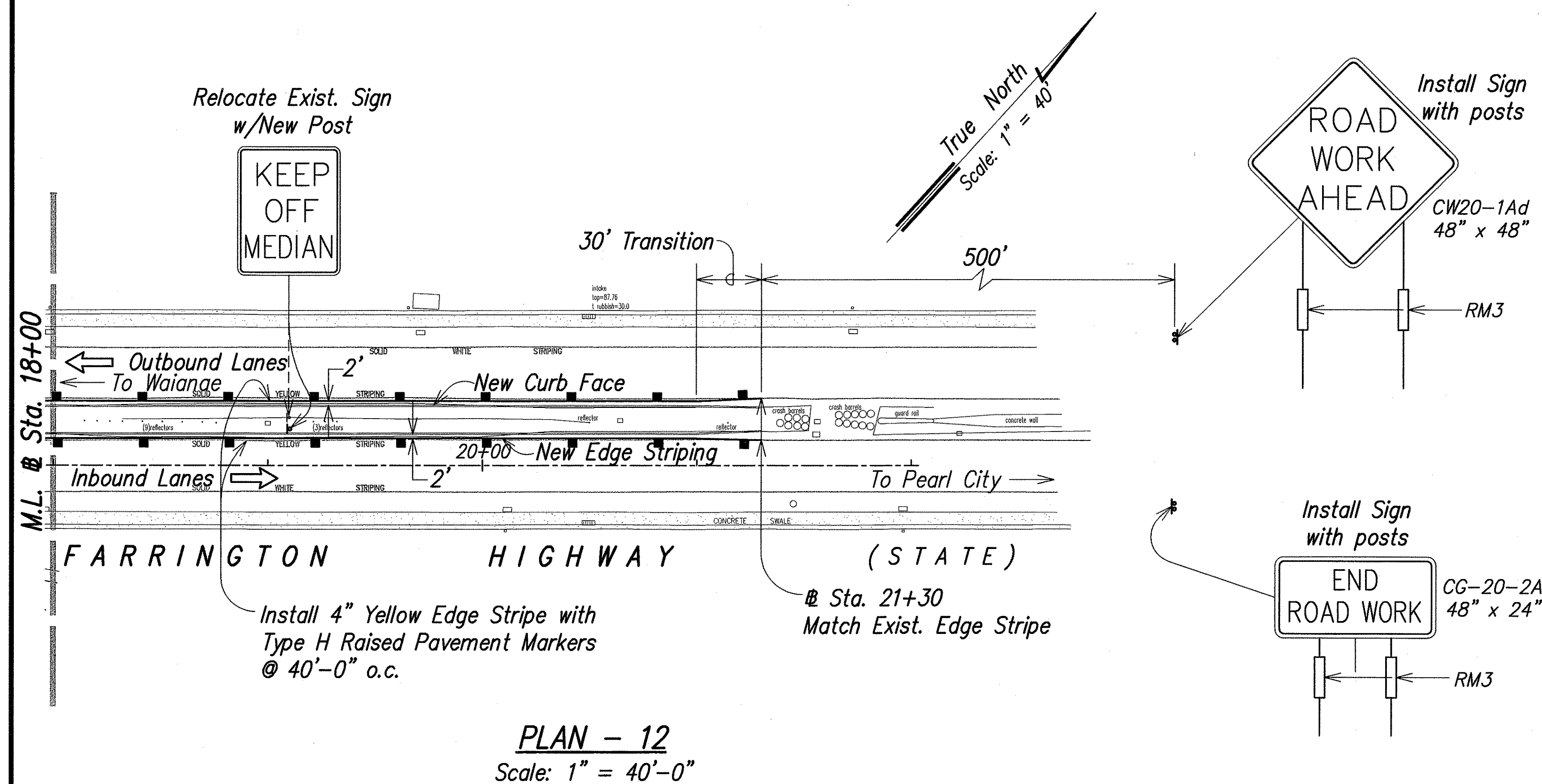
FARRINGTON HIGHWAY LANDSCAPING
Kamehameha Highway to Fort Weaver Road
Project No. 7101A-01-98

Scale: As Noted Date: April 2002
SHEET No. P9 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-98	2002	44	80

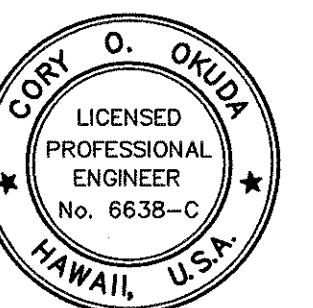


PLAN - 11
Scale: 1" = 40'-0"



PLAN - 12
Scale: 1" = 40'-0"

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGNING AND STRIPING PLAN-9
FARRINGTON HIGHWAY LANDSCAPING
Kamehameha Highway to Fort Weaver Road
Project No. 7101A-01-98
Scale: As Noted Date: April 2002
SHEET No. P10 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-98	2002	45	80

PAVEMENT MARKING SUMMARY

DESCRIPTION	QUANTITY
Pavement Markers:	
Type A	1305 ea.
Type C	384 ea.
Type H	447 ea.
Tape, Type I or Thermoplastic Extrusion:	
4-inch Pavement Stripe (White)	2055 L.F.
8-inch Pavement Stripe (White)	610 L.F.
Tape, Type II or Thermoplastic Extrusion:	
4-inch Pavement Stripe (Yellow)	18,650 L.F.
Tape, Type III or Thermoplastic Extrusion:	
4-inch Pavement Stripe (White)	1440 L.F.
Crosswalk Markings	9 Lanes
Pavement Arrow	30 ea.

REFLECTOR MARKER SUMMARY

DESCRIPTION	QUANTITY
Type RM-3 (yellow) without Post	8 ea.

CONSTRUCTION SIGN SUMMARY

SIGN No.	MESSAGE	LOCATION	w/POSTS
CW20-1Ad	"ROAD WORK AHEAD"	FARRINGTON HWY. @ STA. 52+10± RT.	1
CW20-2A	"END ROAD WORK"	FARRINGTON HWY. @ STA. 52+10± LT.	1
CW20-1Ad	"ROAD WORK AHEAD"	FARRINGTON HWY. @ STA. 26+30± LT.	1
CW20-2A	"END ROAD WORK"	FARRINGTON HWY. @ STA. 26+30± RT.	1
TOTAL			4

TRAFFIC SIGN SUMMARY

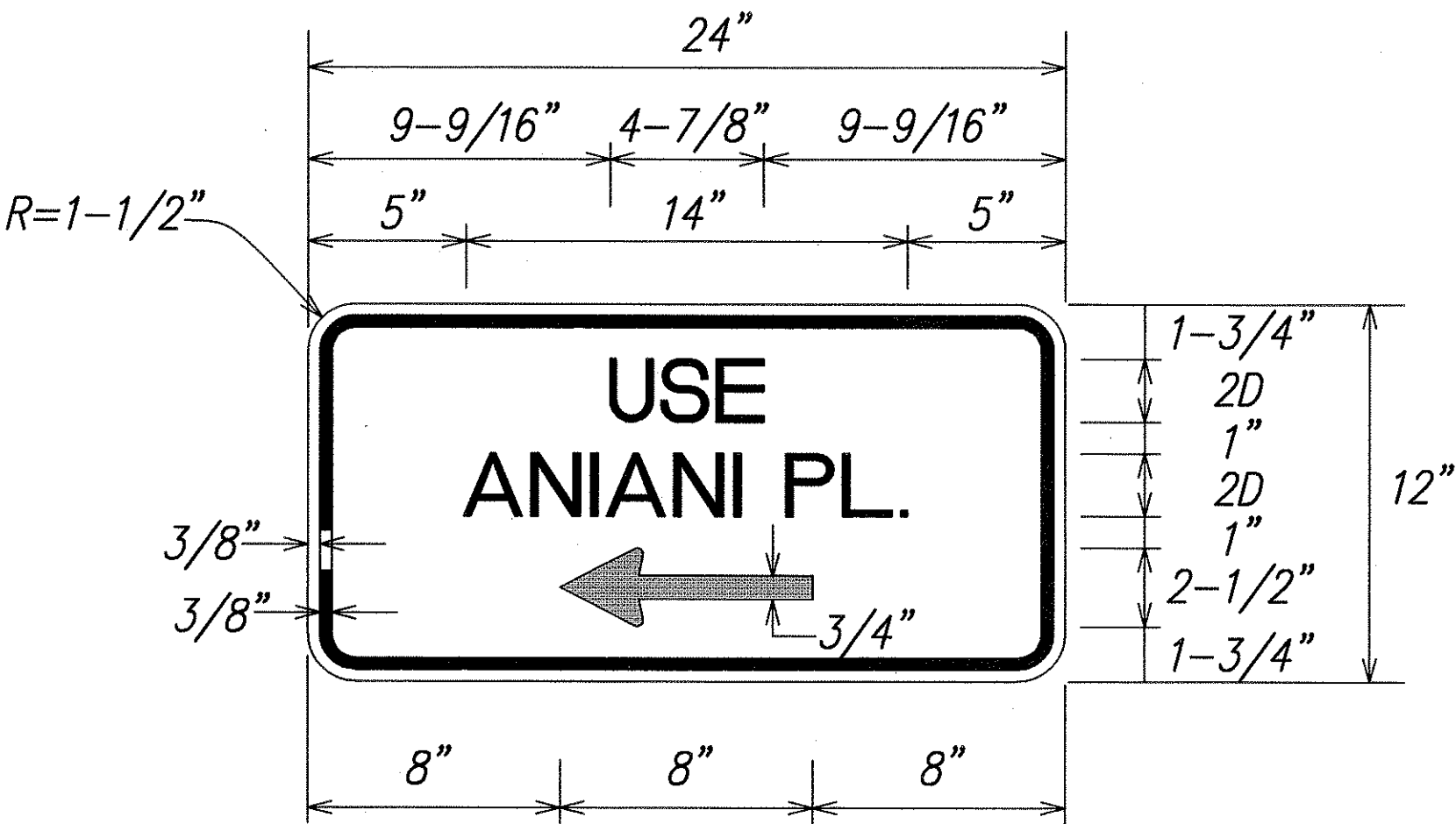
SIGN No.	MESSAGE	w/POSTS	w/o POSTS
S1-1 (FL)		4	
W16-7		2	
W16-9P	AHEAD	4	
R17-3	 ON LEFT ARROW ONLY	1	1
R3-4	NO U TURN	1	1
R17-1a	TRUCKS NO U TURN	1	
R16-7	U TURN OK	2	
SD9-6		2	
24"x12"	USE ANIANI PL. 		1
24"x15"	USE WAIPAHU DEPOT RD. 		1

Relocation of existing signs with New Posts.....24 ea.

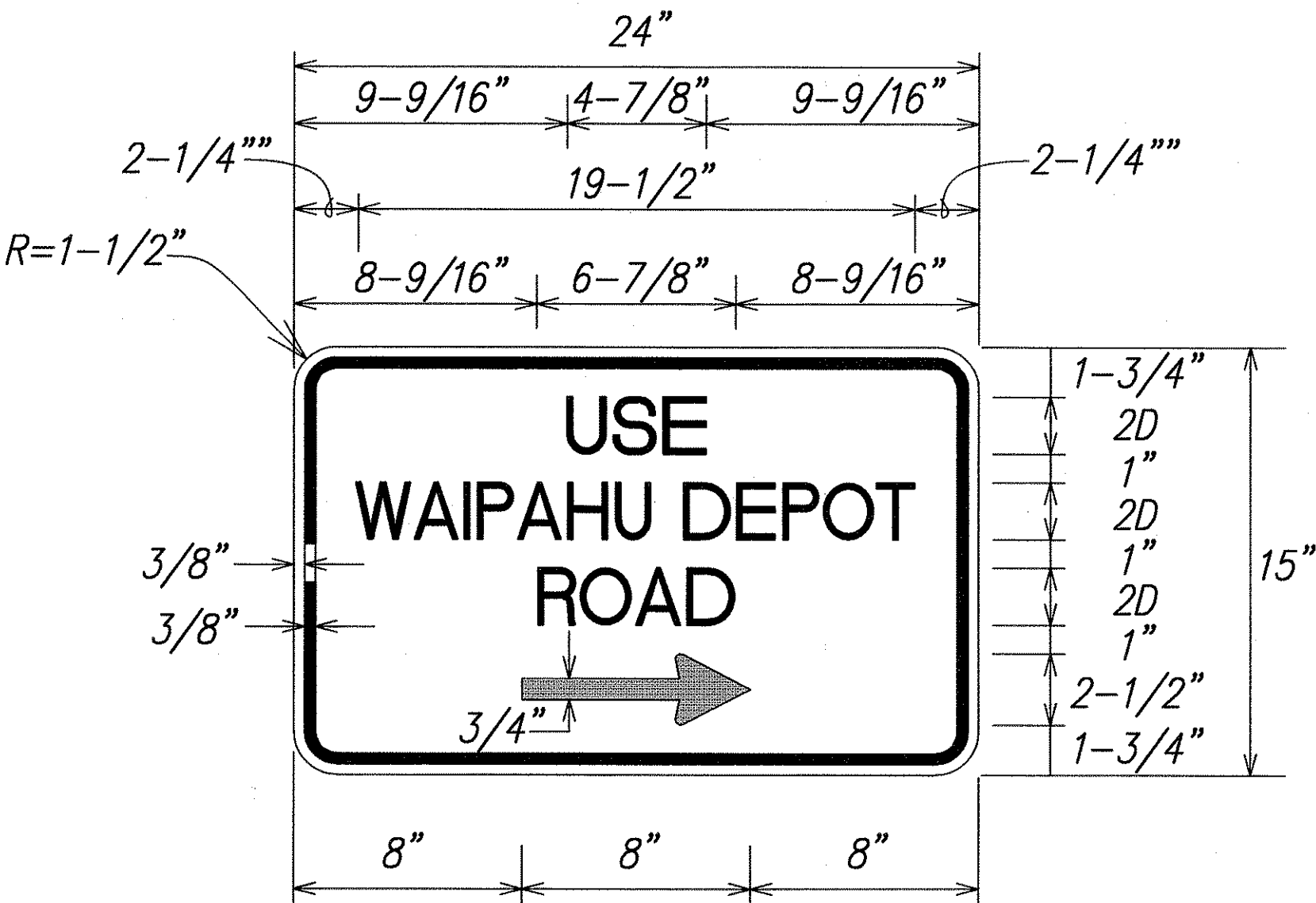


Legend & Border : White (reflectorized)
Background : Blue

SD9-6
24" x 24"



24" x 12"



24" x 15"
ADA DIRECTIONAL SIGNS
Not to Scale



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SUMMARIES

FARRINGTON HIGHWAY LANDSCAPING
Kamehameha Highway to Fort Weaver Road
Project No. 7101A-01-98

Scale: As Noted Date: April 2002
SHEET No. P11 OF 11 SHEETS