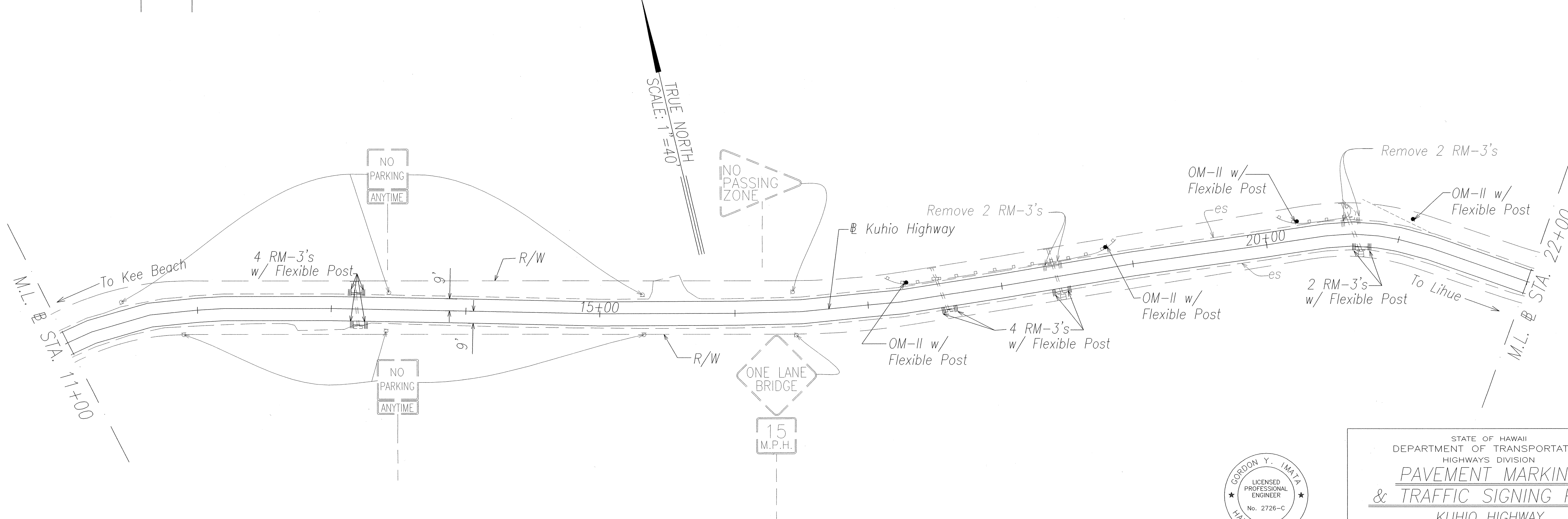
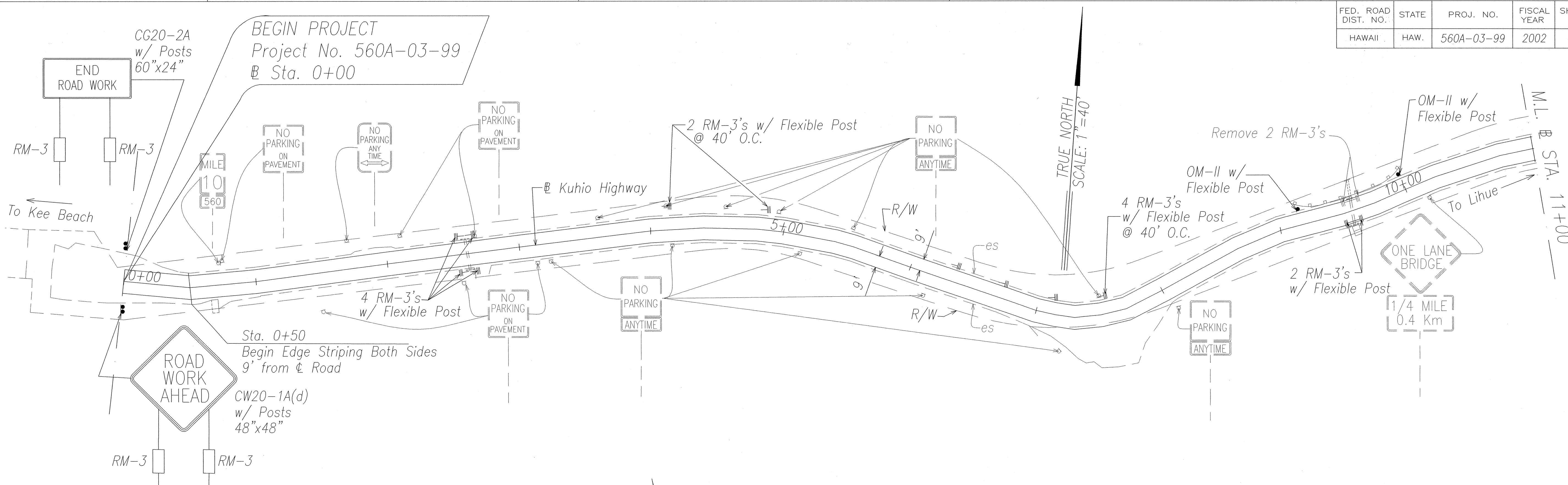


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	63	86

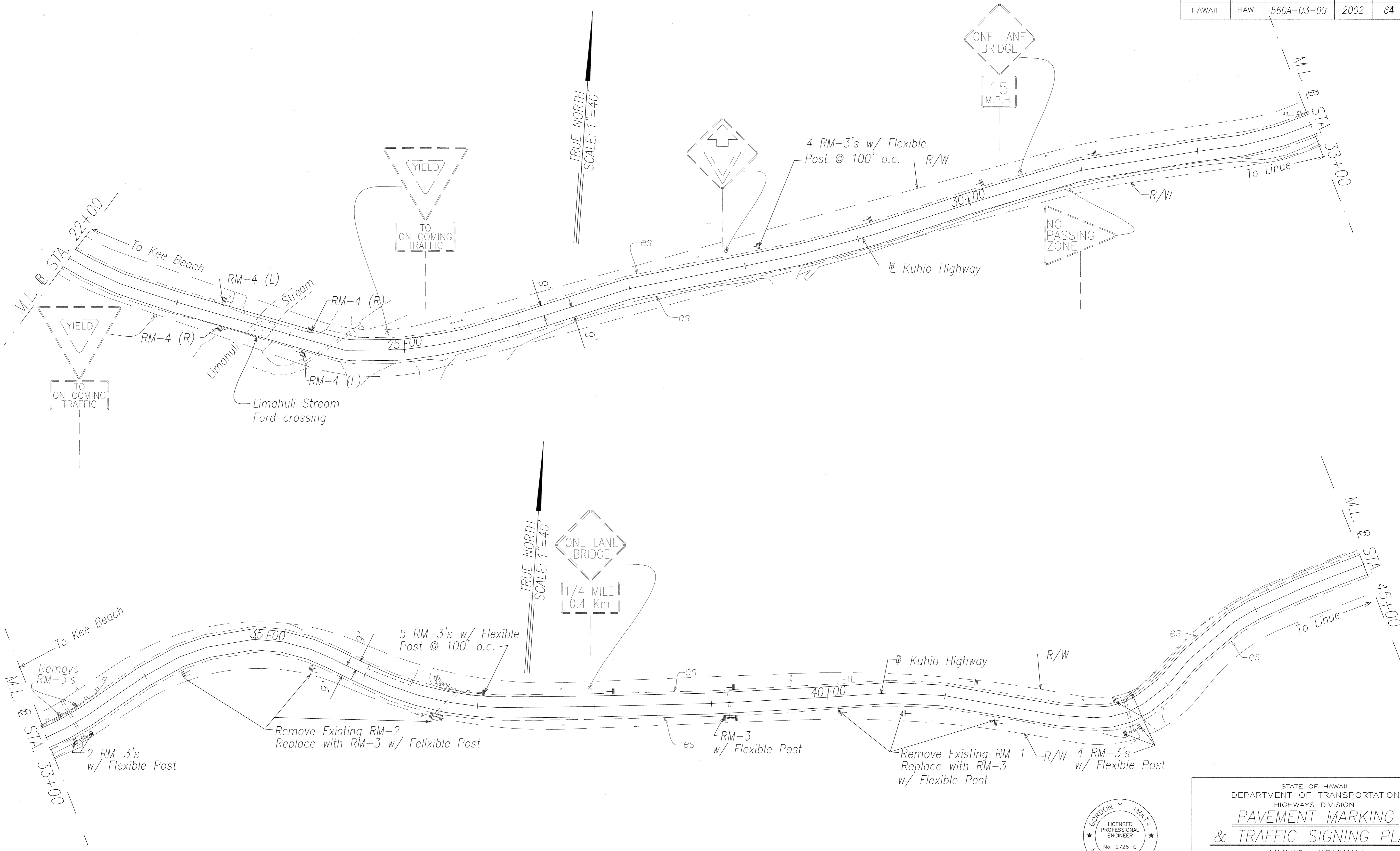


SURVEY PLOTTED BY: _____ DATE: JAN. 2002
 DRAWN BY: A _____
 NOTE BOOK DESIGNED BY: _____
 QUANTITIES BY: _____
 CHECKED BY: _____
 No. 20020107

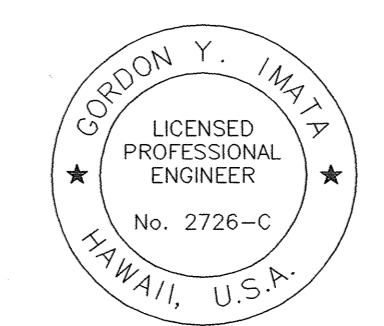
GORDON Y. IMATA
 LICENSED PROFESSIONAL ENGINEER
 No. 2726-C
 HAWAII, U.S.A.
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Gordon Y. Imata

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**PAVEMENT MARKING
 & TRAFFIC SIGNING PLAN**
 KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002
 SHEET No. 1 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	64	86



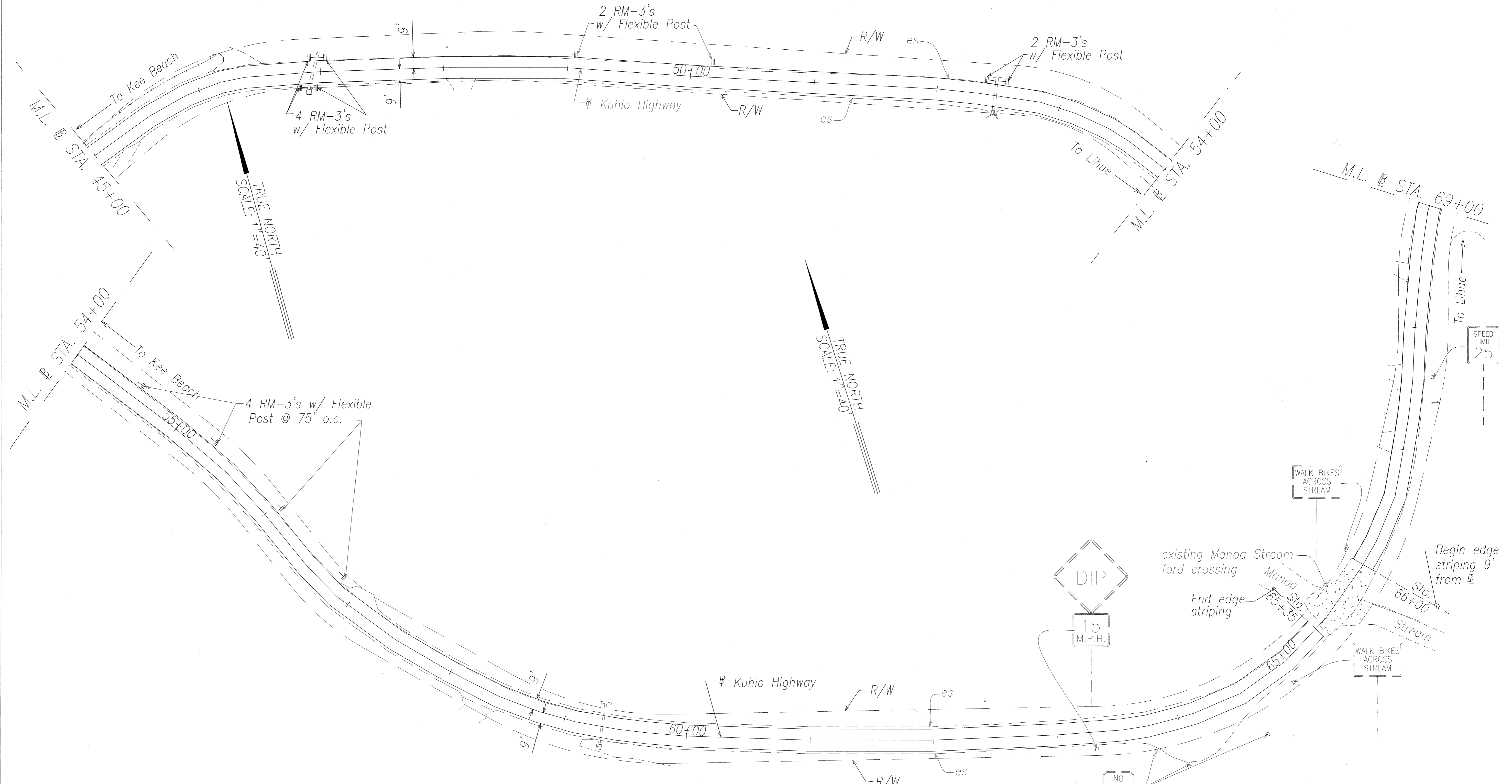
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DESIGNED BY	JAN. 2007
DESIGNED BY	JAN. 2007
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No. 20070202	



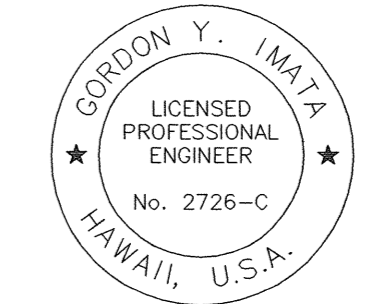
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STATE OF HAWAII
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 HIGHWAYS DIVISION
**PAVEMENT MARKING
 & TRAFFIC SIGNING PLAN**
 KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002
 SHEET No. 2 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	65	86



ORIGINAL PLAN	DATE
DESIGNED BY	JAN. 2001
TRACED BY	JAN. 2001
DESIGNED BY	JAN. 2001
QUANTITIES BY	
CHECKED BY	



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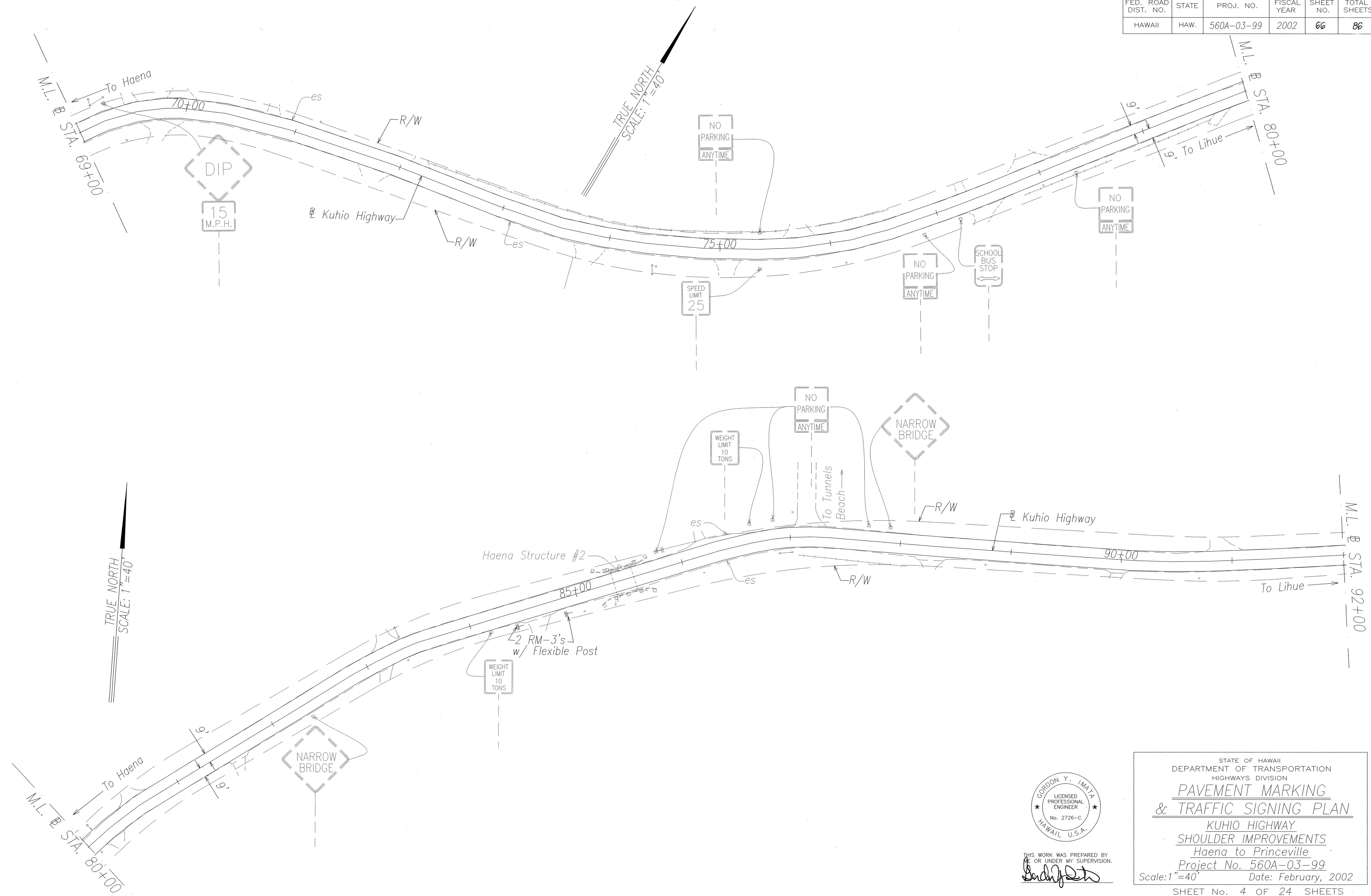
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING
& TRAFFIC SIGNING PLAN**

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

SHEET No. 3 OF 24 SHEETS

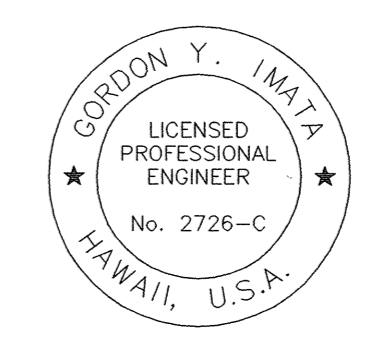
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	66	86



DATE	JAN. 2001
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO. 0000000000	

TRUE NORTH
SCALE: 1"=40'

TRUE NORTH
SCALE: 1"=40'



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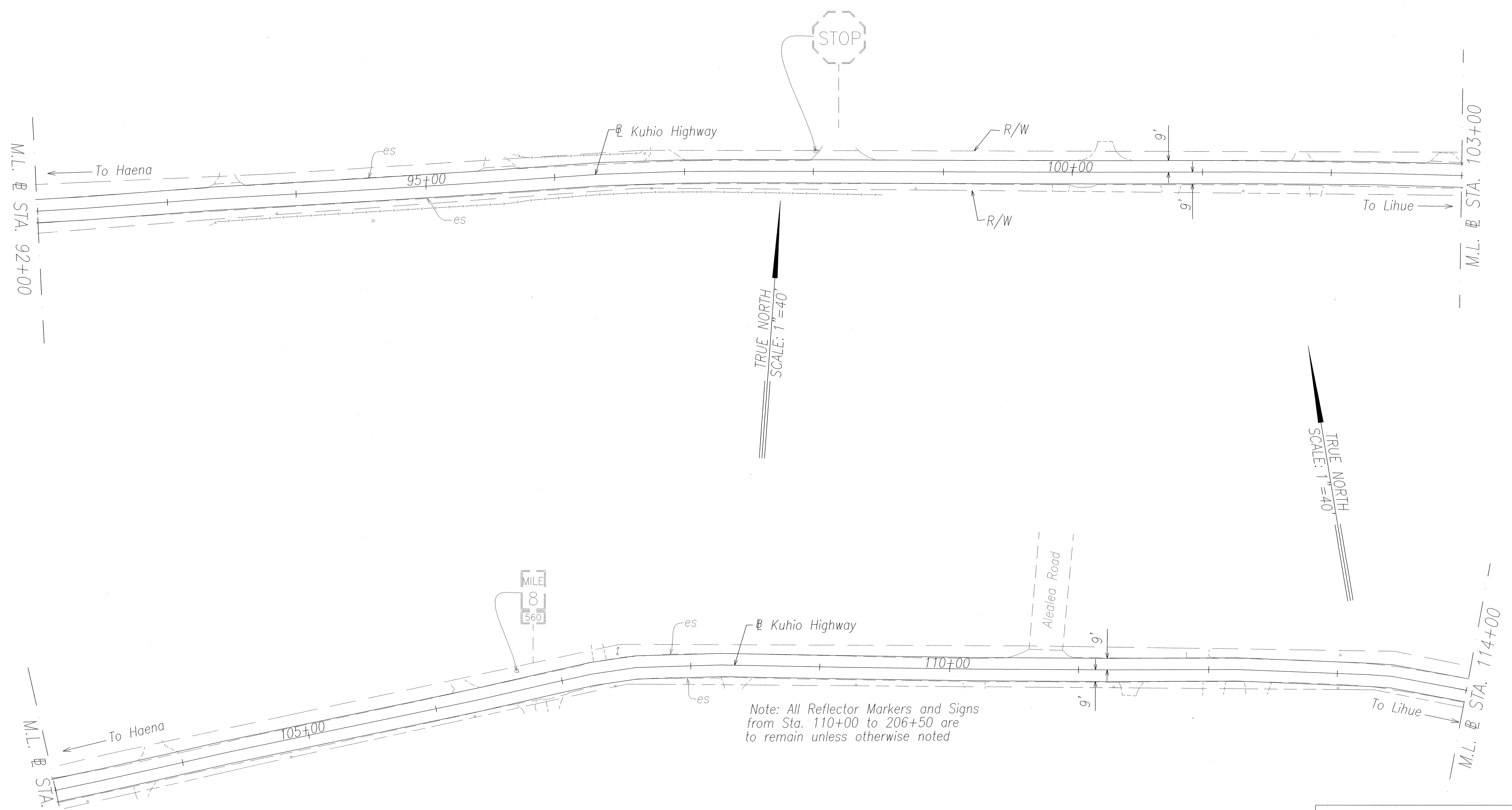
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING
& TRAFFIC SIGNING PLAN**

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

SHEET No. 4 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	67	86



Note: All Reflector Markers and Signs from Sta. 110+00 to 206+50 are to remain unless otherwise noted

ORIGINAL PLAN	DATE
SURVEY BY	JAN. 2001
DRAWN BY	
DESIGNED BY	JAN. 2001
QUANTITIES BY	
CHECKED BY	
No. 67-8605-667	

GORDON Y. IWATA
 LICENSED PROFESSIONAL ENGINEER
 No. 2726-C
 HAWAII, U.S.A.

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Gordon Y. Iwata

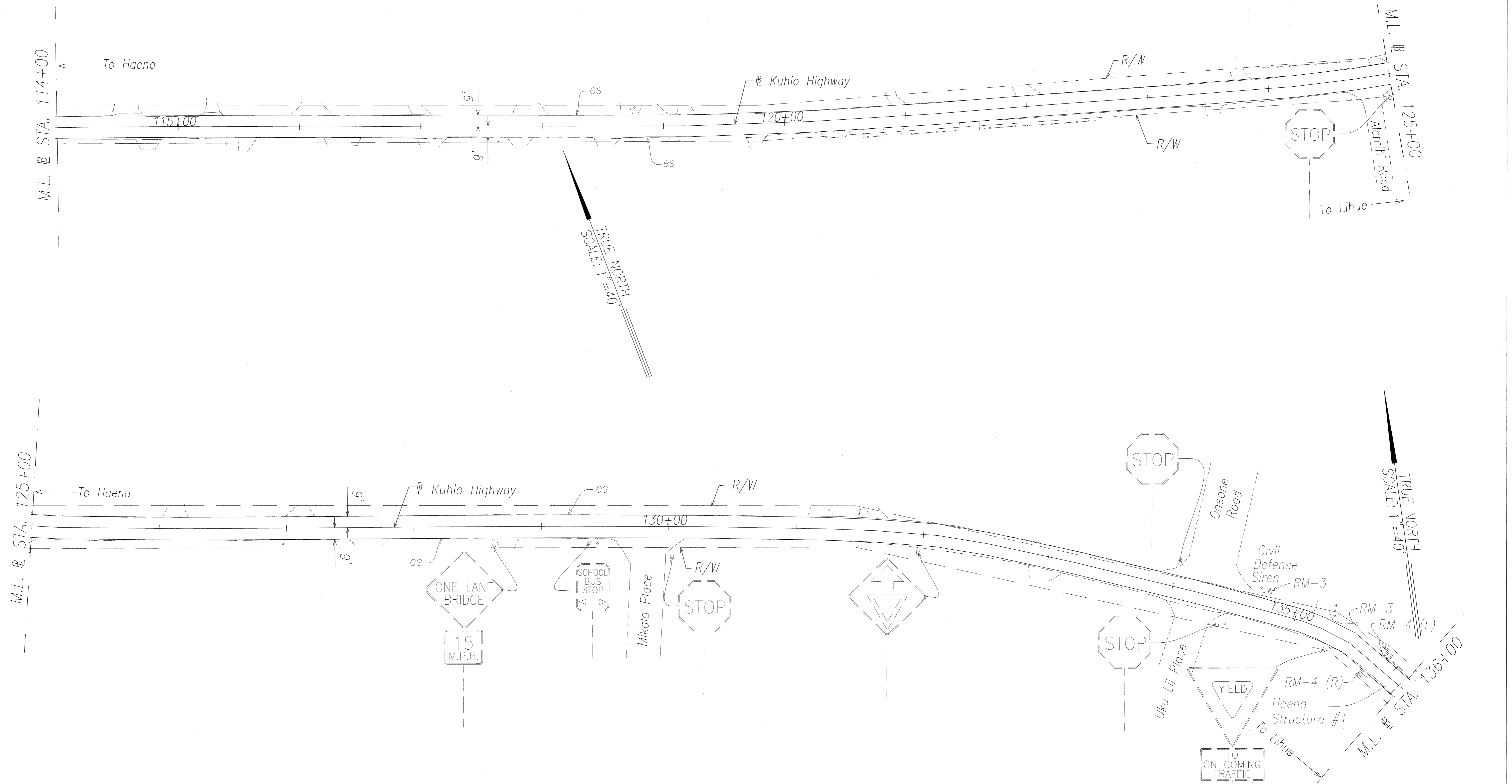
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PAVEMENT MARKING & TRAFFIC SIGNING PLAN

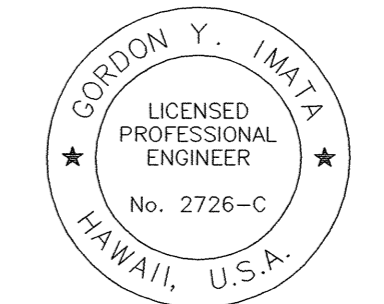
KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002

SHEET No. 5 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	68	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	JAN. 2001
QUANTITIES BY	CHECKED BY	JAN. 2001



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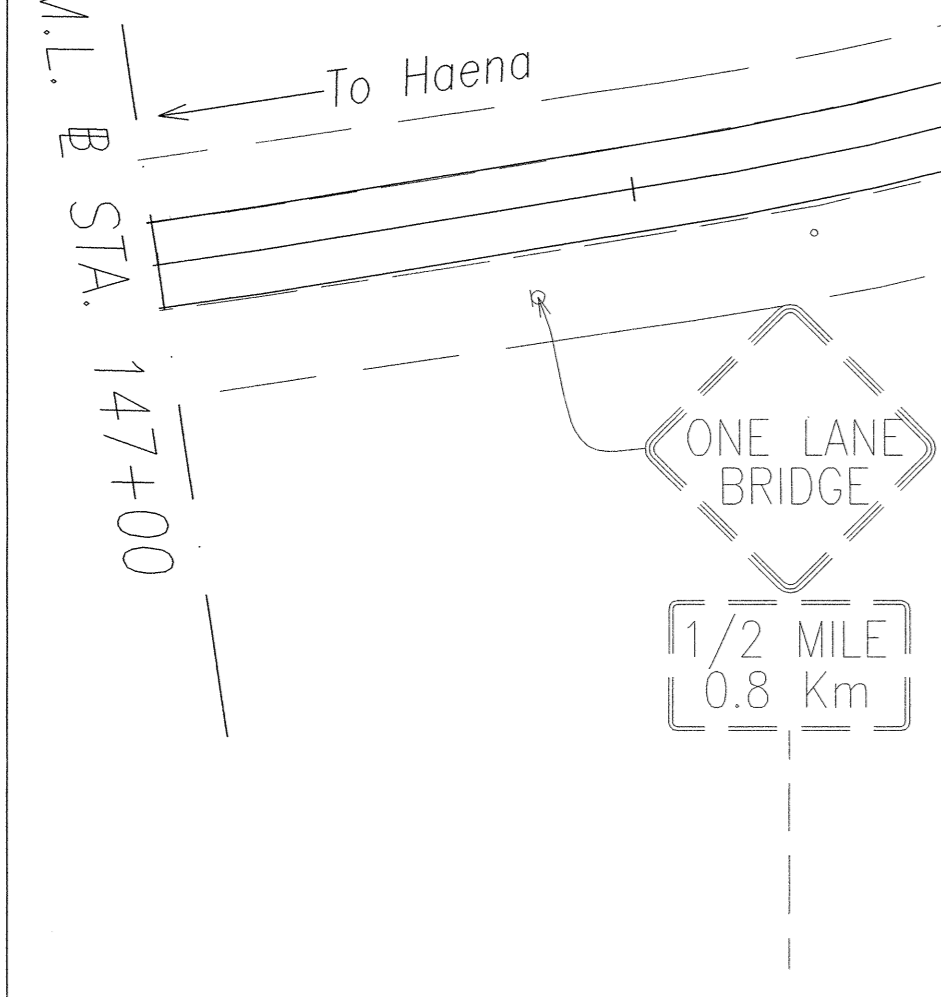
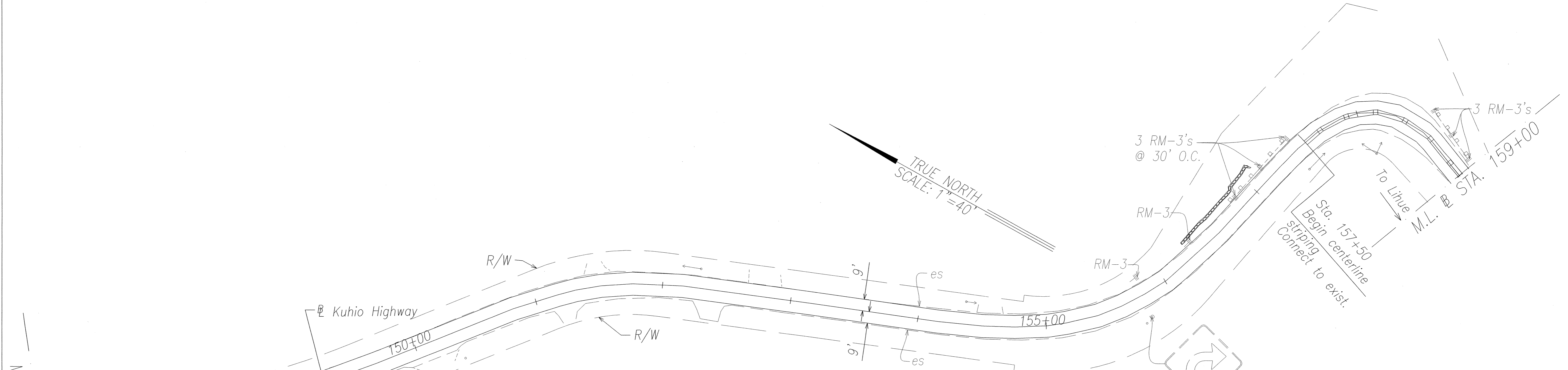
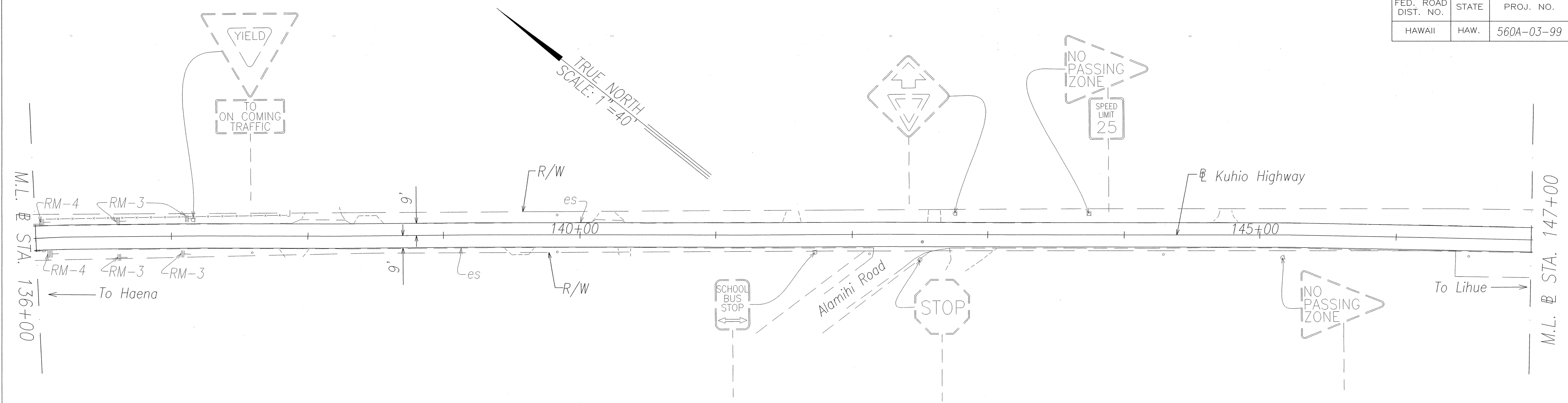
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING
& TRAFFIC SIGNING PLAN**

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

SHEET No. 6 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	69	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	JAN. 2001
QUANTITIES BY	CHECKED BY	JAN. 2001
No. 248507/2001		

GORDON Y. IMATA
 LICENSED PROFESSIONAL ENGINEER
 No. 2726-C
 HAWAII, U.S.A.

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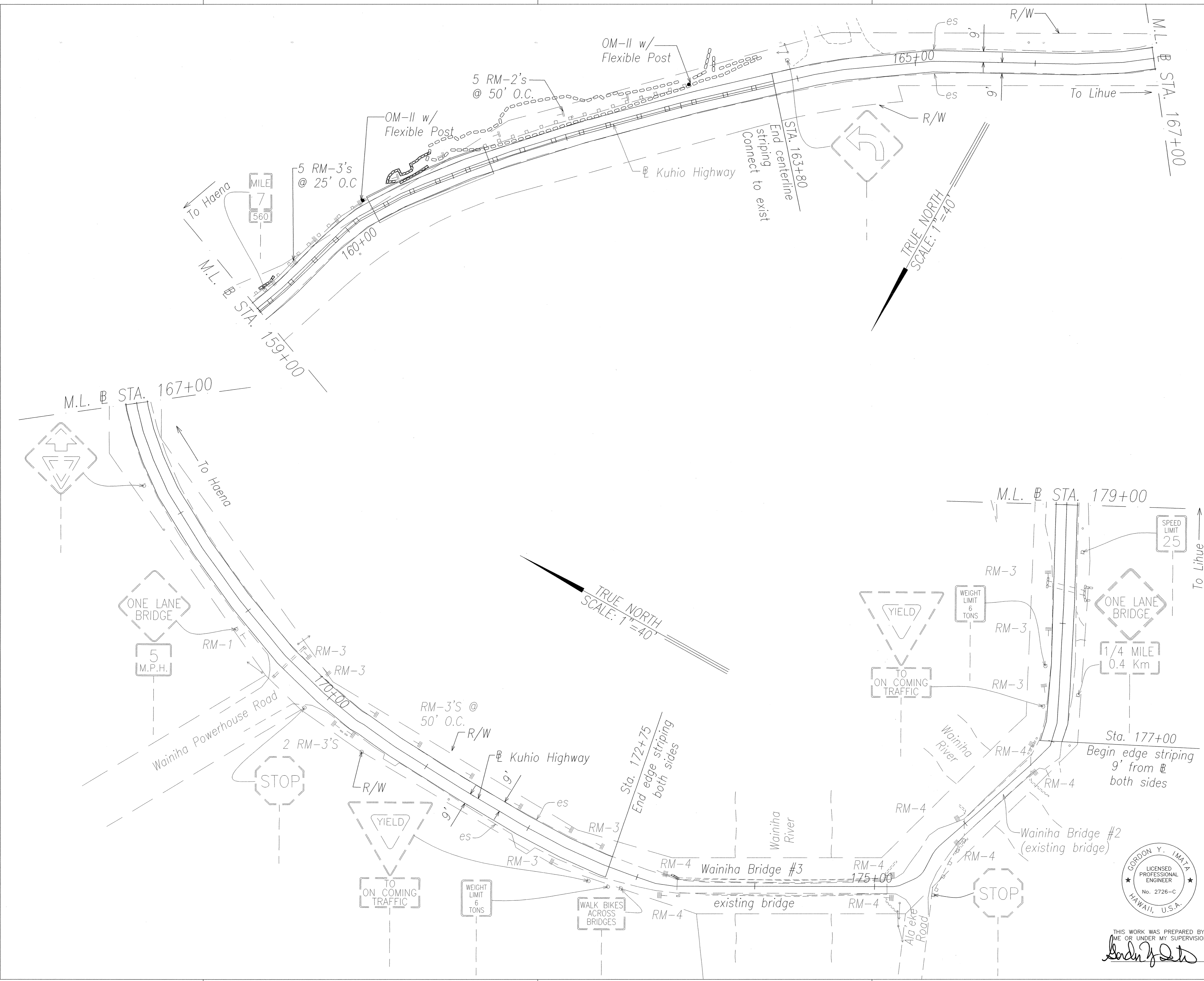
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**PAVEMENT MARKING
 & TRAFFIC SIGNING PLAN**

KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002

SHEET No. 7 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	70	86



SURVEY PLOTTED BY	DATE
TRACED BY	JAN. 2001
DESIGNED BY	
QUANTITIES BY	JAN. 2001
CHECKED BY	
No. 2726-C	

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 No. 2726-C
 HAWAII, U.S.A.

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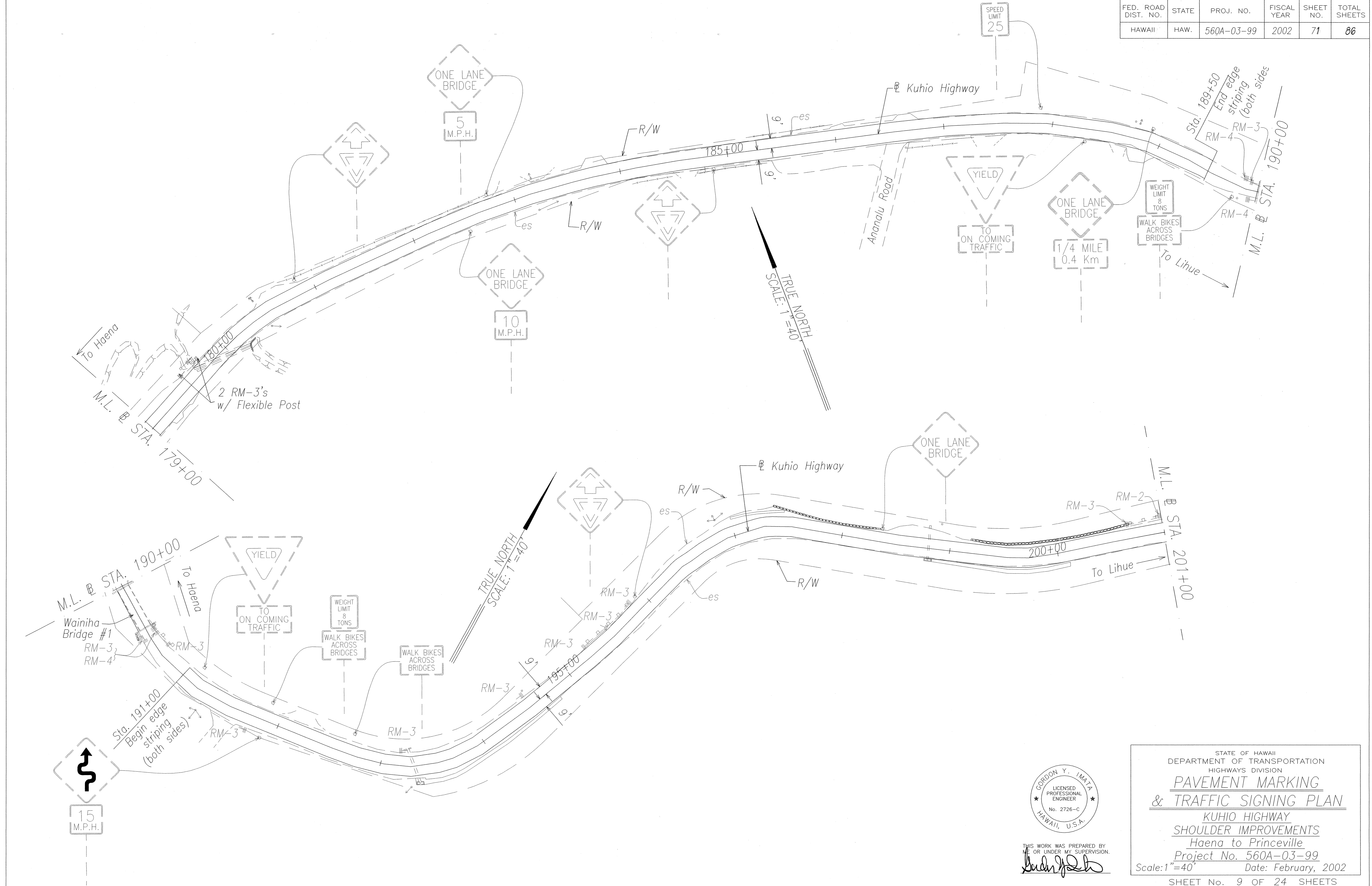
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**PAVEMENT MARKING
 & TRAFFIC SIGNING PLAN**

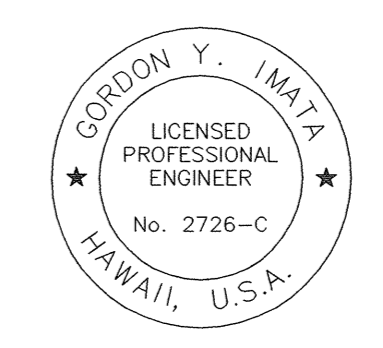
KUHIU HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002

SHEET No. 8 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	71	86



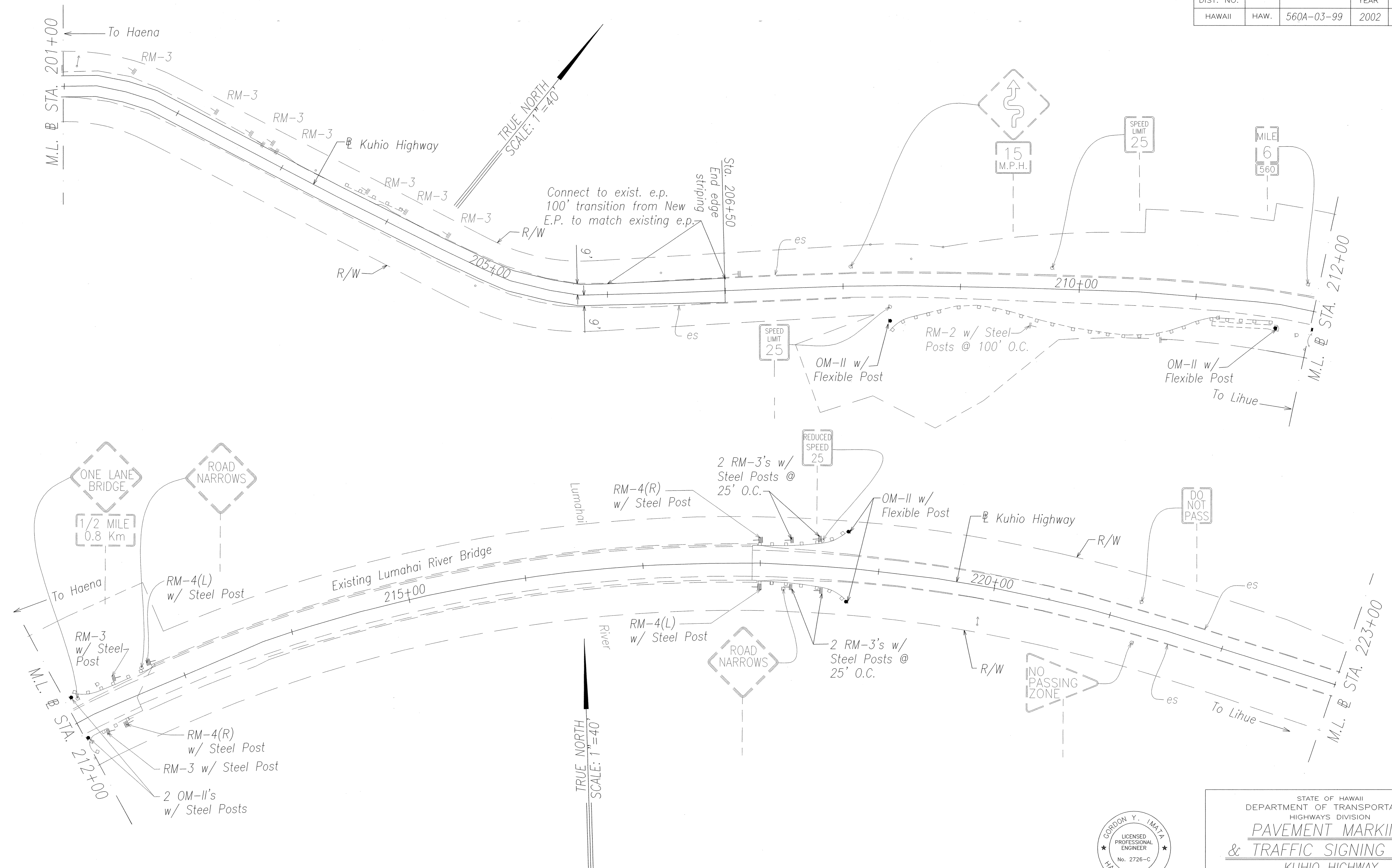
DATE	JAN. 2001
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
NO.	kuhio03.dwg



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**PAVEMENT MARKING
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KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002
SHEET No. 9 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	72	86



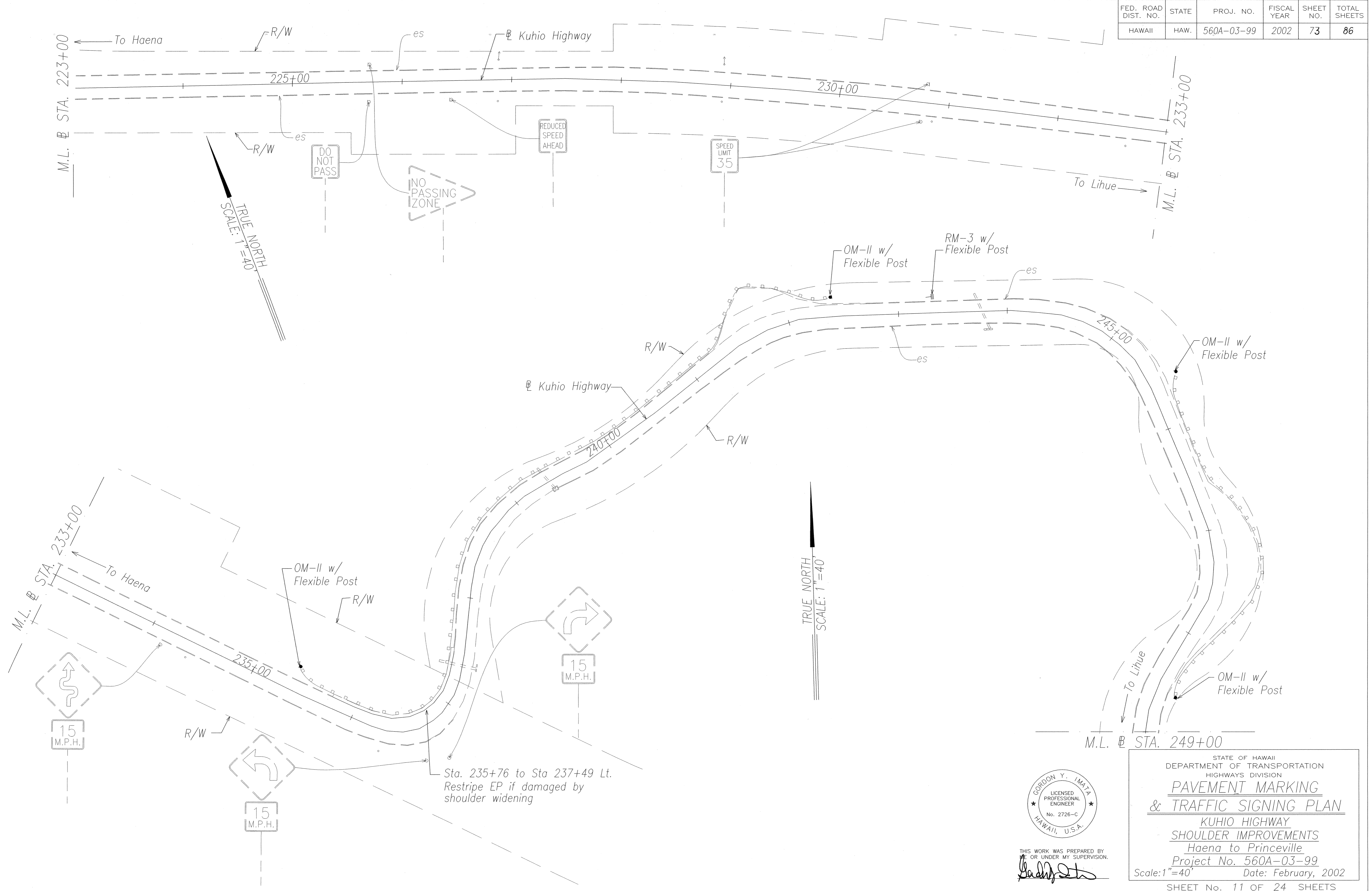
ORIGINAL PLAN	DATE
NOTE BOOK	JAN. 2001
DESIGNED BY	JAN. 2001
QUANTITIES BY	
CHECKED BY	



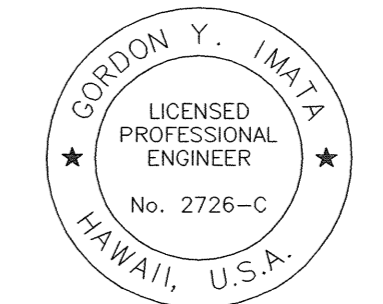
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 KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002
 SHEET No. 10 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	73	86



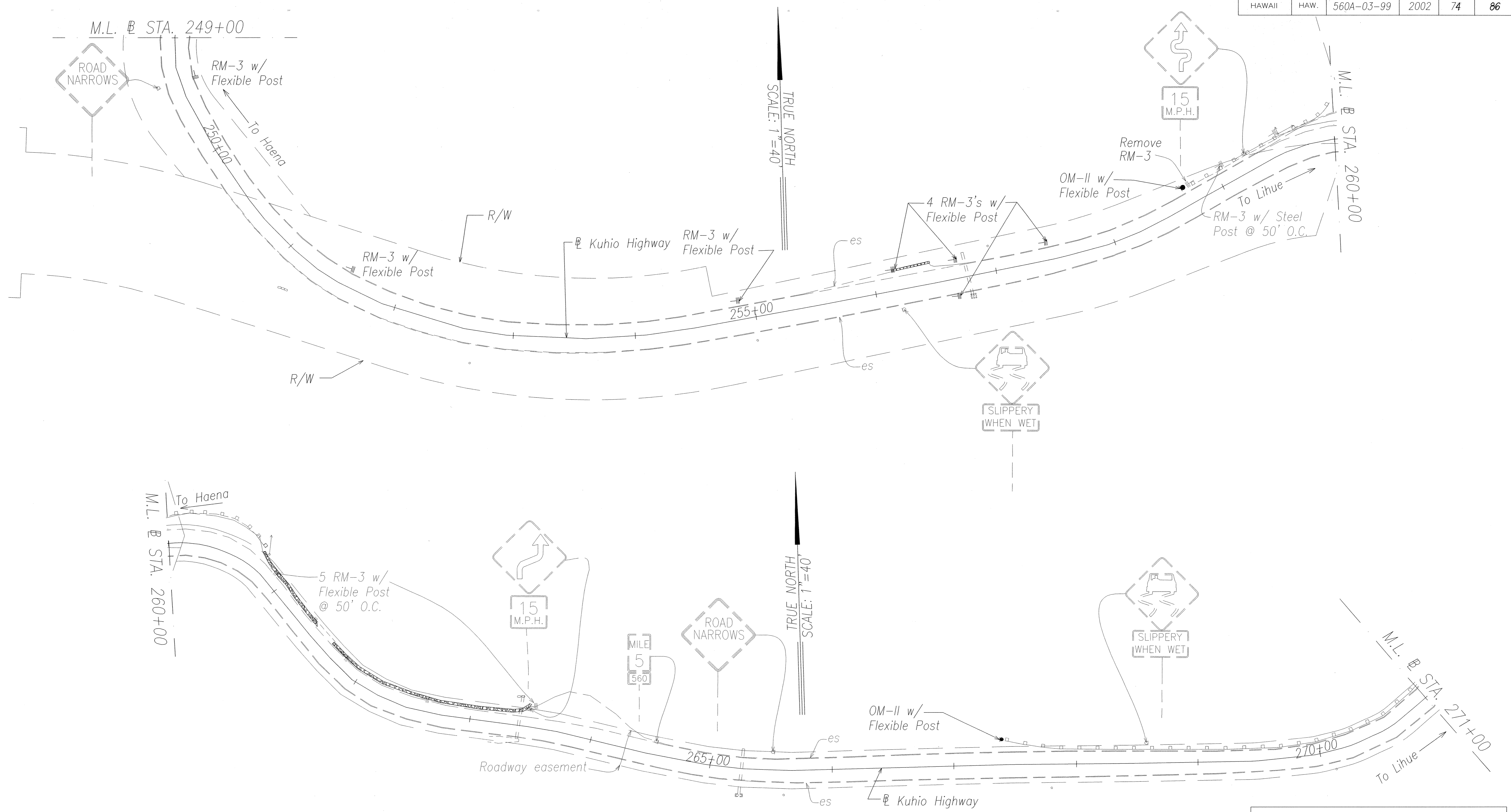
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 DRAWN BY: _____
 DESIGNED BY: _____
 QUANTITIES BY: _____
 CHECKED BY: _____
 No. 468511.dwg



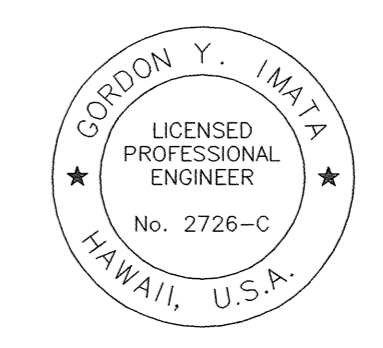
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**PAVEMENT MARKING
 & TRAFFIC SIGNING PLAN**
 KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002
 SHEET No. 11 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	74	86



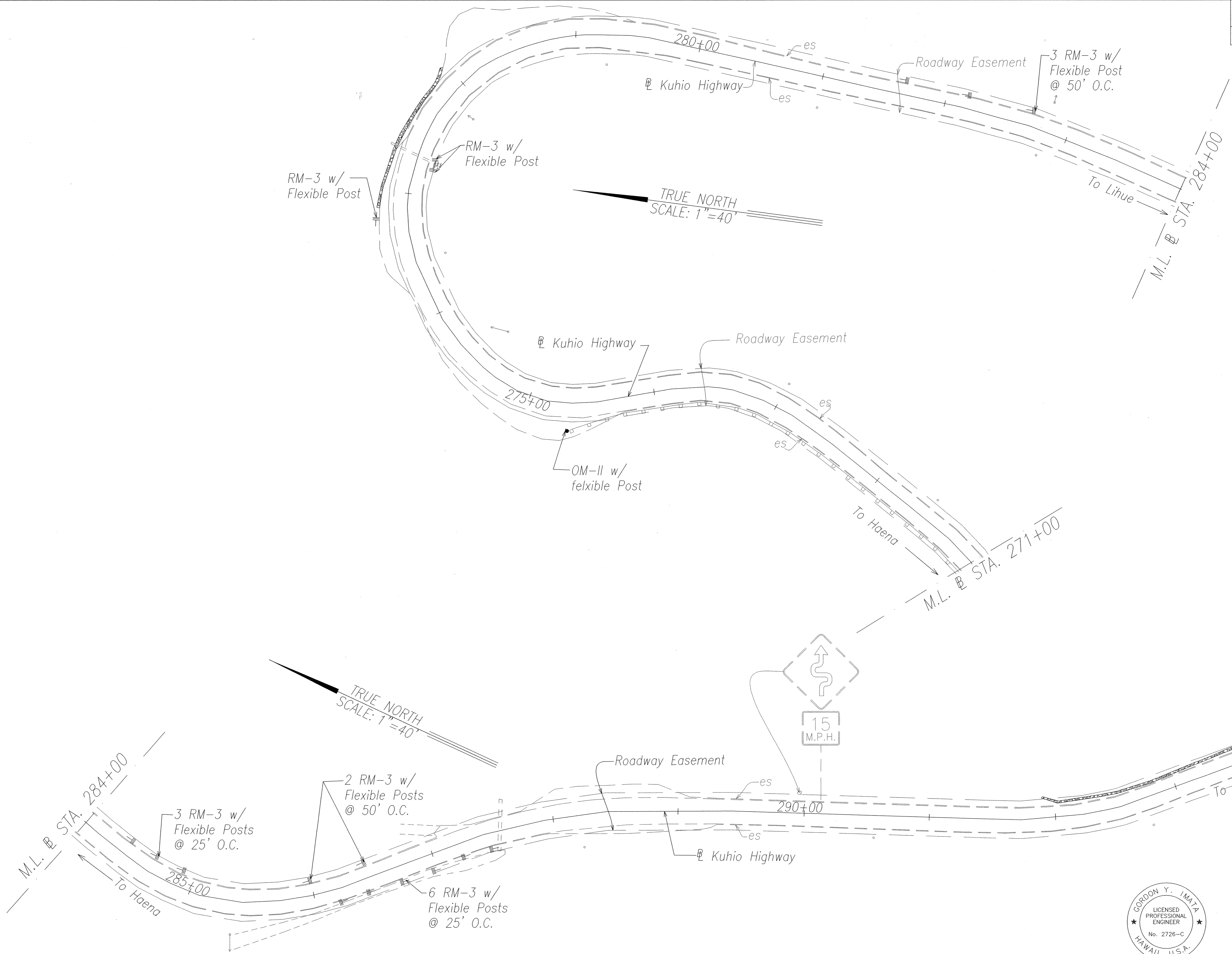
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 DRAWN BY: _____
 DESIGNED BY: _____
 QUANTITIES BY: _____
 CHECKED BY: _____
 No. 4685572.dwg



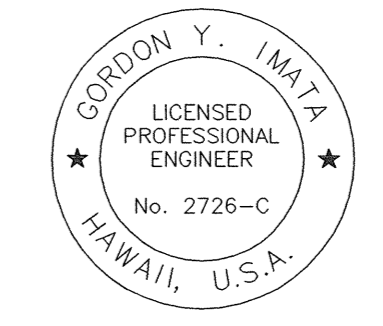
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 KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002
 SHEET No. 12 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	75	86



ORIGINAL PLAN	DATE
NOTE BOOK	DESIGNED BY
QUANTITIES BY	CHECKED BY
NO. 10/13/02	



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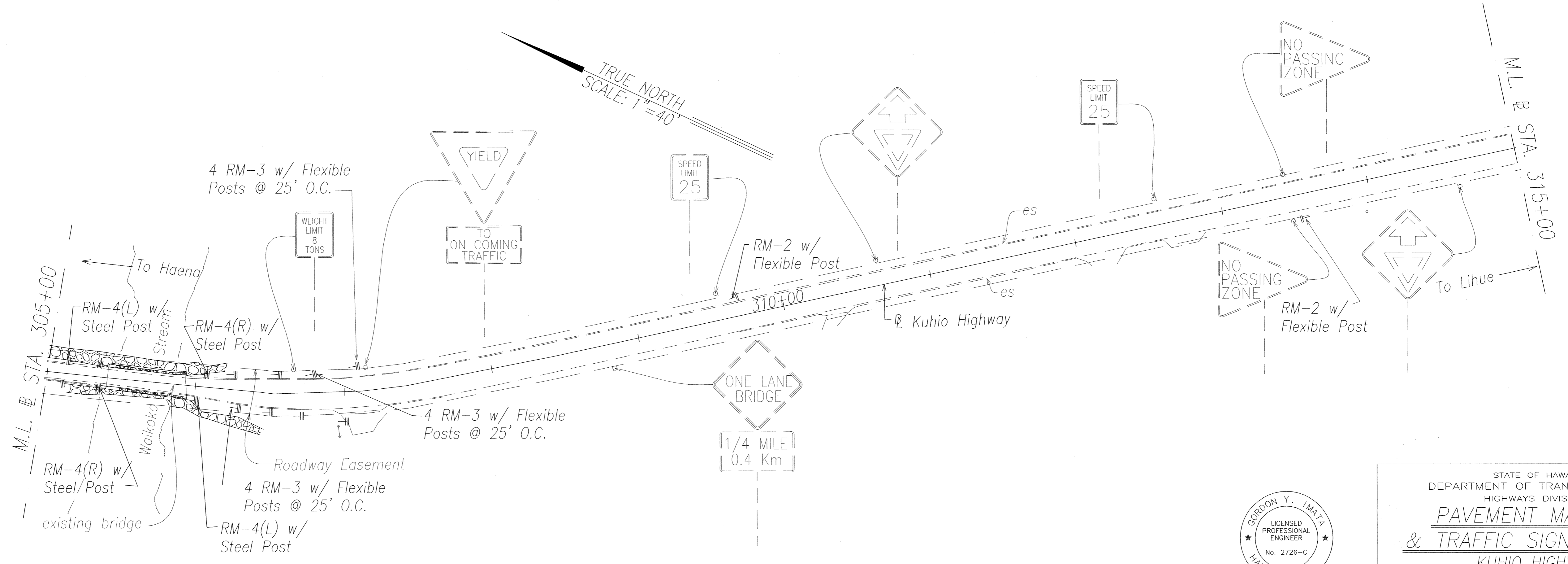
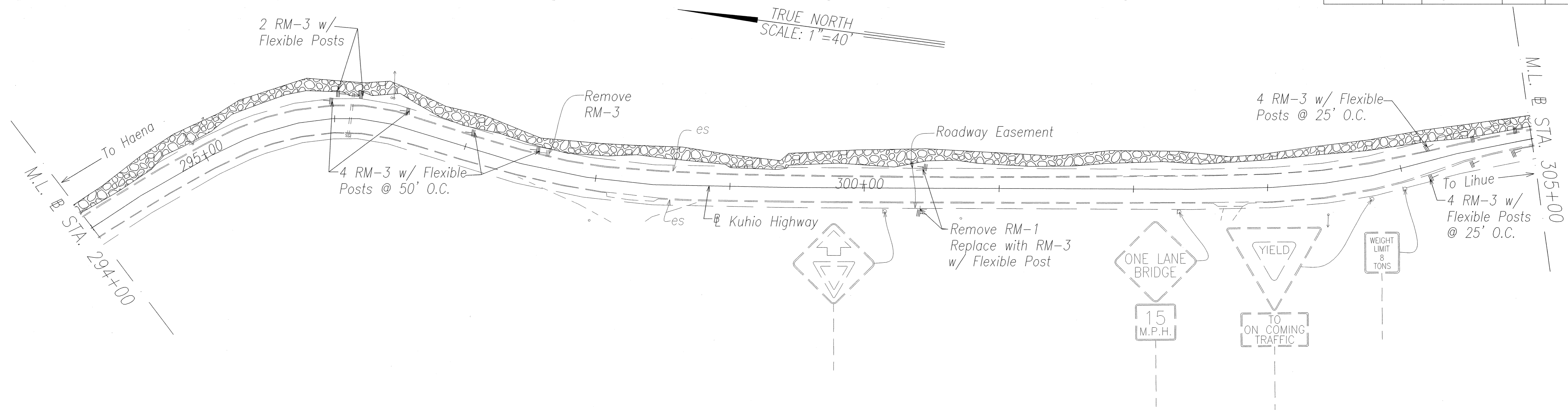
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING
& TRAFFIC SIGNING PLAN**

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

SHEET No. 13 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	76	86

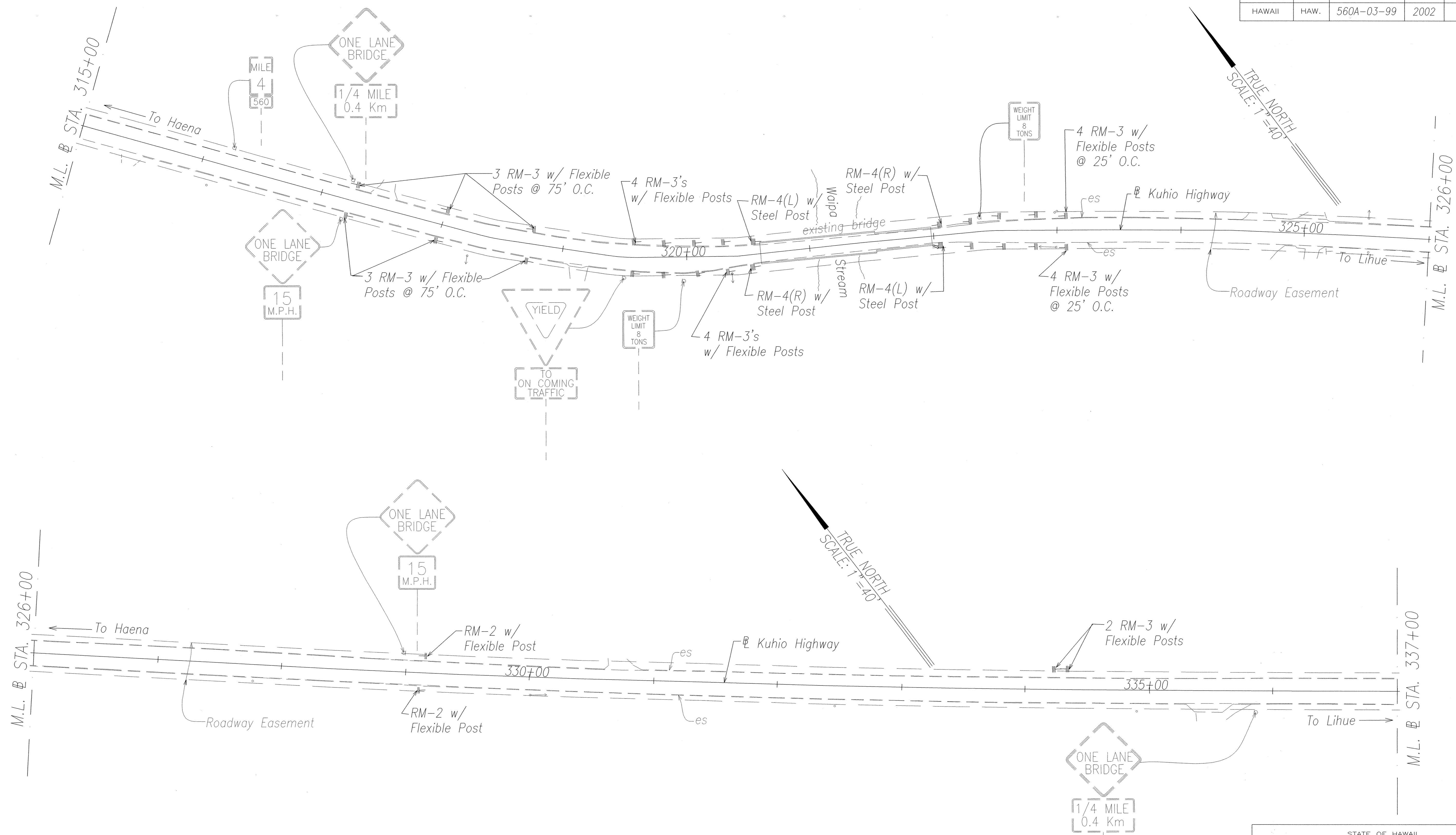


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 DRAWN BY: _____
 DESIGNED BY: _____
 QUANTITIES BY: _____
 CHECKED BY: _____
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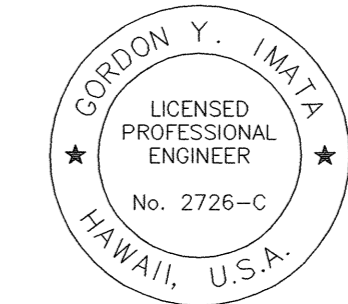
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 LICENSED PROFESSIONAL ENGINEER
 No. 2726-C
 HAWAII, U.S.A.
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Gordon Y. Imata

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 HIGHWAYS DIVISION
PAVEMENT MARKING & TRAFFIC SIGNING PLAN
 KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002
 SHEET No. 14 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	77	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	JAN. 2001
QUANTITIES BY	CHECKED BY	JAN. 2001



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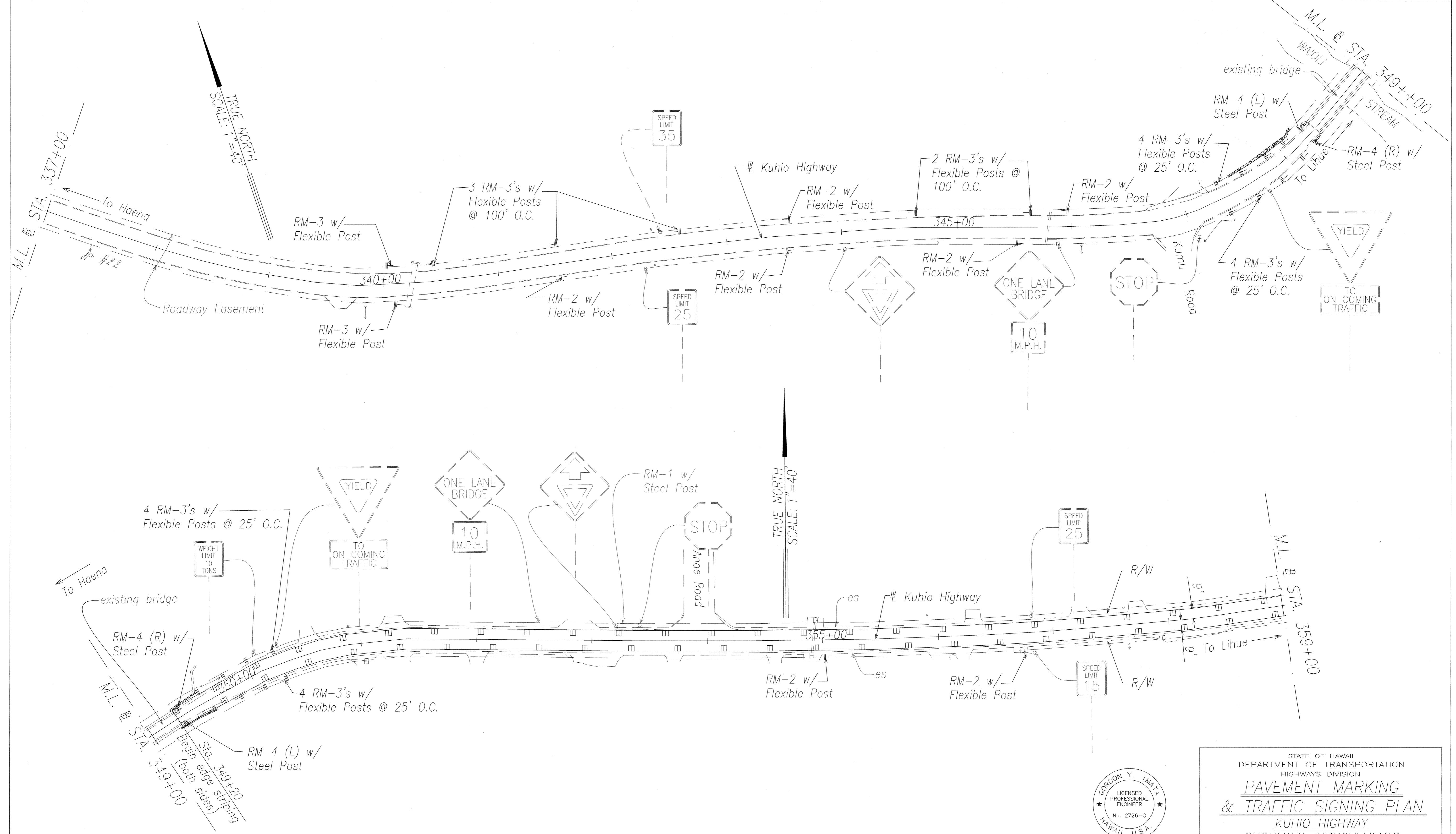
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING
& TRAFFIC SIGNING PLAN**

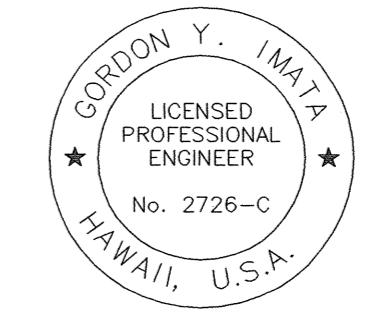
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Date: February, 2002
Scale: 1"=40'

SHEET No. 15 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	78	86



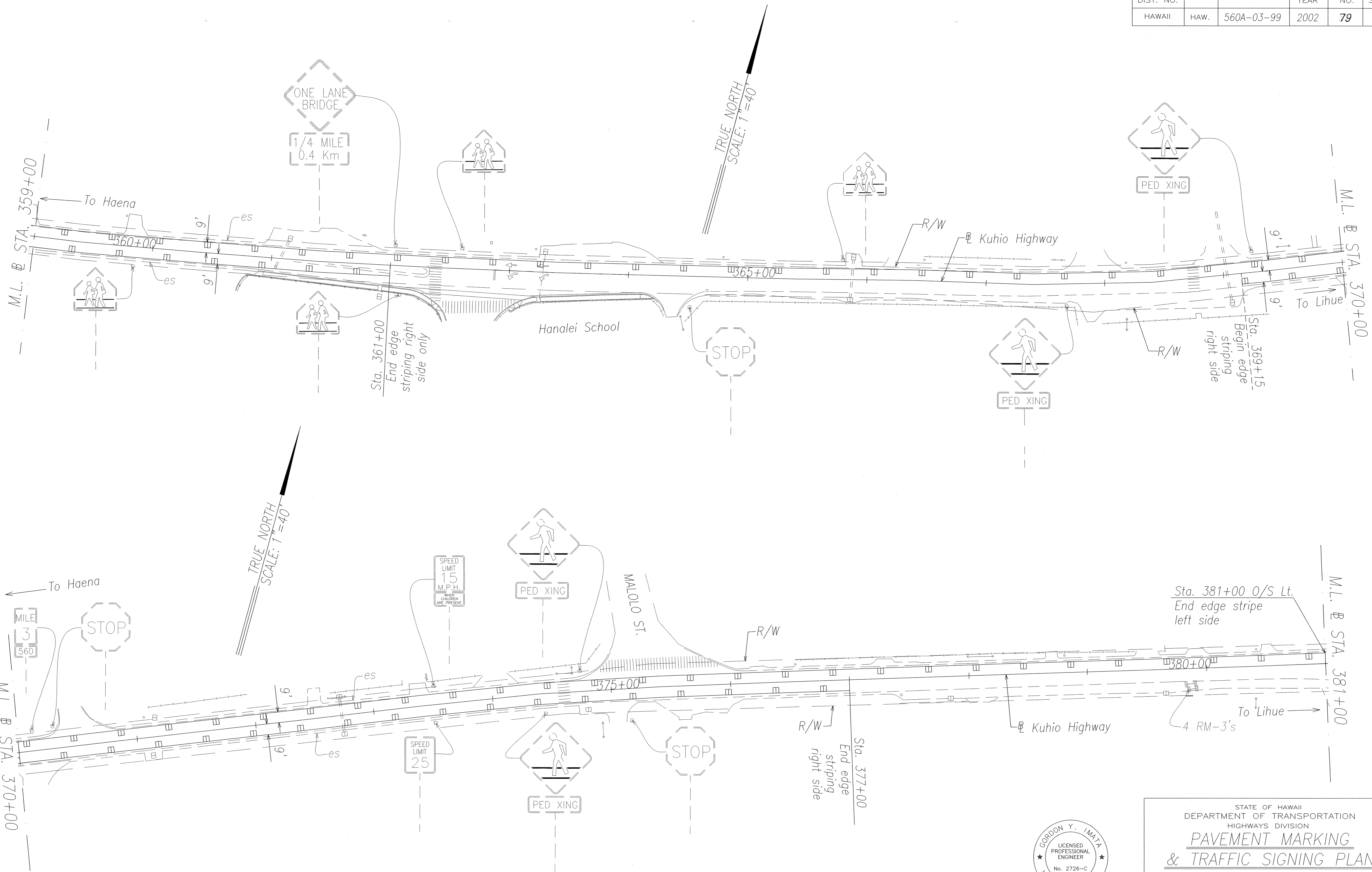
DATE	JAN. 2002
SURVEY PLOTTED BY	
DESIGNED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	2002/01/16/02



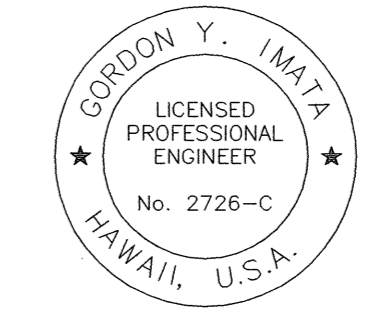
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 HIGHWAYS DIVISION
**PAVEMENT MARKING
 & TRAFFIC SIGNING PLAN**
 KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002
 SHEET No. 16 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	79	86



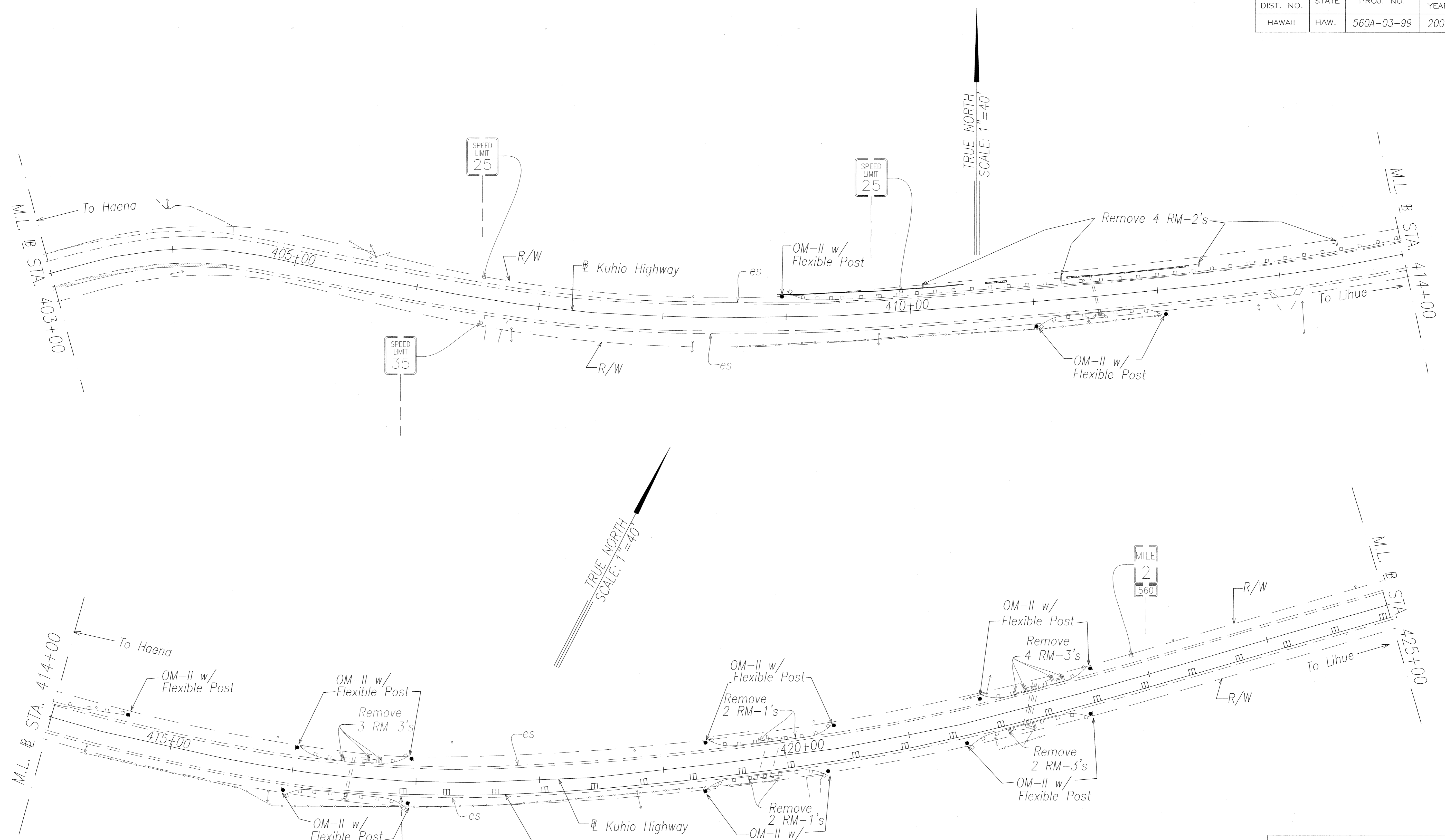
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	JAN. 2001
TRACED BY	
DESIGNED BY	JAN. 2001
QUANTITIES BY	
CHECKED BY	



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STATE OF HAWAII
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**PAVEMENT MARKING
 & TRAFFIC SIGNING PLAN**
 KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002
 SHEET No. 17 OF 24 SHEETS

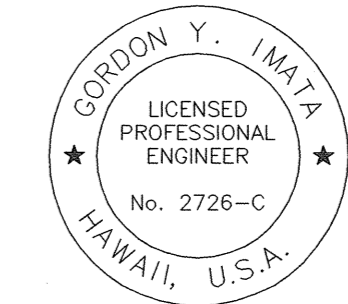
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	81	86



ORIGINAL PLAN	DATE
DESIGNED BY	JAN. 2001
TRACED BY	JAN. 2001
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

Sta. 416+82
Begin Edge Stripe
Right Side Only

Restripe all areas & pavement mark
all areas where shoulder widening
has occurred.



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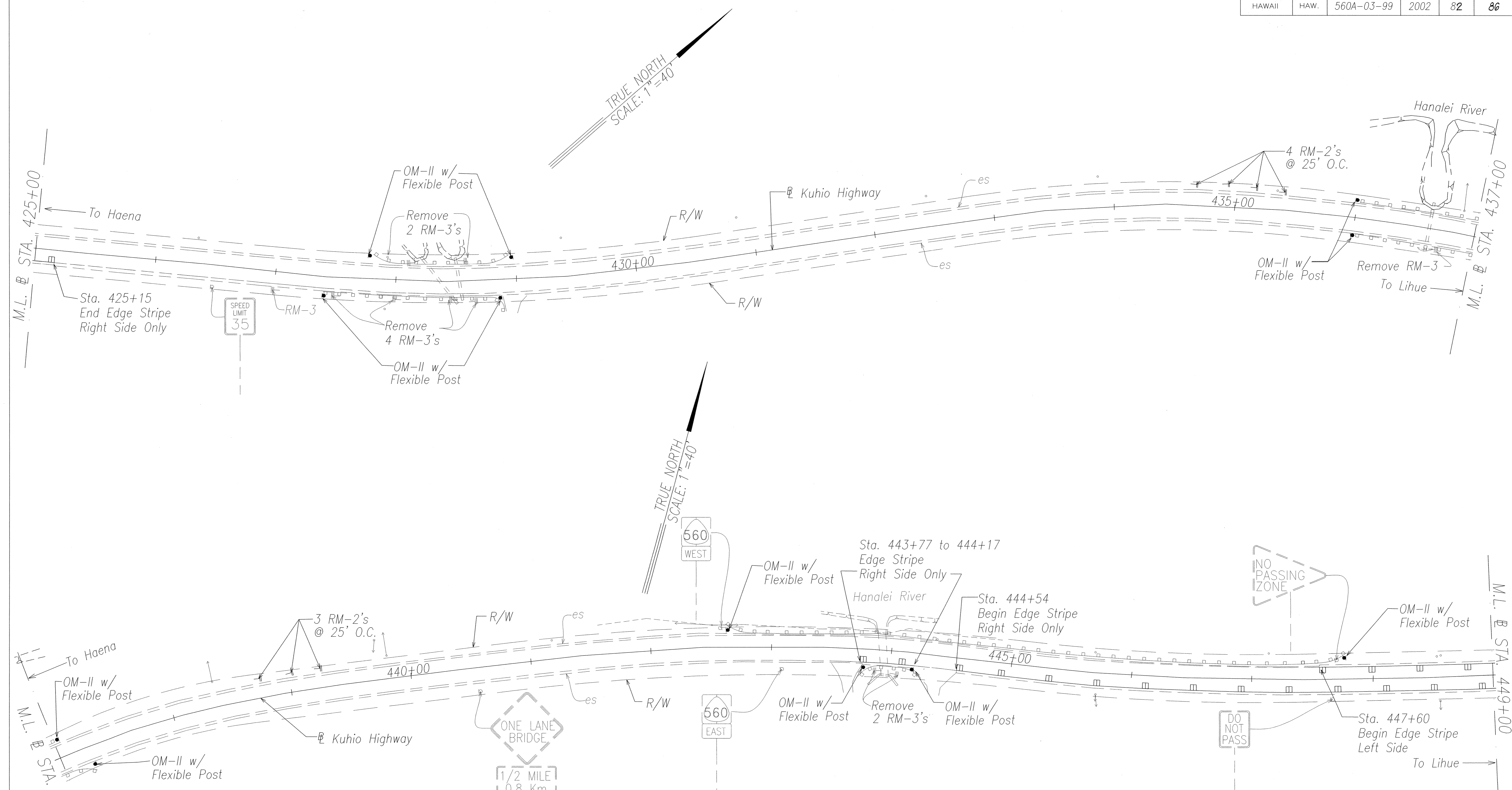
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING
& TRAFFIC SIGNING PLAN**

KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99
Scale: 1"=40' Date: February, 2002

SHEET No. 19 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	82	86

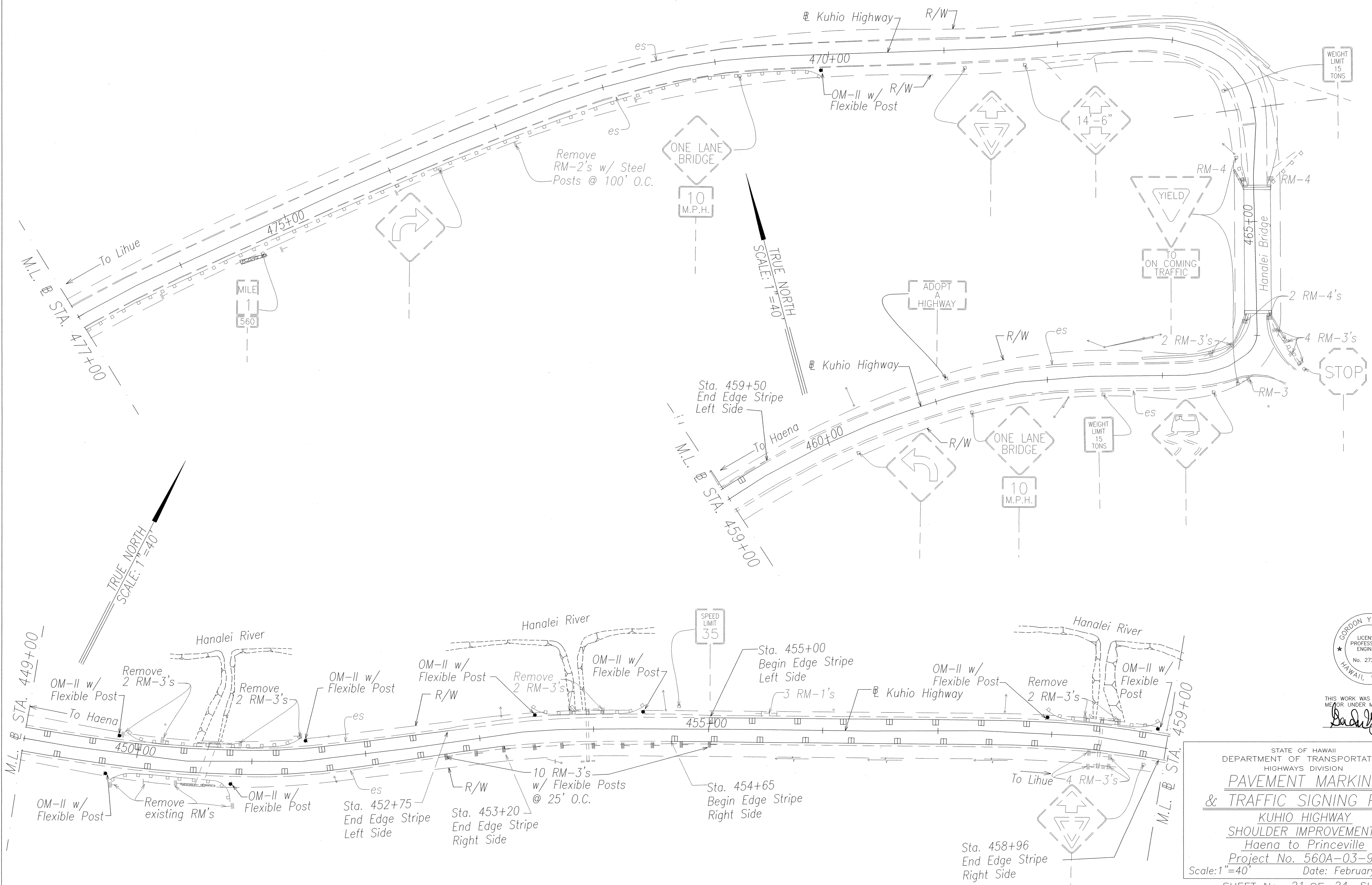


SURVEY PLOTTED BY: _____ DATE: JAN. 2002
 DRAWN BY: _____
 NOTE BOOK DESIGNED BY: LA _____
 QUANTITIES BY: _____
 CHECKED BY: _____
 No. 20 of 24 sheets

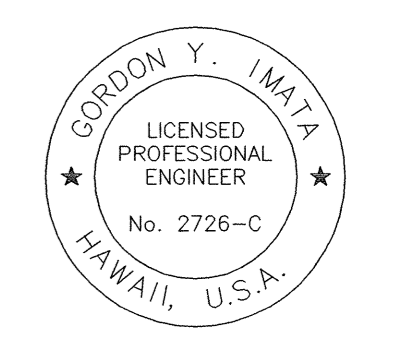
GORDON Y. IMATA
 LICENSED PROFESSIONAL ENGINEER
 No. 2726-C
 HAWAII, U.S.A.
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Gordon Y. Imata

STATE OF HAWAII
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PAVEMENT MARKING & TRAFFIC SIGNING PLAN
 KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002
 SHEET No. 20 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	83	86



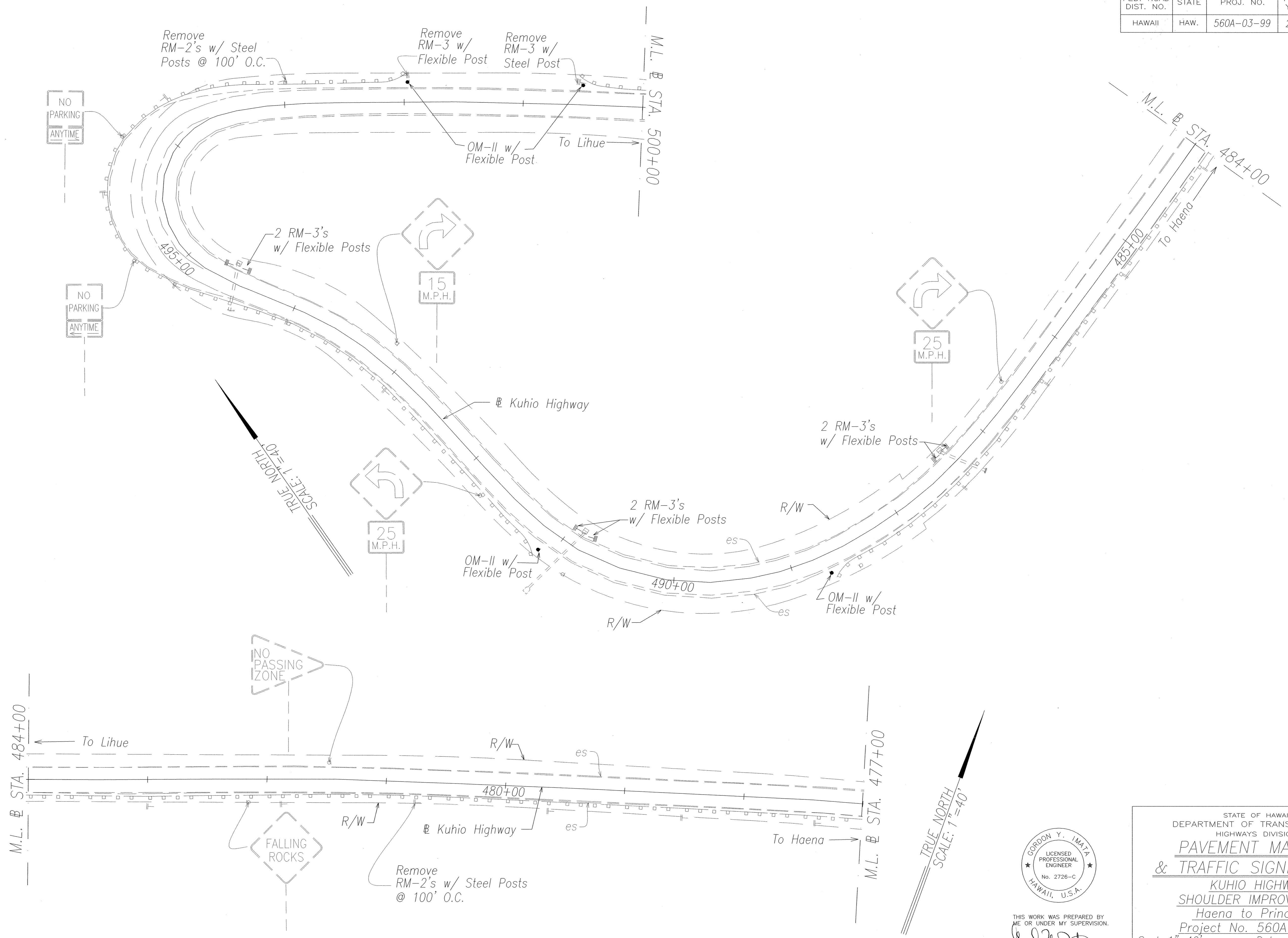
DATE	JAN. 2001
SURVEY PLOTTED BY	
DESIGNED BY	
NOTE BOOK	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	02/03/02/01



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Gordon Y. Imata

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**PAVEMENT MARKING
 & TRAFFIC SIGNING PLAN**
 KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002
 SHEET No. 21 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	84	86



SURVEY PLOTTED BY	DATE
DRAWN BY	JAN. 2001
TRACED BY	JAN. 2001
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
FILE	
NO. 2001/03/22.dwg	

GORDON Y. IMATA
 LICENSED PROFESSIONAL ENGINEER
 No. 2726-C
 HAWAII, U.S.A.

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Gordon Y. Imata

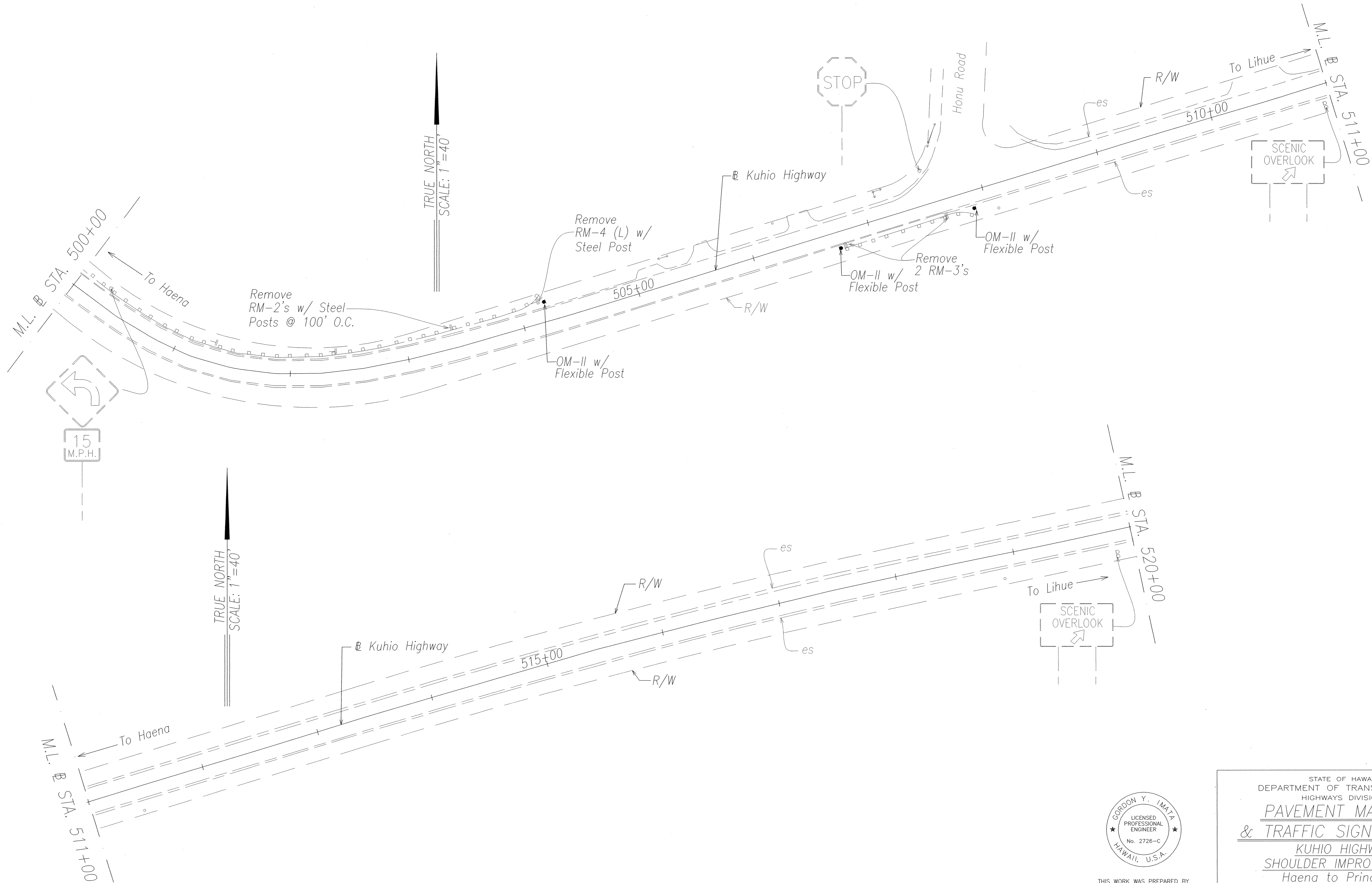
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**PAVEMENT MARKING
 & TRAFFIC SIGNING PLAN**

KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002

SHEET No. 22 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	85	86



DATE	JAN. 2001
SURVEY PLOTTED BY	
DRAWN BY	J.A.
DESIGNED BY	J.A.
CHECKED BY	
DATE	JAN. 2001
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
DATE	
FILE NO.	560A-03-99-23

GORDON Y. IMATA
 LICENSED PROFESSIONAL ENGINEER
 No. 2726-C
 HAWAII, U.S.A.

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Gordon Y. Imata

STATE OF HAWAII
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 HIGHWAYS DIVISION

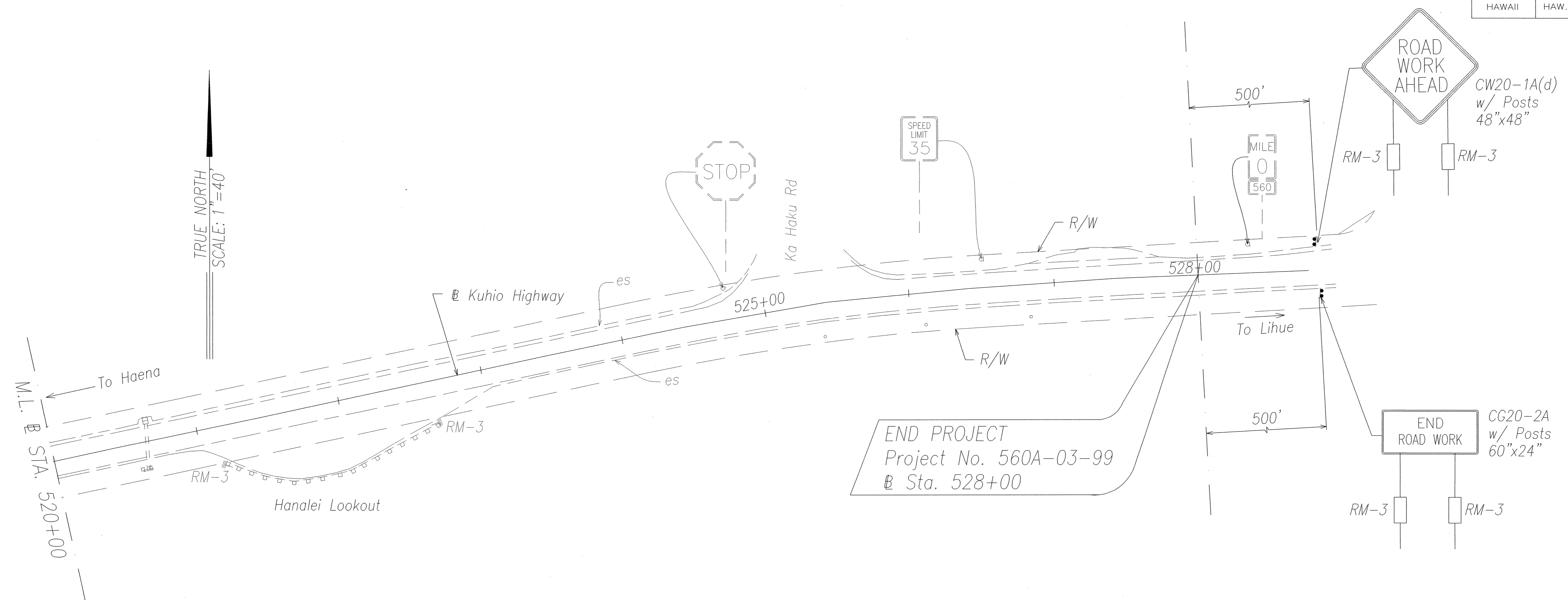
PAVEMENT MARKING & TRAFFIC SIGNING PLAN

**KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville**

Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002

SHEET No. 23 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	86	86



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	JAN. 2001
	TRACED BY	JAN. 2001
	DESIGNED BY/LIA	
	QUANTITIES BY	
	CHECKED BY	

GORDON Y. IMATA
 LICENSED PROFESSIONAL ENGINEER
 No. 2726-C
 HAWAII, U.S.A.

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[Signature]

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**PAVEMENT MARKING
 & TRAFFIC SIGNING PLAN**

KUHIO HIGHWAY
 SHOULDER IMPROVEMENTS
 Haena to Princeville
 Project No. 560A-03-99
 Scale: 1"=40' Date: February, 2002

SHEET No. 24 OF 24 SHEETS