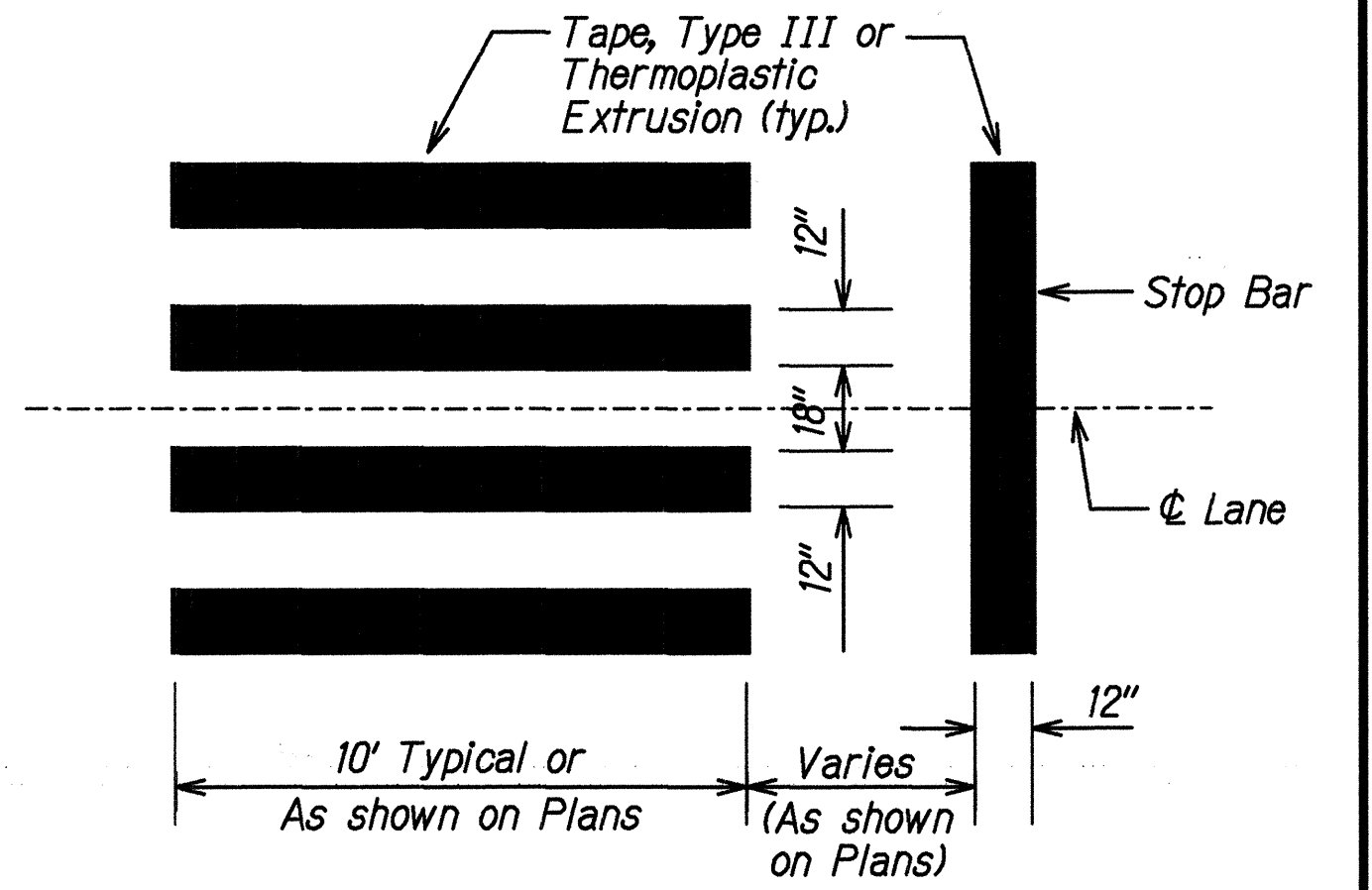
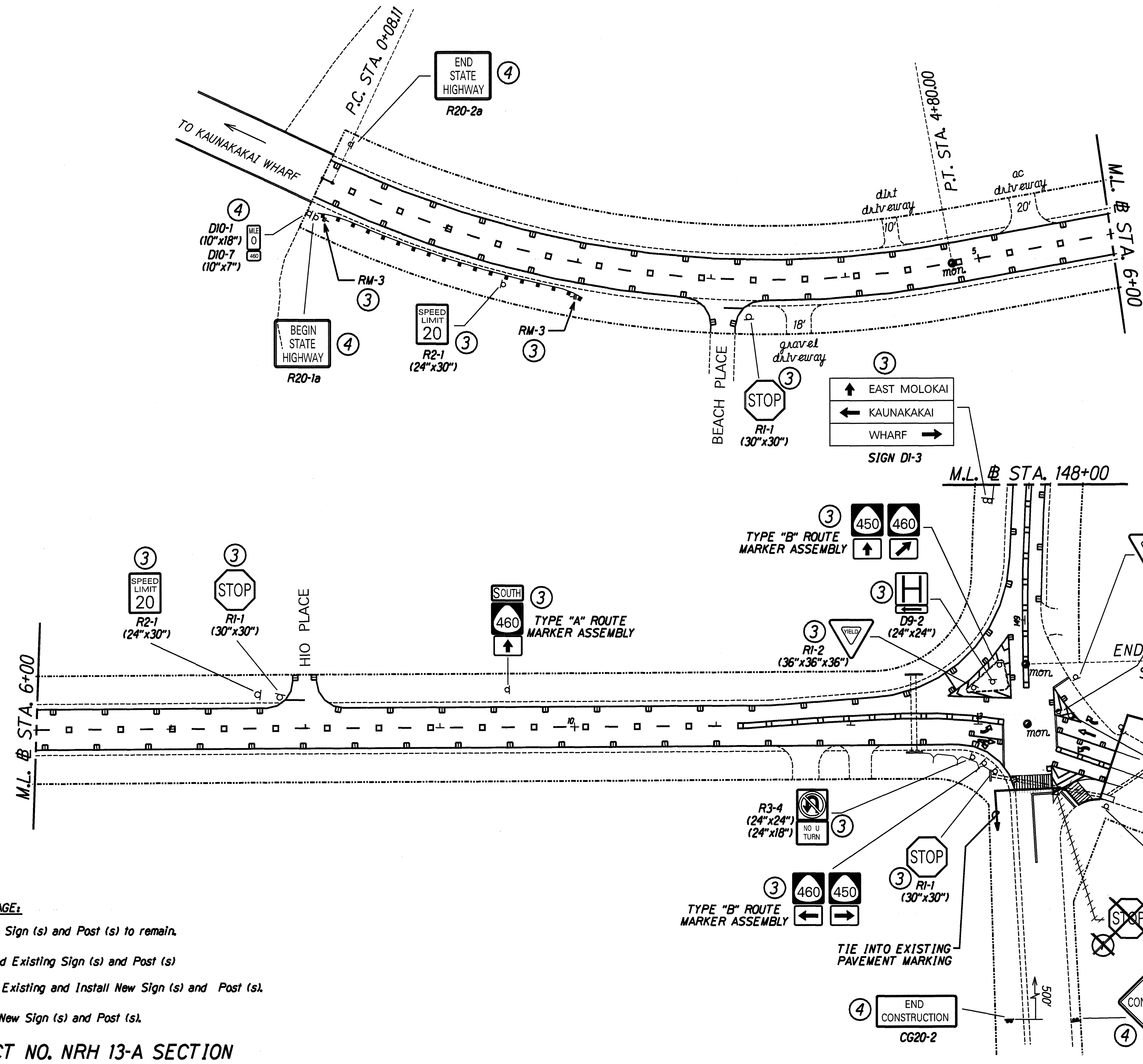
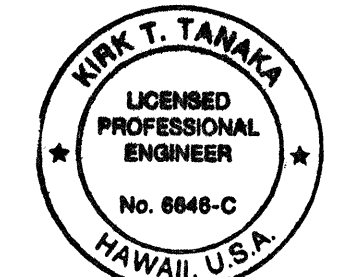


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	25	39



CROSSWALK STRIPING DETAIL
NOT TO SCALE



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R. T. TANAKA ENGINEERS, INC.
CIVIL ENGINEERING - LAND SURVEYING

- KEY TO SIGNAGE:**
- ① Existing Sign (s) and Post (s) to remain.
 - ② Relocated Existing Sign (s) and Post (s)
 - ③ Remove Existing and Install New Sign (s) and Post (s).
 - ④ Install New Sign (s) and Post (s).

DATE	.....
SURVEY PLOTTED BY	.....
DRAWN BY	.....
TRACED BY	.....
NOTES BOOK	.....
QUANTITIES BY	.....
CHECKED BY	.....

U.S.P.W. PROJECT NO. NRH 13-A SECTION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

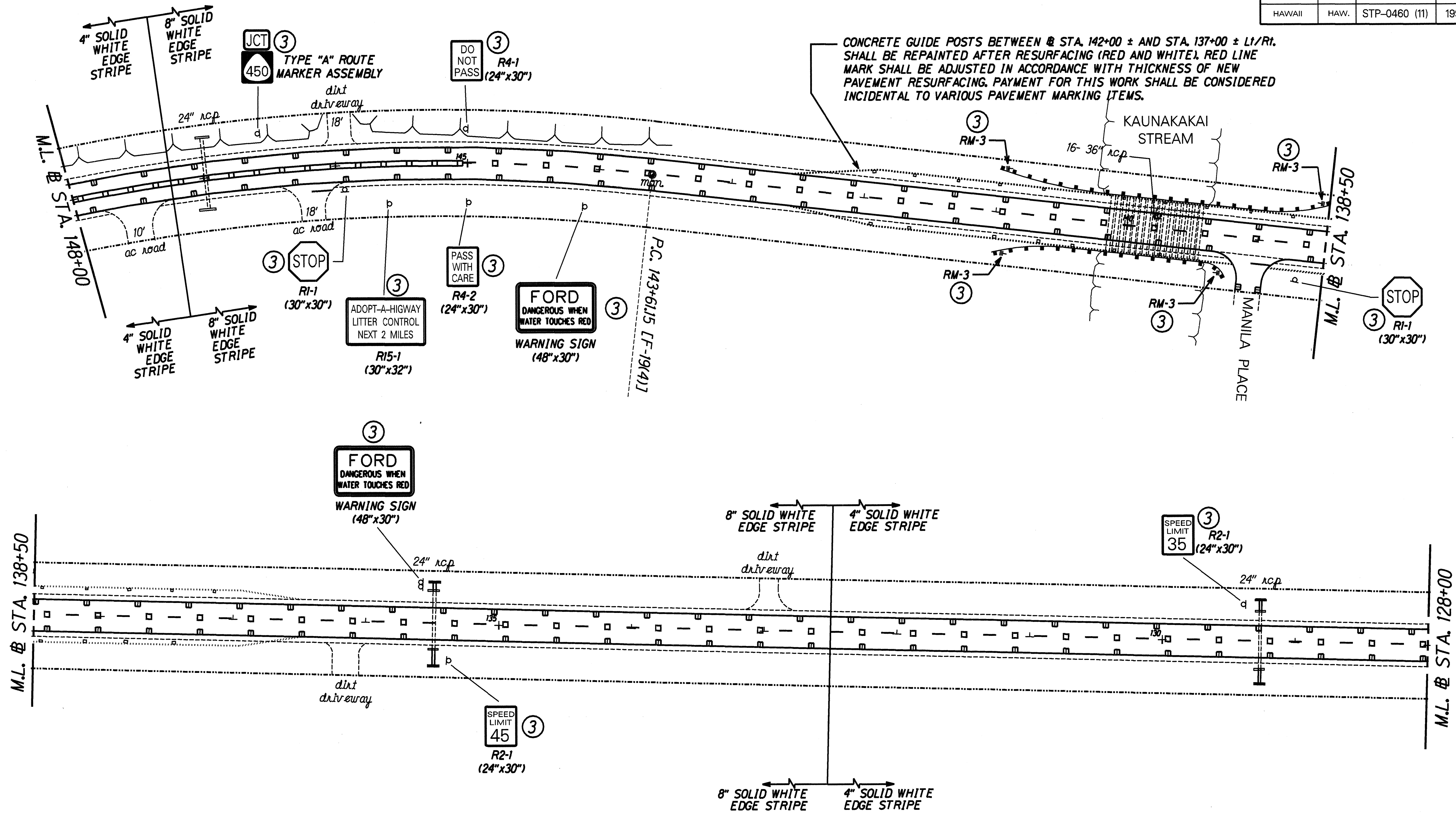
SIGNING AND PAVEMENT MARKING PLAN

MAUNALOA HIGHWAY RESURFACING
KAUNAKAKAI WHARF
TO HOOLEHUA
FEDERAL AID PROJECT NO. STP-0460 (11)

Scale: 1" = 40' Date: MAY, 1996

SHEET No. 1 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	26	39

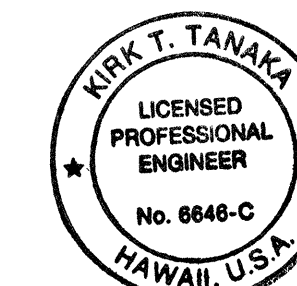


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- ③ Remove Existing and Install New Sign (s) and Post (s).
- ④ Install New Sign (s) and Post (s).

SURVEY PLANNED BY	DATE
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

F.A.P. NO. F-19(4) SECTION



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Kirk T. Tanaka
R. T. TANAKA ENGINEERS, INC.
 CIVIL ENGINEERING - LAND SURVEYING

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

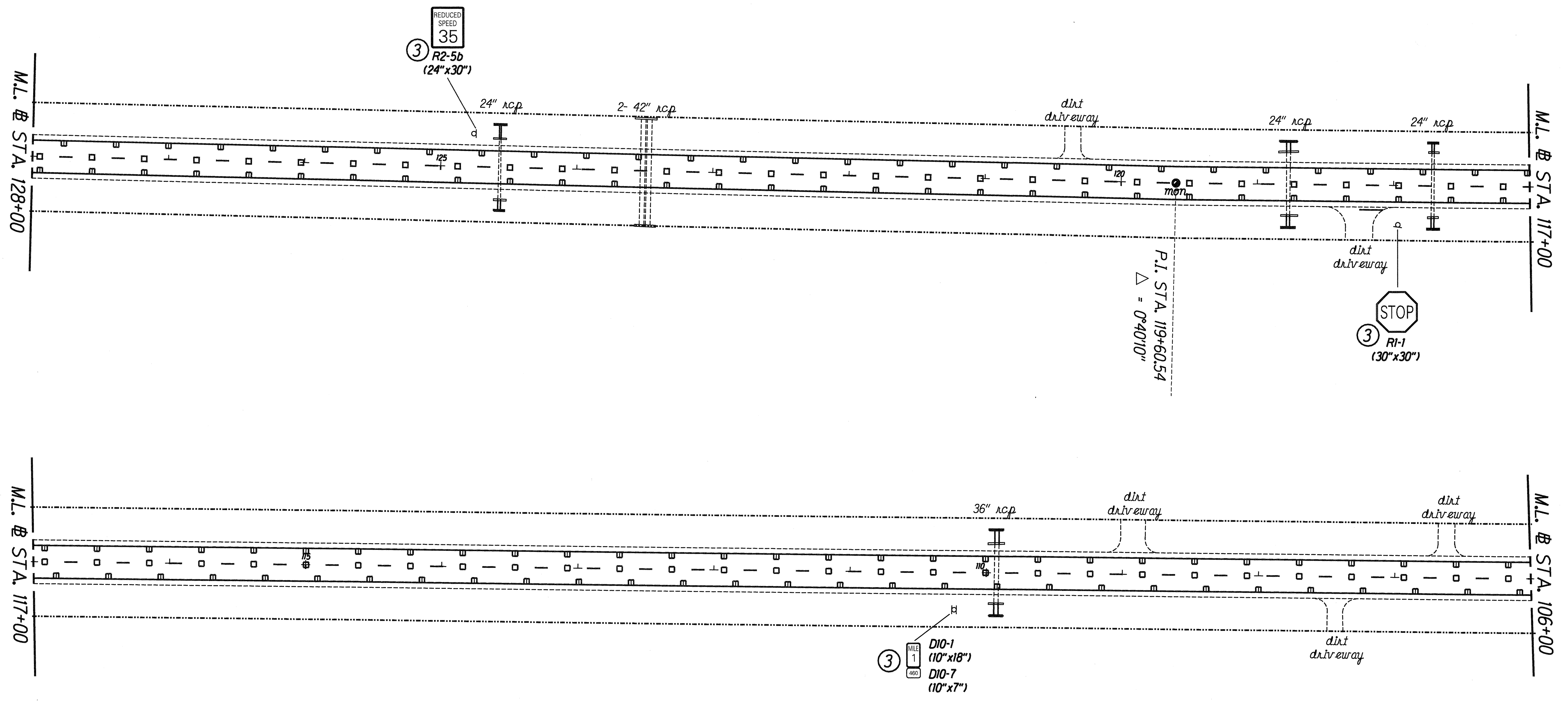
SIGNING AND PAVEMENT MARKING PLAN

MAUNALO A HIGHWAY RESURFACING
 KAUNAKAKAI WHARF
 TO HOOLEHUA

FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40' Date: MAY, 1996

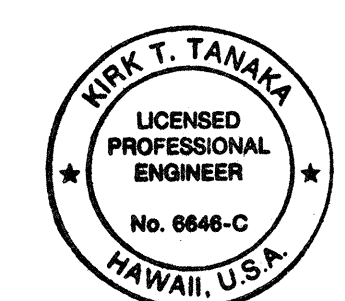
SHEET No. 2 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	27	39



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE WORK	DRAWN BY	
20/11/1996	DESIGNED BY	
	CHECKED BY	

F.A.P. NO. F-19(4) SECTION

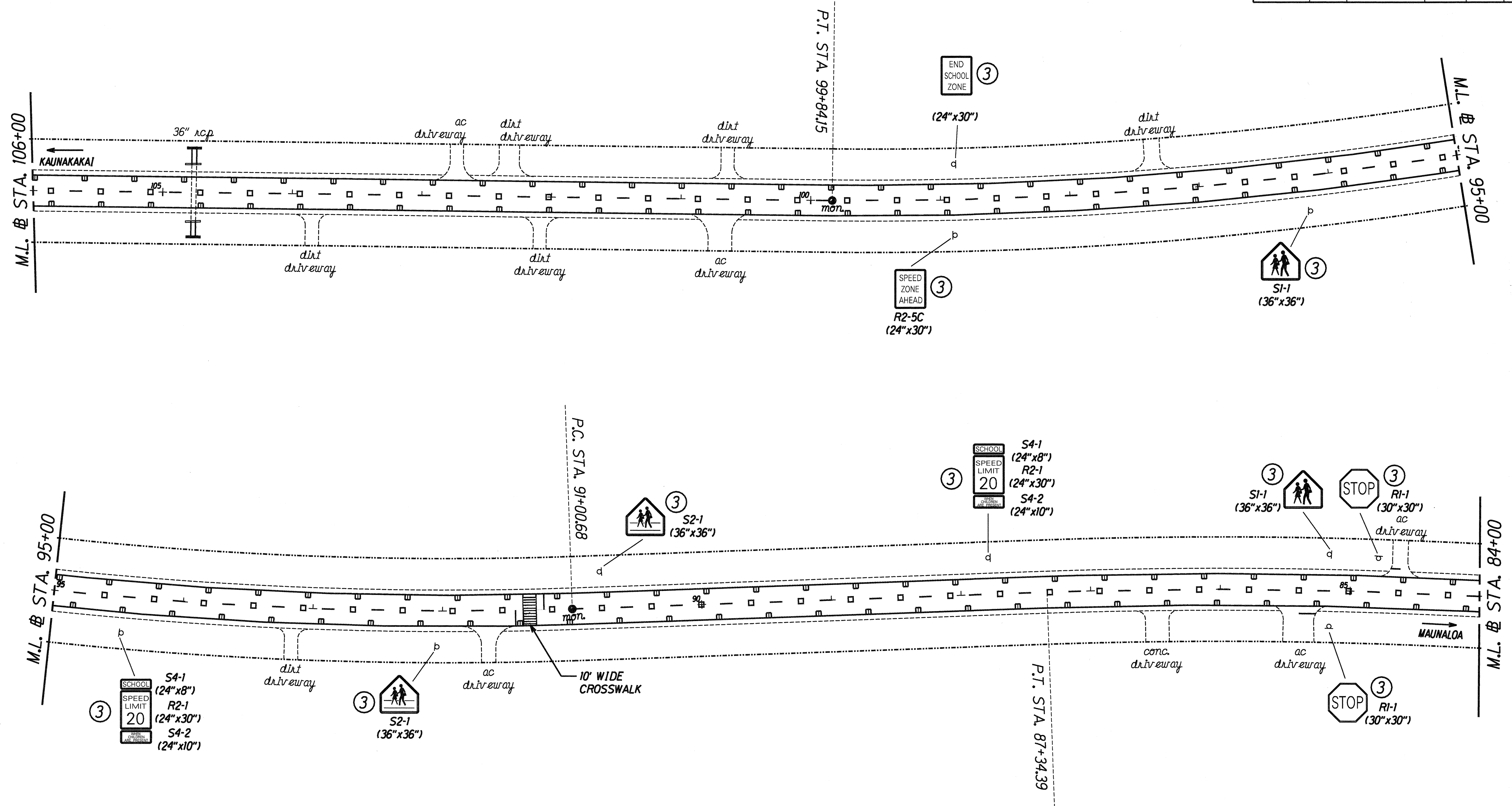


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 CIVIL ENGINEERING - LAND SURVEYING

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNING AND PAVEMENT MARKING PLAN
 MAUNALOA HIGHWAY RESURFACING
 KAUNAKAKAI WHARF TO HOOLEHUA
 FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40' Date: MAY, 1996
 SHEET No. 3 OF 14 SHEETS

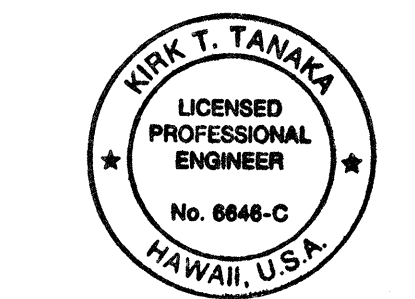
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	28	39



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 - ② Relocated Existing Sign (s) and Post (s)
 - ③ Remove Existing and Install New Sign (s) and Post (s).
 - ④ Install New Sign (s) and Post (s).

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTIFIED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
244117/14/00	

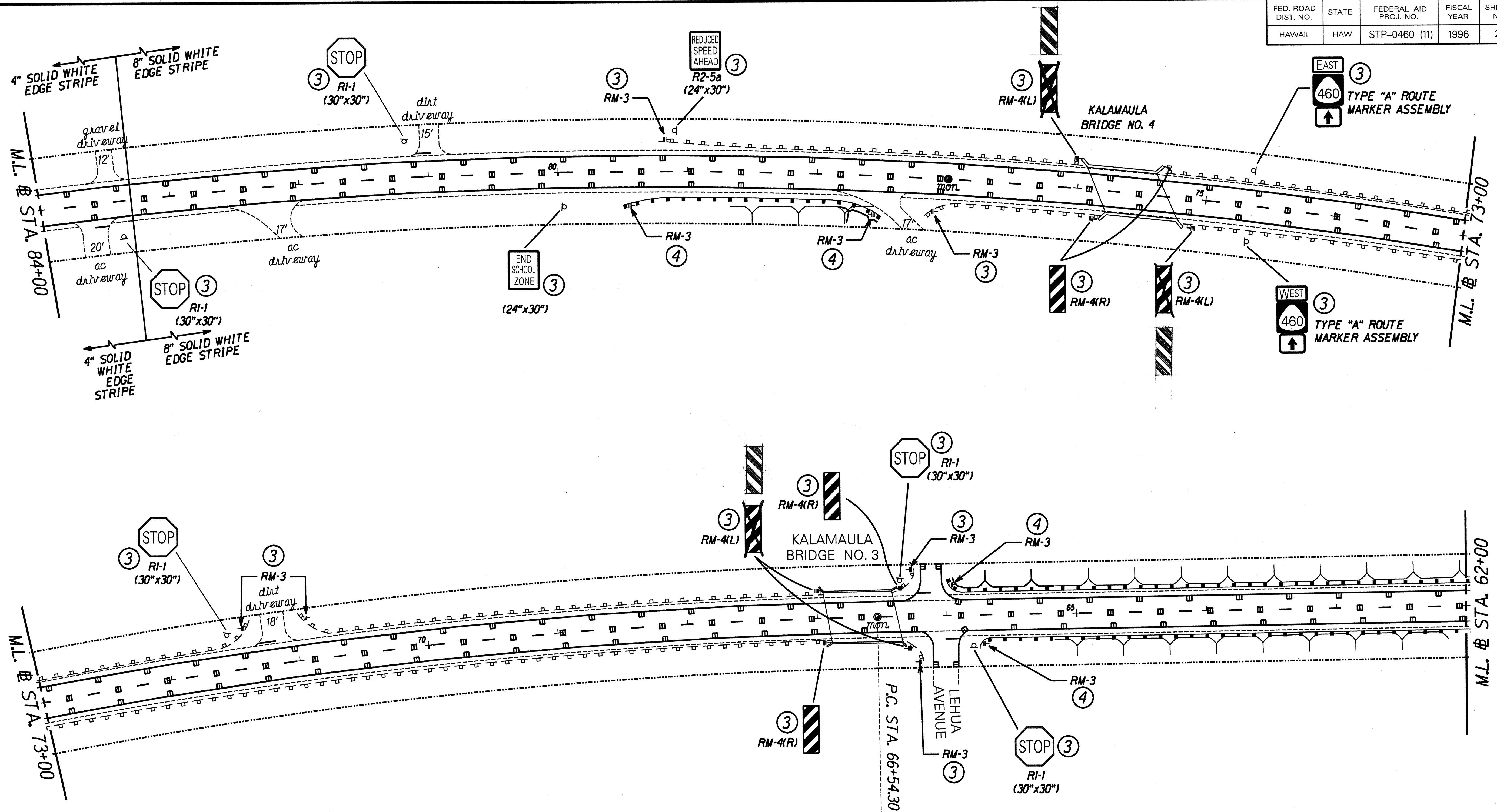
F.A.P. NO. F-19(4) SECTION



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R. T. TANAKA ENGINEERS, INC.
 CIVIL ENGINEERING - LAND SURVEYING

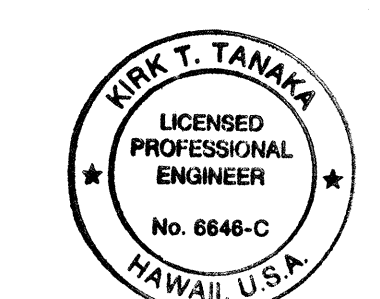
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNING AND PAVEMENT MARKING PLAN
 MAUNALOA HIGHWAY RESURFACING
 KAUNAKAKAI WHARF TO HOOLEHUA
 FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40' Date: MAY, 1996
 SHEET No. 4 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	29	39



DATE	
SURVEY PLANNED BY	
DRAWN BY	
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NO. _____	

- KEY TO SIGNAGE:**
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 - ④ Install New Sign (s) and Post (s).



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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNING AND PAVEMENT MARKING PLAN

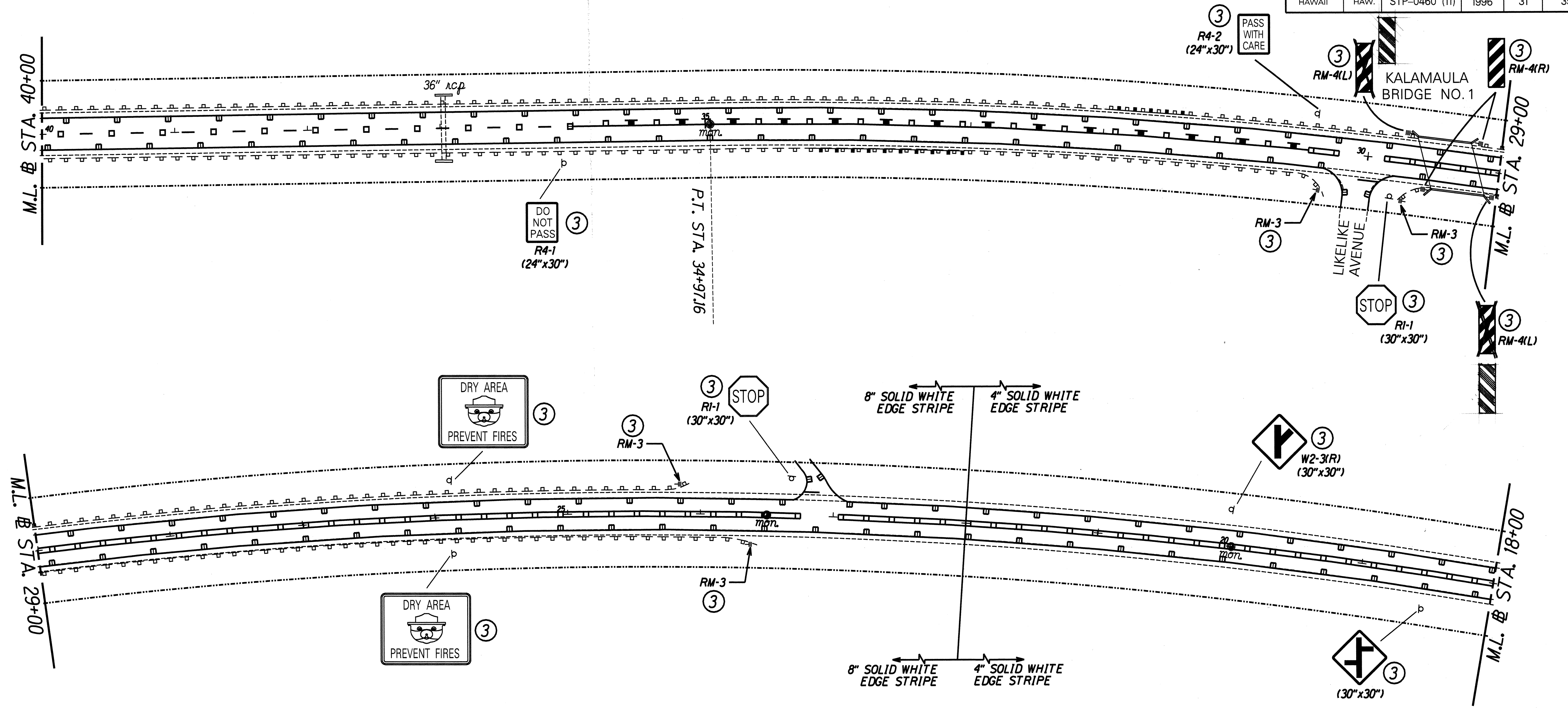
MAUNALOA HIGHWAY RESURFACING TO HOOLEHUA

FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40' Date: MAY, 1996

SHEET No. 5 OF 14 SHEETS

F.A.P. NO. F-19(4) SECTION

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	31	39

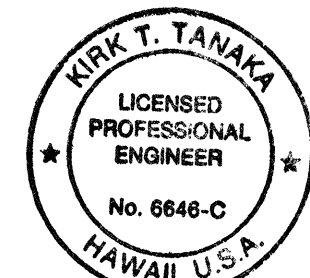


KEY TO SIGNAGE:

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- ③ Remove Existing and Install New Sign (s) and Post (s).
- ④ Install New Sign (s) and Post (s).

DESIGNED BY	DATE
CHECKED BY	
QUANTITIES BY	
REVISIONS	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

F.A.P. NO. F-19(4) SECTION


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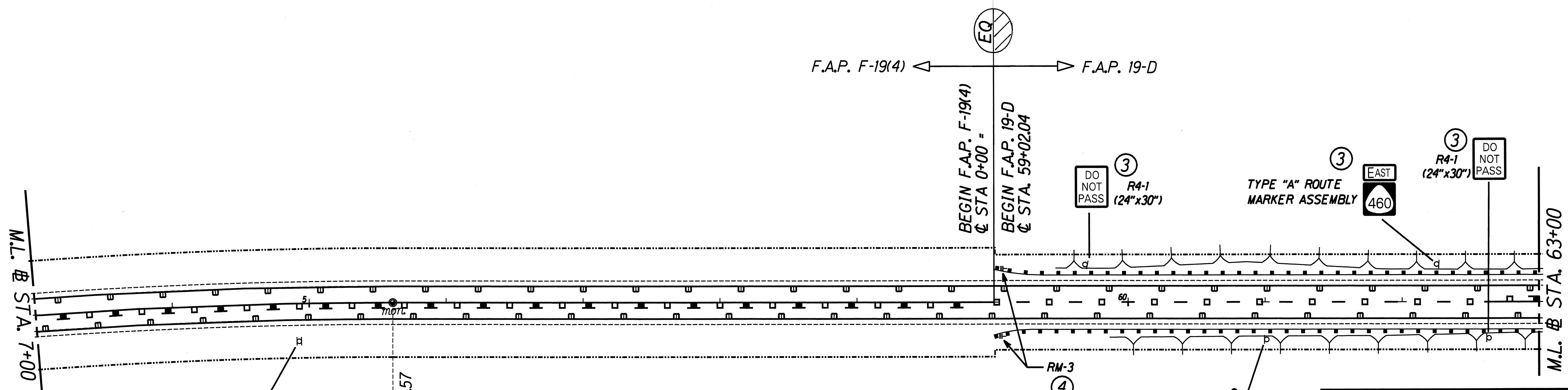
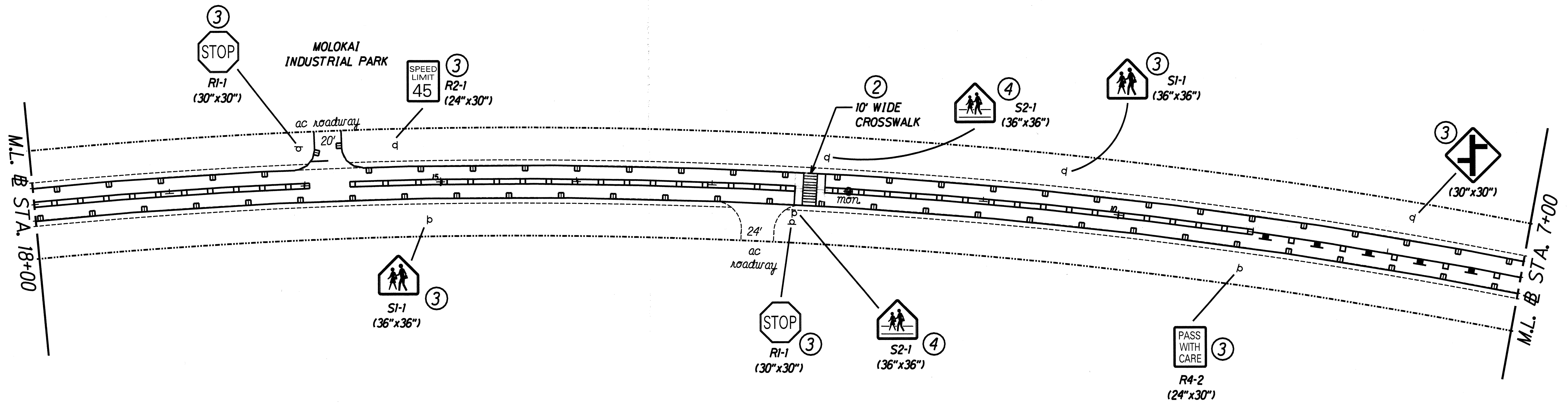
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND PAVEMENT
MARKING PLAN

MAUNALO A HIGHWAY RESURFACING
KAUNAKAKAI WHARF
TO HOOLEHUA
FEDERAL AID PROJECT NO. STP-0460 (11)
Scale: 1" = 40' Date: MAY, 1996

SHEET No. 7 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	32	39

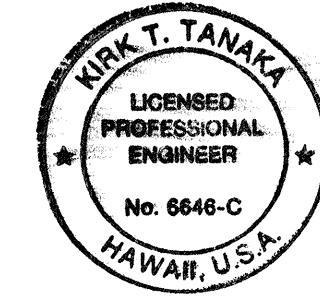


DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	

D10-1 (10"x18")
D10-7 (10"x7")

P.C. STA. 4+39.57

- KEY TO SIGNAGE:**
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 - ④ Install New Sign (s) and Post (s).



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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNING AND PAVEMENT MARKING PLAN

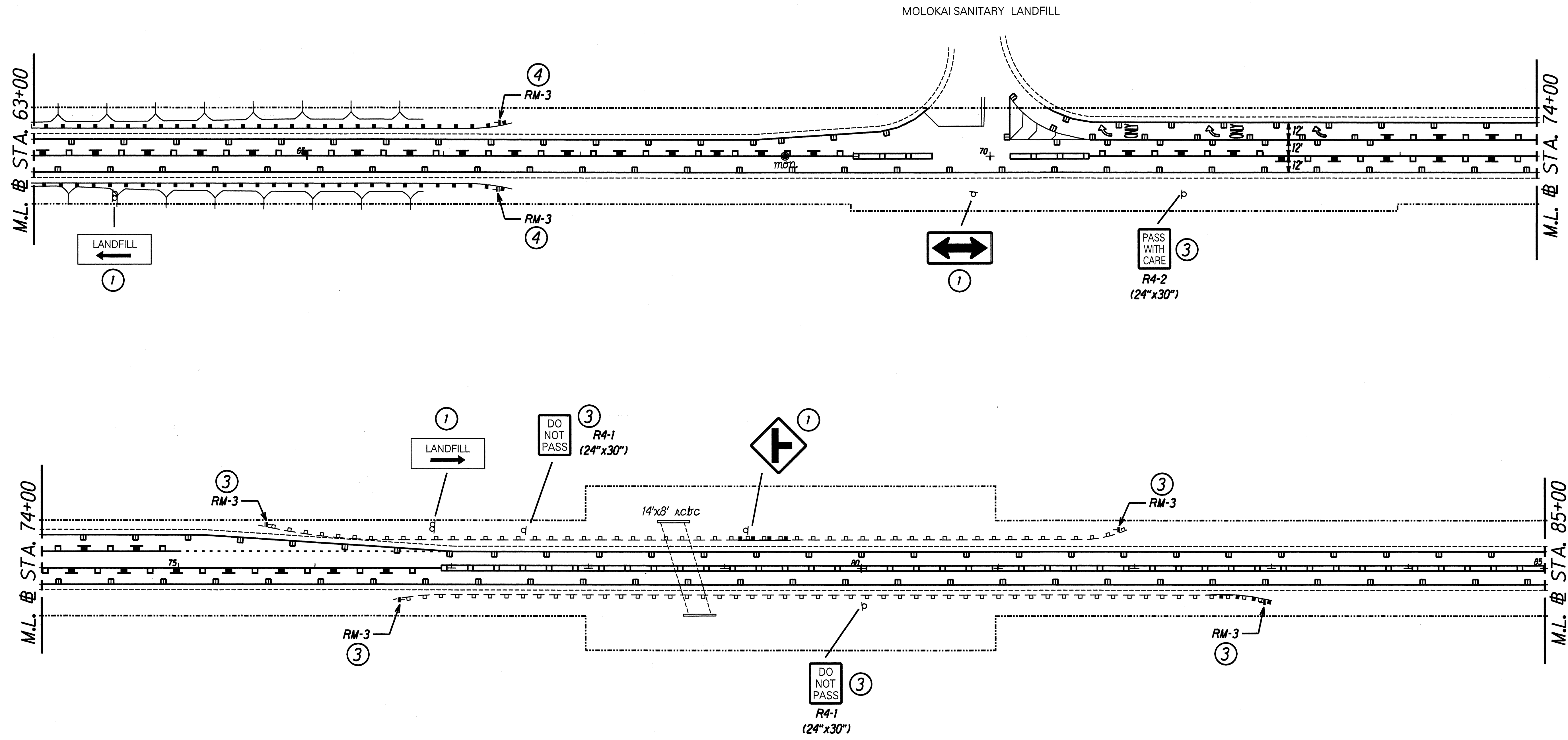
MAUNALOHA HIGHWAY RESURFACING
 KAUNAKAKAI WHARF
 TO HOOLEHUA

FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40' Date: MAY, 1996

SHEET No. 8 OF 14 SHEETS

F.A.P. NO. F-19(4) SECTION

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	33	39




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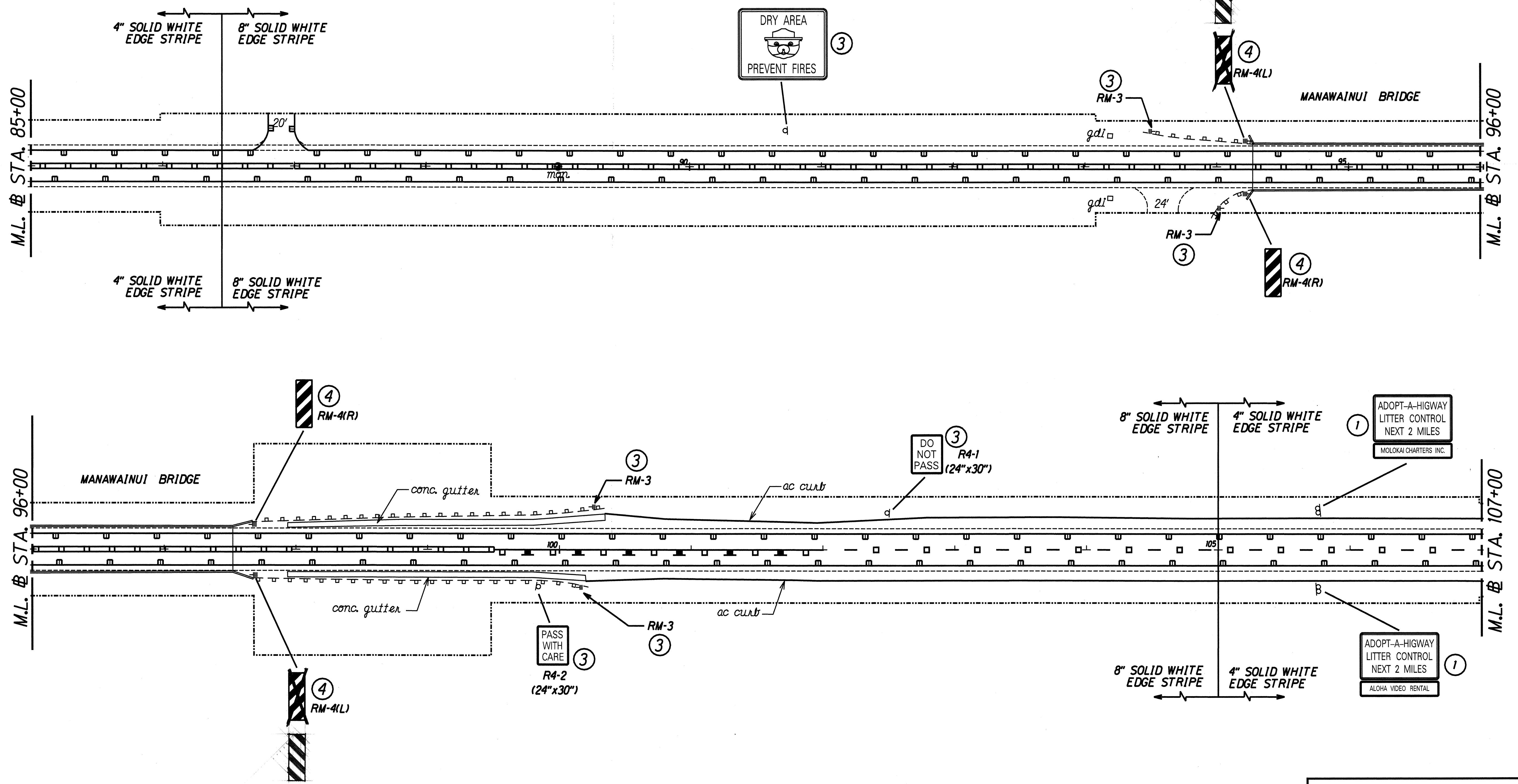
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DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
QUANTITIES BY	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
QUANTITIES BY	_____

F.A.P. NO. 19-D SECTION


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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNING AND PAVEMENT
MARKING PLAN
 MAUNALOA HIGHWAY RESURFACING
 KAUNAKAKAI WHARF
 TO HOOLEHUA
 FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40' Date: MAY, 1996
 SHEET No. 9 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	34	39



DATE	.....
SURVEY PLOTTED BY	.....
DRAWN BY	.....
NOTE BOOK DESIGNED BY	.....
CHECKED BY	.....
ORIGINAL PLAN	.....
NOTE BOOK	.....
QUANTITY	.....

F.A.P. NO. 19-D SECTION

KIRK T. TANAKA
 LICENSED PROFESSIONAL ENGINEER
 No. 8848-C
 HAWAII, U.S.A.

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R. T. Tanaka
R. T. TANAKA ENGINEERS, INC.
 CIVIL ENGINEERING - LAND SURVEYING

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

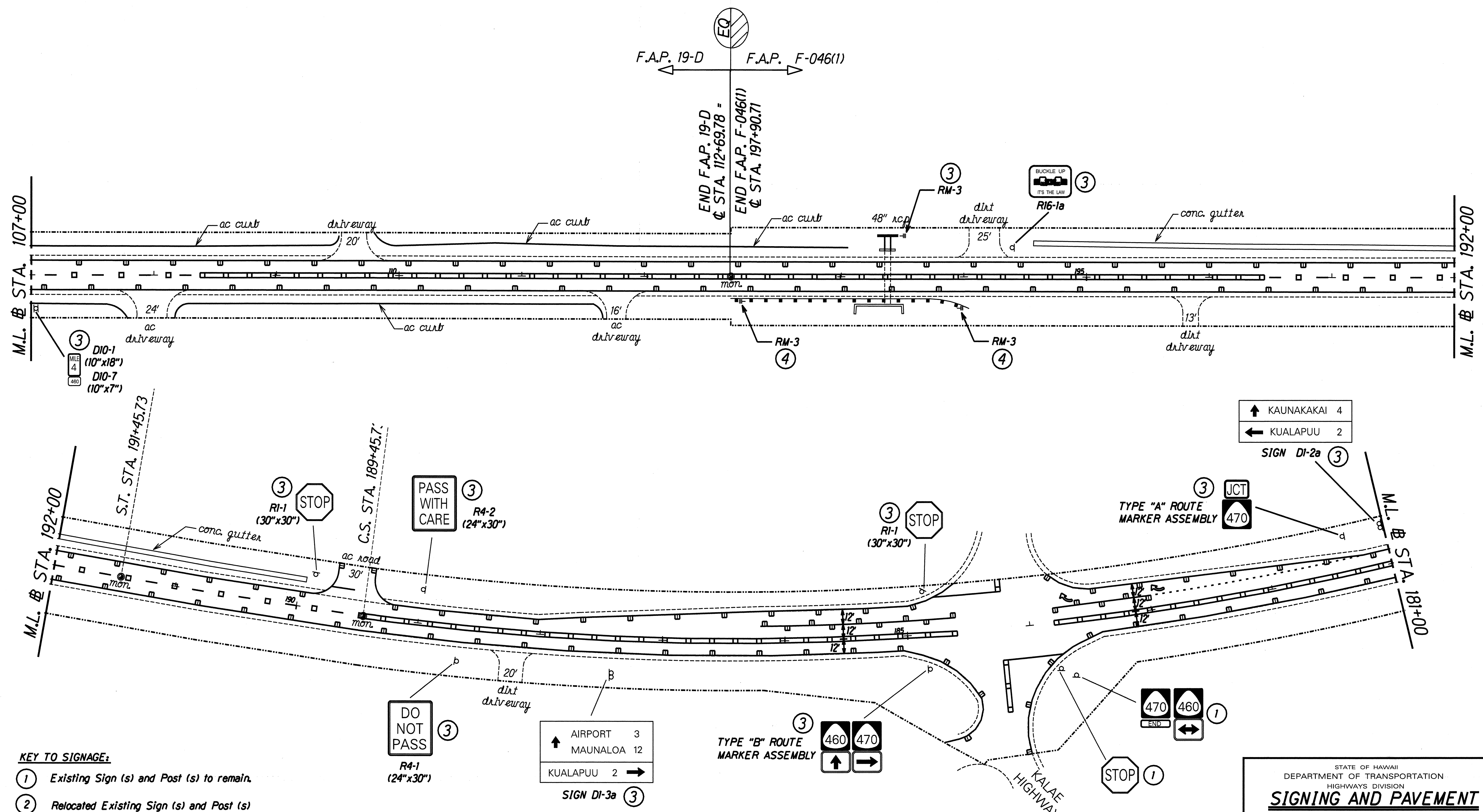
SIGNING AND PAVEMENT MARKING PLAN

MAUNALOA HIGHWAY RESURFACING
 KAUNAKAKAI WHARF TO HOOLEHUA

FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40' Date: MAY, 1996

SHEET No. 10 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	35	39



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 - ④ Install New Sign (s) and Post (s).

DATE
DESIGNED BY
CHECKED BY
DATE
DESIGNED BY
CHECKED BY	.....

F.A.P. NO. F-046(1) SECTION

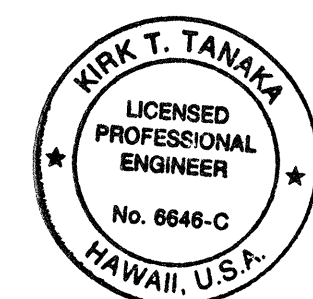
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND PAVEMENT MARKING PLAN

MAUNALOA HIGHWAY RESURFACING
KAUNAKAKAI WHARF TO HOOLEHUA

FEDERAL AID PROJECT NO. STP-0460 (11)
Scale: 1" = 40' Date: MAY, 1996

SHEET No. 11 OF 14 SHEETS

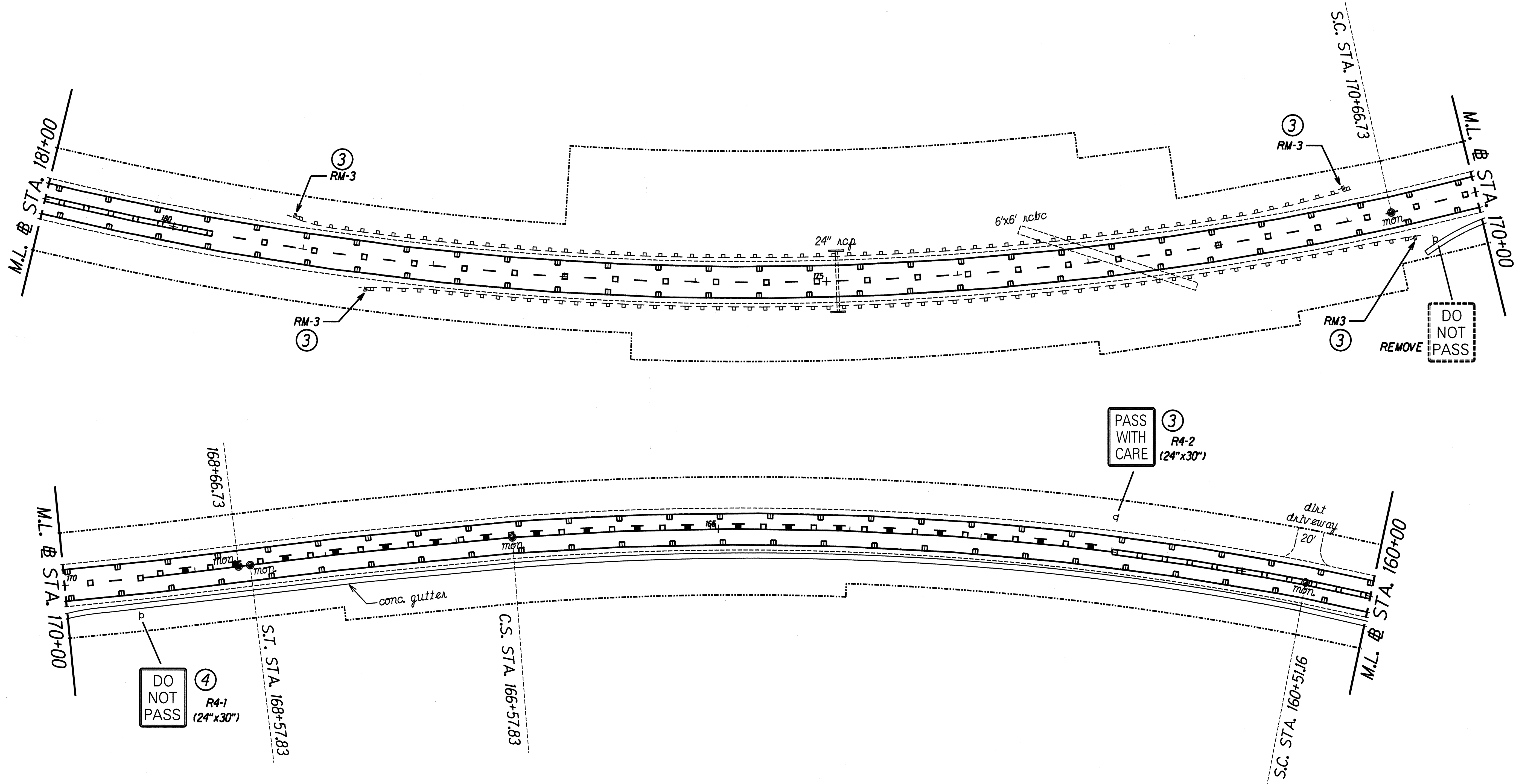


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CIVIL ENGINEERING - LAND SURVEYING

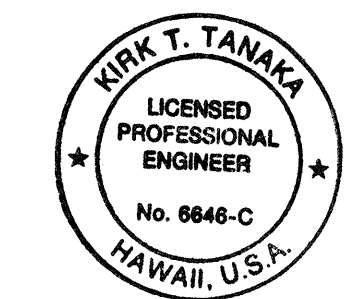
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	36	39



DATE	.....
SURVEY PLOTTED BY	.....
DRAWN BY	.....
TRACED BY	.....
NOTED BY	.....
QUANTITIES BY	.....
CHECKED BY
ORIGINAL PLAN
NO. OF BOOK
QUANTITY
CHECKED BY
NO.

- KEY TO SIGNAGE:**
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 - ④ Install New Sign (s) and Post (s).

F.A.P. NO. F-046(1) SECTION



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 CIVIL ENGINEERING - LAND SURVEYING

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

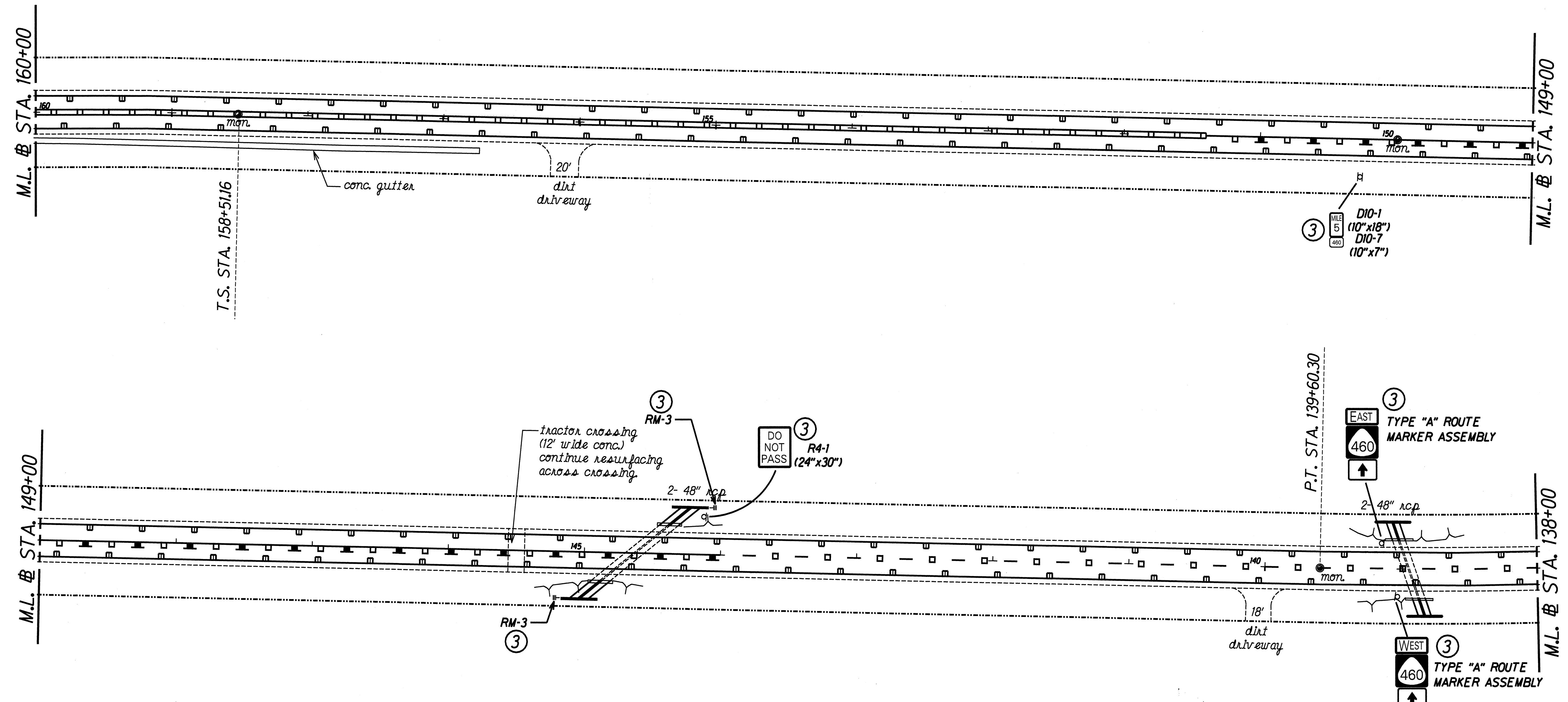
SIGNING AND PAVEMENT MARKING PLAN

**MAUNALOA HIGHWAY RESURFACING
 KAUNAKAKAI WHARF
 TO HOOLEHUA**

FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40' Date: MAY, 1996

SHEET No. 12 OF 14 SHEETS

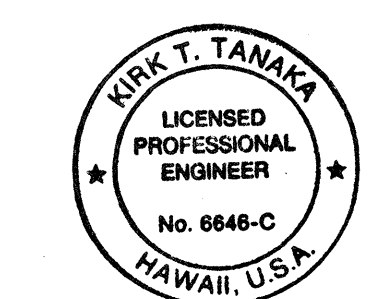
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	37	39



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

F.A.P. NO. F-046(1) SECTION



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 CIVIL ENGINEERING - LAND SURVEYING

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

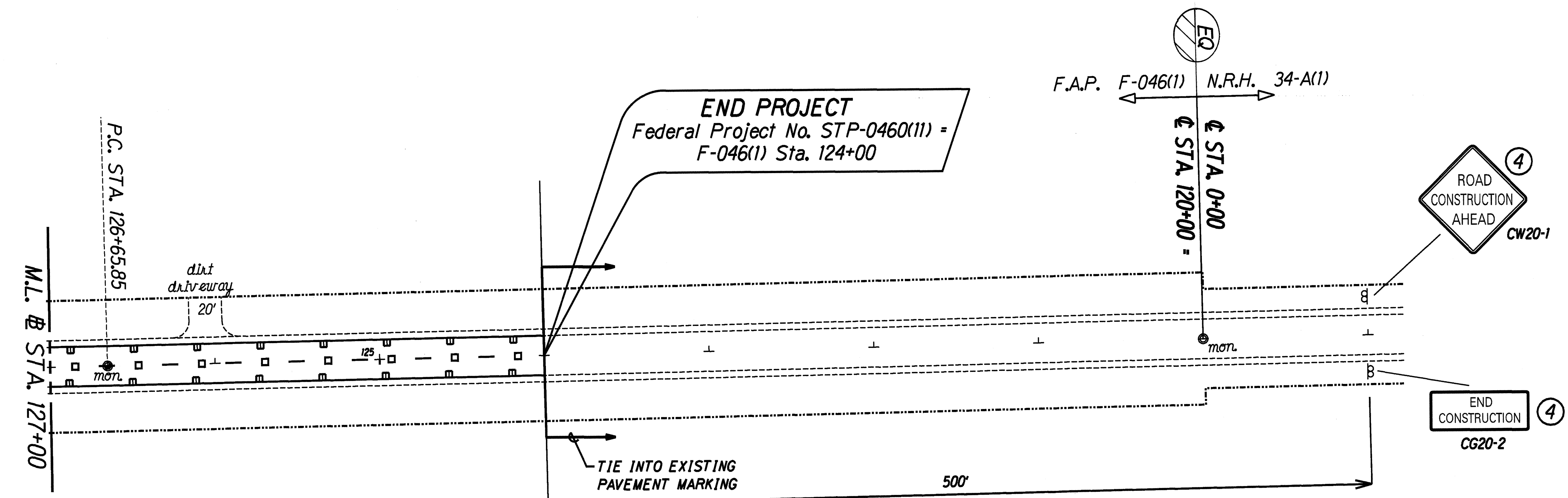
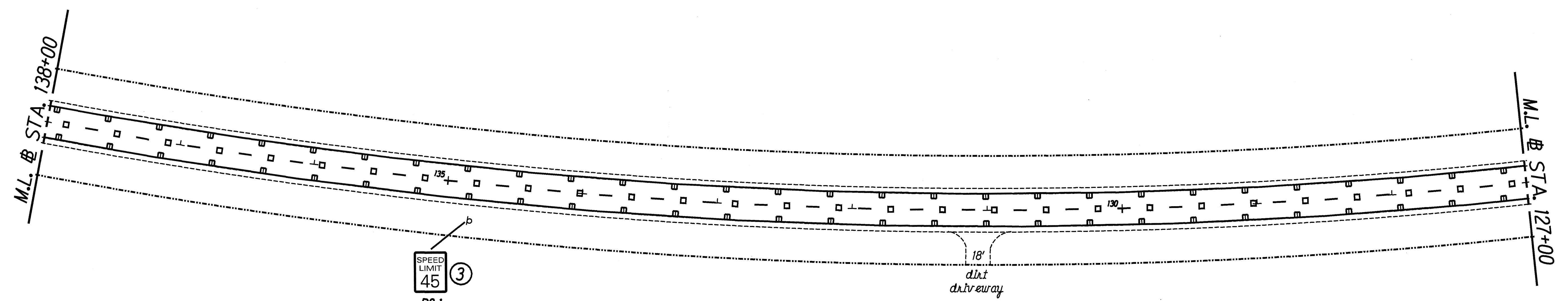
SIGNING AND PAVEMENT MARKING PLAN

MAUNALOA HIGHWAY RESURFACING
 KAUNAKAKAI WHARF
 TO HOOLEHUA

FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40' Date: MAY, 1996

SHEET No. 13 OF 14 SHEETS

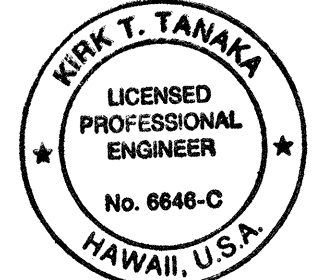
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0460 (11)	1996	38	39



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 - ④ Install New Sign (s) and Post (s).

F.A.P. NO. F-046(1) SECTION

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
REVISIONS	_____


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R. T. Tanaka
R. T. TANAKA ENGINEERS, INC.
 CIVIL ENGINEERING - LAND SURVEYING

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNING AND PAVEMENT MARKING PLAN
MAUNALOA HIGHWAY RESURFACING TO HOOLEHUA
 FEDERAL AID PROJECT NO. STP-0460 (11)
 Scale: 1" = 40' Date: MAY, 1996
 SHEET No. 14 OF 14 SHEETS