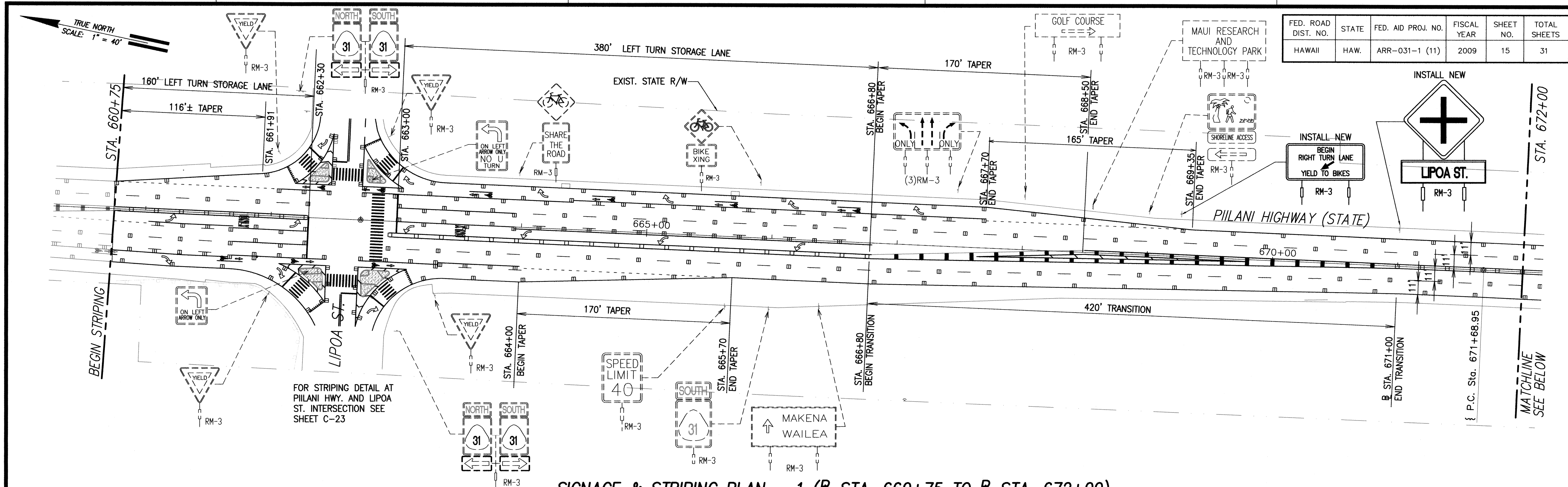
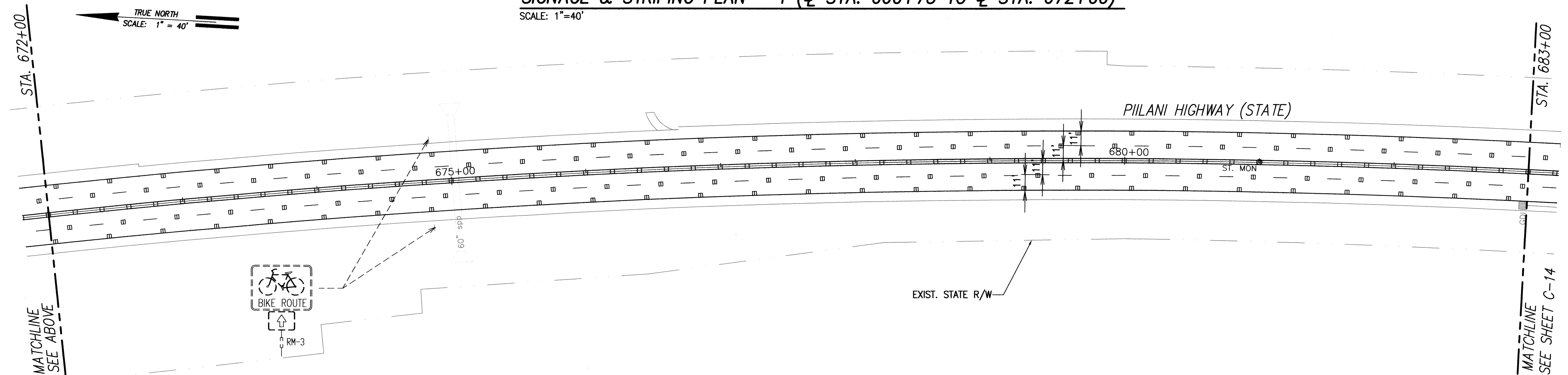


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-031-1 (11)	2009	15	31



SIGNAGE & STRIPING PLAN - 1 (from STA. 660+75 to STA. 672+00)

SCALE: 1"=40'



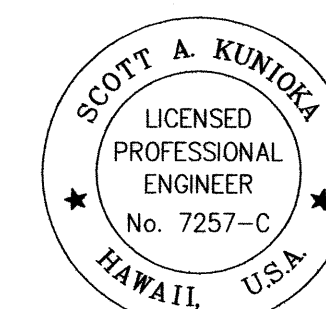
SIGNAGE & STRIPING PLAN - 1 (from STA. 672+00 to STA. 683+00)

SCALE: 1"=40'

NOTES:

- CONTRACTOR SHALL REMOVE STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS THAT CONFLICTS WITH CONSTRUCTED STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS.
- UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS SHALL BE REPLACED.
- CONTRACTOR SHALL NEATLY BUNDLE SIGNS AND POSTS TO BE REMOVED AND SALVAGED AND DELIVER TO THE STATE DEPT. OF TRANSPORTATION HIGHWAYS DIVISION KAHULUI BASEYARD. ONLY STRAIGHT, GOOD CONDITION POSTS SHALL BE RETURNED.
- CONTRACTOR SHALL RELOCATE SIGNS AND POSTS TO HAVE A MINIMUM OF 6' CLEAR FROM EDGE OF PAVEMENT.

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

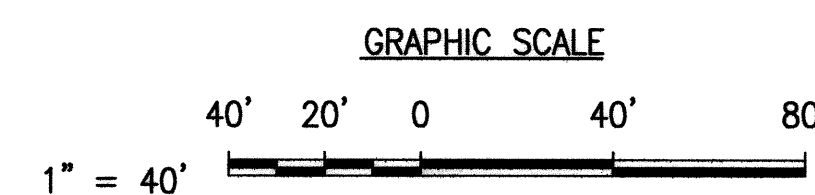


LICENSE EXPIRATION DATE: 4/30/10
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Scott A. Kunioka
SHIMABUKURO, ENDO & YOSHIZAKI, INC.
1126 12TH AVENUE
HONOLULU, HAWAII 96816

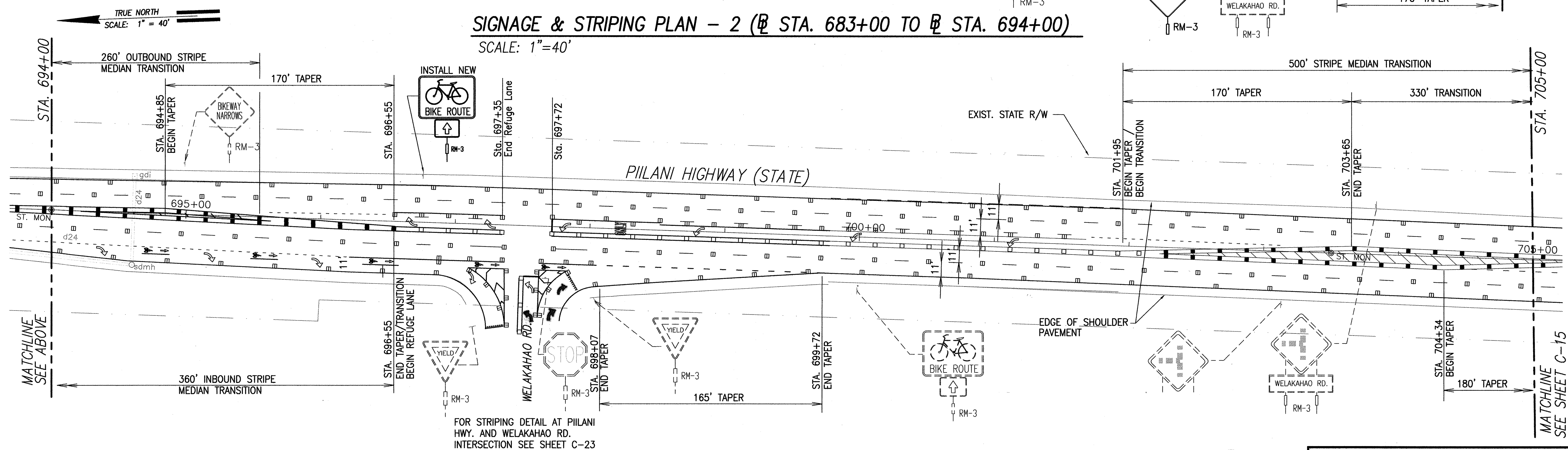
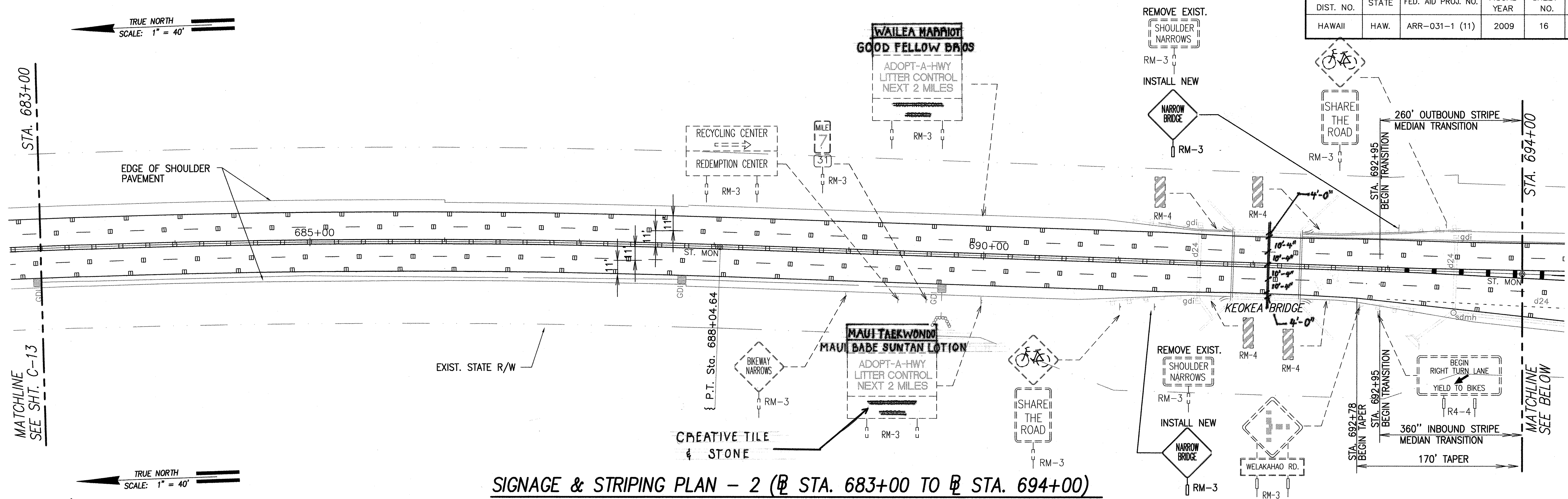
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNAGE & STRIPING PLAN-1
(from STA. 660+75 to STA. 683+00)

PIILANI HIGHWAY PAVEMENT PREVENTIVE
MAINTENANCE, LIPOA ST. TO KILOHANA DR.
Fed. Aid Project No. ARR-031-1 (11)
Scale: 1" = 40' Date: APRIL 2009
SHEET No.C-13 OF 31 SHEETS

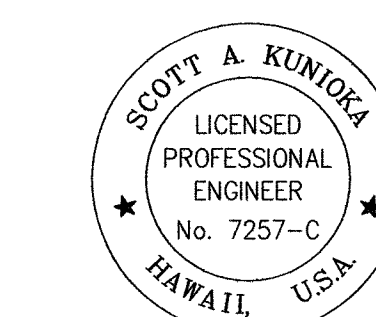
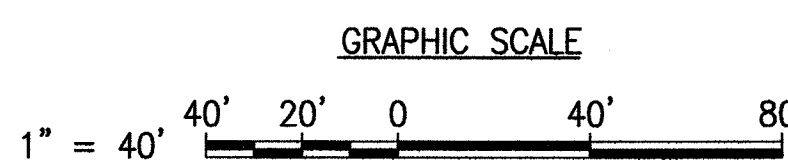


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-031-1 (11)	2009	16	31



- NOTES:

1. CONTRACTOR SHALL REMOVE STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS THAT CONFLICTS WITH CONSTRUCTED STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS.
2. UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS SHALL BE REPLACED.
3. CONTRACTOR SHALL NEATLY BUNDLE SIGNS AND POSTS TO BE REMOVED AND SALVAGED AND DELIVER TO THE STATE DEPT. OF TRANSPORTATION HIGHWAYS DIVISION KAHULUI BASEYARD. ONLY STRAIGHT, GOOD CONDITION POSTS SHALL BE RETURNED.
4. CONTRACTOR SHALL RELOCATE SIGNS AND POSTS TO HAVE A MINIMUM OF 6' CLEAR FROM EDGE OF PAVEMENT.



LICENSE EXPIRATION DATE: 4/30/10
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

SHIMBUKURO, ENDO & YOSHIZAKI, INC.
1126 12TH Avenue
Honolulu, Hawaii 96816

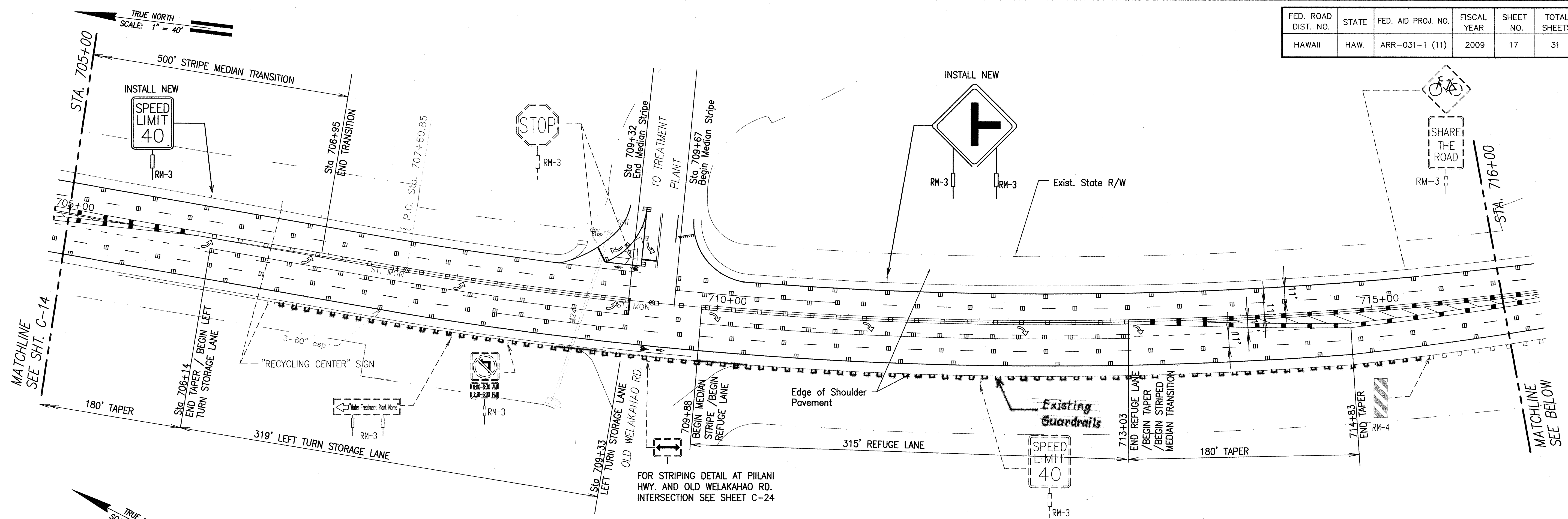
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNAGE & STRIPING PLAN-2
(@ STA. 683+00 TO @ STA. 705+00)
PIILANI HIGHWAY PAVEMENT PREVENTIVE
MAINTENANCE, LIPOA ST. TO KILOHANA DR.
Fed. Aid Project No. ARR-031-1 (11)

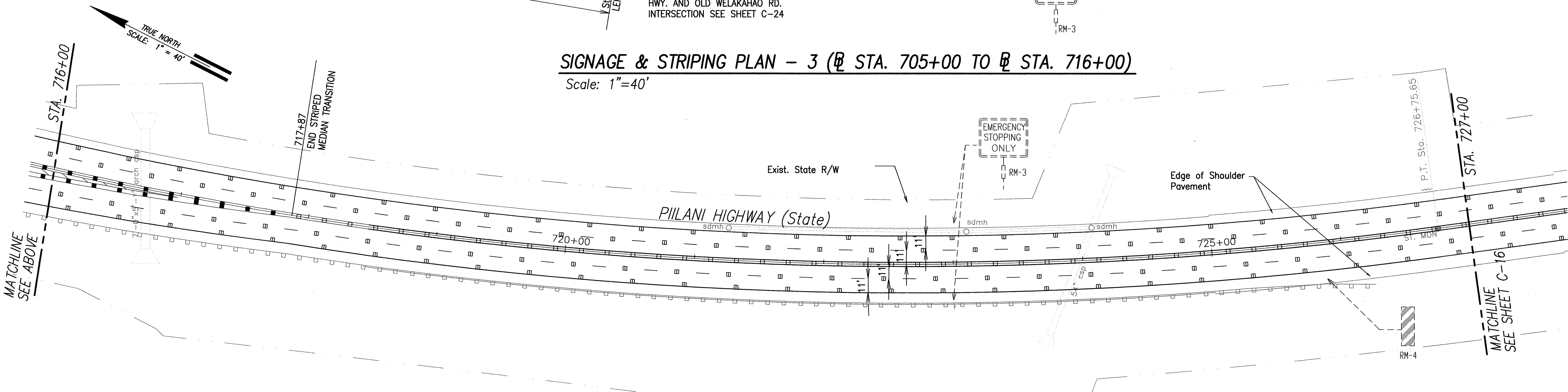
Scale: 1" = 40' Date: APRIL 2009

SHEET NO. C-9 OF 31 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-031-1 (11)	2009	17	31

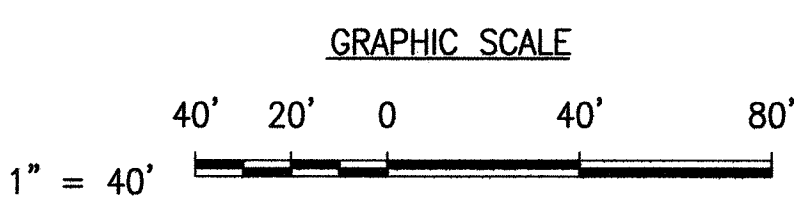


SIGNAGE & STRIPING PLAN - 3 (Sta. 705+00 TO Sta. 716+00)
 Scale: 1"=40'



SIGNAGE & STRIPING PLAN - 3 (Sta. 716+00 TO Sta. 727+00)
 Scale: 1"=40'

- NOTES:**
1. CONTRACTOR SHALL REMOVE STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS THAT CONFLICTS WITH CONSTRUCTED STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS.
 2. UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS SHALL BE REPLACED.
 3. CONTRACTOR SHALL NEATLY BUNDLE SIGNS AND POSTS TO BE REMOVED AND SALVAGED AND DELIVER TO THE STATE DEPT. OF TRANSPORTATION HIGHWAYS DIVISION KAHULUI BASEYARD. ONLY STRAIGHT, GOOD CONDITION POSTS SHALL BE RETURNED.
 4. CONTRACTOR SHALL RELOCATE SIGNS AND POSTS TO HAVE A MINIMUM OF 6' CLEAR FROM EDGE OF PAVEMENT.



SCOTT A. KUNIOKA
 LICENSED PROFESSIONAL ENGINEER
 No. 7257-C
 HAWAII, U.S.A.
 LICENSE EXPIRATION DATE: 4/30/10
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 SHIMABUKURO, ENDO & YOSHIKAWA, INC.
 1126 12TH AVENUE
 HONOLULU, HAWAII 96816

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNAGE & STRIPING PLAN-3
(Sta. 705+00 TO Sta. 727+00)

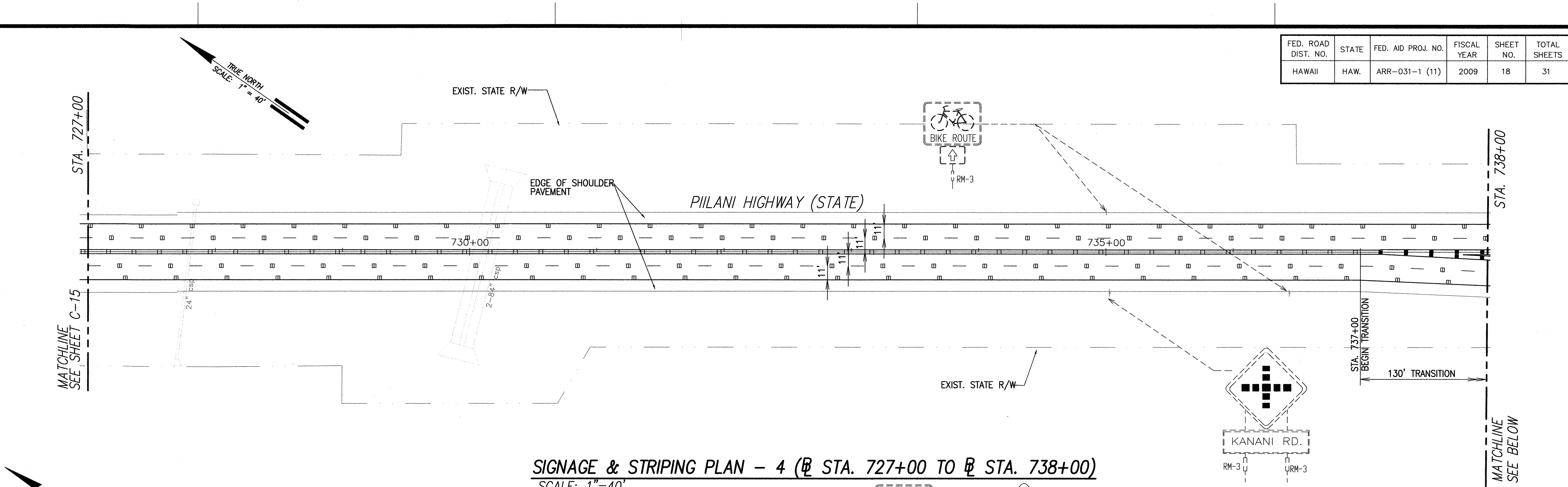
PIILANI HIGHWAY PAVEMENT PREVENTIVE
 MAINTENANCE, LIPOA ST. TO KILOHANA DR.
 Fed. Aid Project No. ARR-031-1 (11)
 Scale: 1" = 40' Date: APRIL 2009

SHEET No. C-15 OF 31 SHEETS

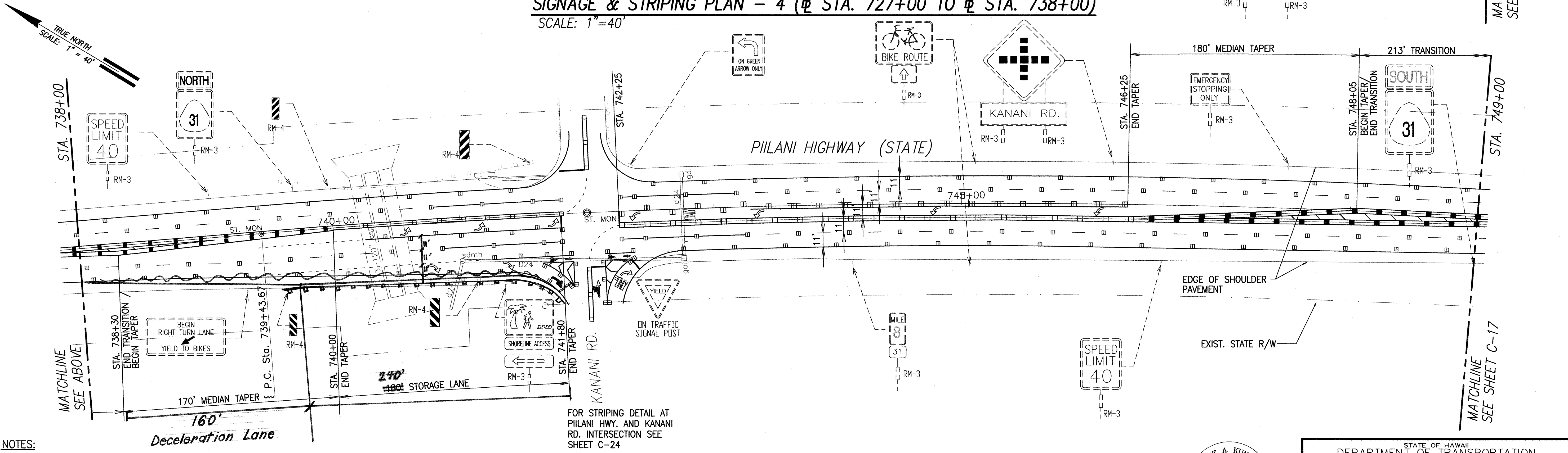
SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
No.	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-031-1 (11)	2009	18	31



SIGNAGE & STRIPING PLAN - 4 (Sta. 727+00 TO Sta. 738+00)
 SCALE: 1"=40'



SIGNAGE & STRIPING PLAN - 4 (Sta. 738+00 TO Sta. 749+00)
 SCALE: 1"=40'

- NOTES:**
- CONTRACTOR SHALL REMOVE STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS THAT CONFLICTS WITH CONSTRUCTED STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS.
 - UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS SHALL BE REPLACED.
 - CONTRACTOR SHALL NEATLY BUNDLE SIGNS AND POSTS TO BE REMOVED AND SALVAGED AND DELIVER TO THE STATE DEPT. OF TRANSPORTATION HIGHWAYS DIVISION KAHULUI BASEYARD. ONLY STRAIGHT, GOOD CONDITION POSTS SHALL BE RETURNED.
 - CONTRACTOR SHALL RELOCATE SIGNS AND POSTS TO HAVE A MINIMUM OF 6' CLEAR FROM EDGE OF PAVEMENT.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

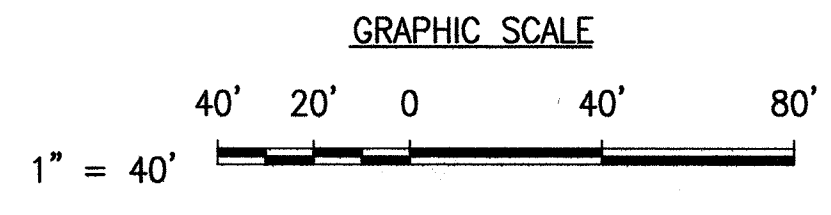
SCOTT A. KUNIOKA
 LICENSED PROFESSIONAL ENGINEER
 No. 7257-C
 HAWAII, U.S.A.
 LICENSE EXPIRATION DATE: 4/30/10
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 SHIMADZUKU, ENDO & YOSHIZAKI, INC.
 1126 12TH AVENUE
 HONOLULU, HAWAII 96816

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNAGE & STRIPING PLAN-4
(Sta. 727+00 TO Sta. 749+00)

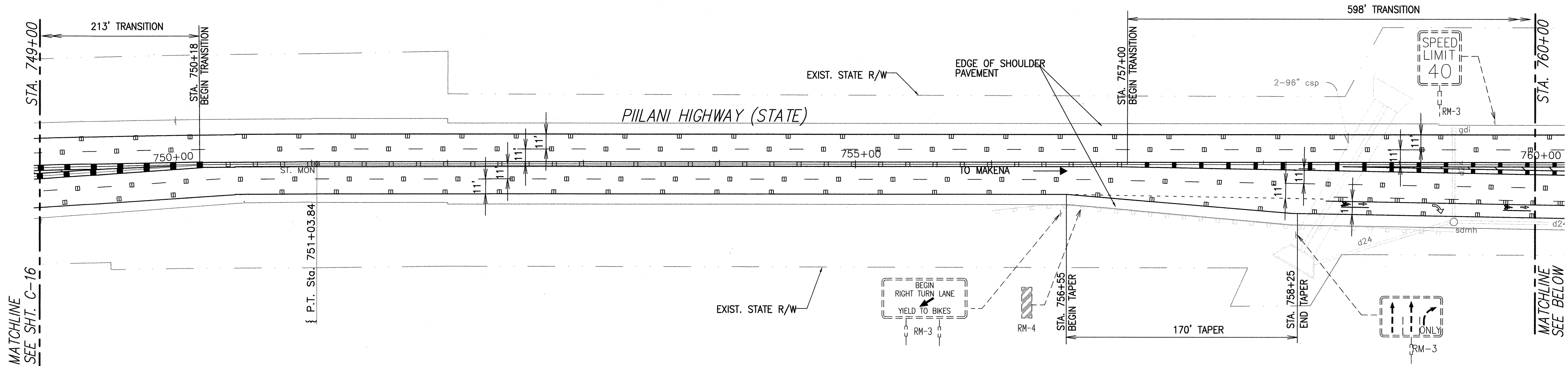
PIILANI HIGHWAY PAVEMENT PREVENTIVE
 MAINTENANCE, LIPOA ST. TO KILOHANA DR.
 Fed. Aid Project No. ARR-031-1 (11)
 Scale: 1" = 40' Date: APRIL 2009

SHEET No. C-16 OF 31 SHEETS

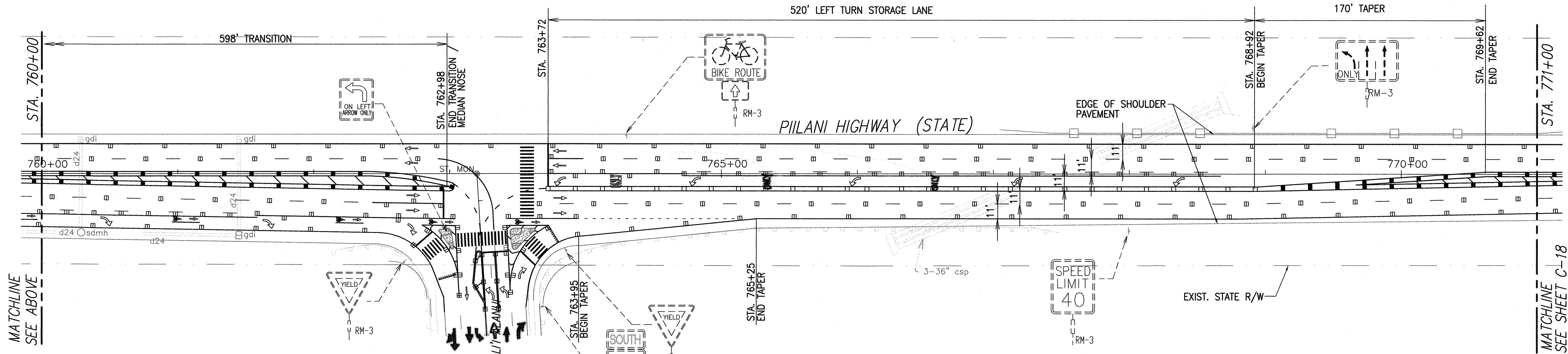


"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-031-1 (11)	2009	19	31



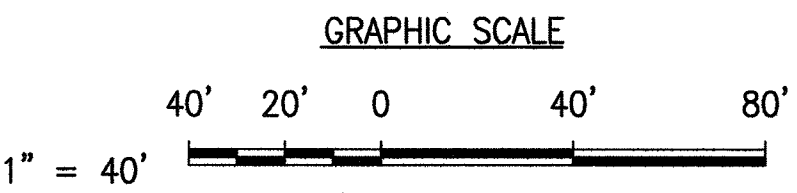
SIGNAGE & STRIPING PLAN - 5 (Sta. 749+00 TO Sta. 760+00)
 SCALE: 1"=40'



SIGNAGE & STRIPING PLAN - 5 (Sta. 760+00 TO Sta. 771+00)
 SCALE: 1"=40'

- NOTES:**
- CONTRACTOR SHALL REMOVE STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS THAT CONFLICTS WITH CONSTRUCTED STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS.
 - UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS SHALL BE REPLACED.
 - CONTRACTOR SHALL NEATLY BUNDLE SIGNS AND POSTS TO BE REMOVED AND SALVAGED AND DELIVER TO THE STATE DEPT. OF TRANSPORTATION HIGHWAYS DIVISION KAHULUI BASEYARD. ONLY STRAIGHT, GOOD CONDITION POSTS SHALL BE RETURNED.
 - CONTRACTOR SHALL RELOCATE SIGNS AND POSTS TO HAVE A MINIMUM OF 6' CLEAR FROM EDGE OF PAVEMENT.

FOR STRIPING DETAIL AT
 PIILANI HWY. AND KE
 ALI'ALANUI RD.
 INTERSECTION SEE SHEET
 C-25



SCOTT A. KUMOKA
 LICENSED PROFESSIONAL ENGINEER
 No. 7257-C
 HAWAII, U.S.A.
 LICENSE EXPIRATION DATE: 4/30/10
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 SHIMABUKURO, ENDO & YOSHIZAKI, INC.
 1126 12TH AVENUE
 HONOLULU, HAWAII 96816

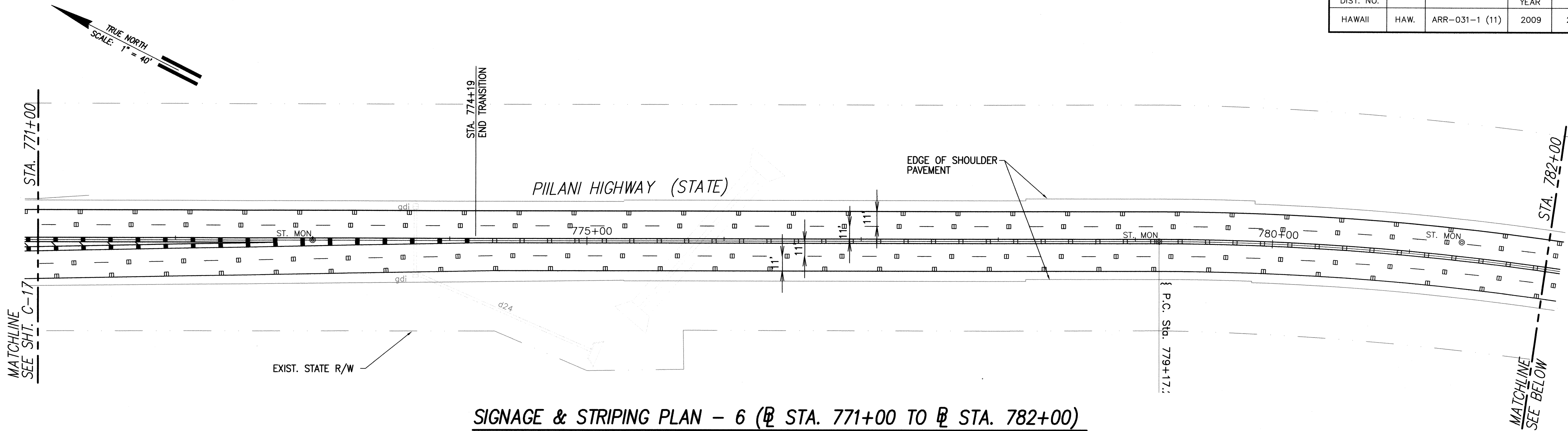
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNAGE & STRIPING PLAN-5
(Sta. 749+00 TO Sta. 671+00)

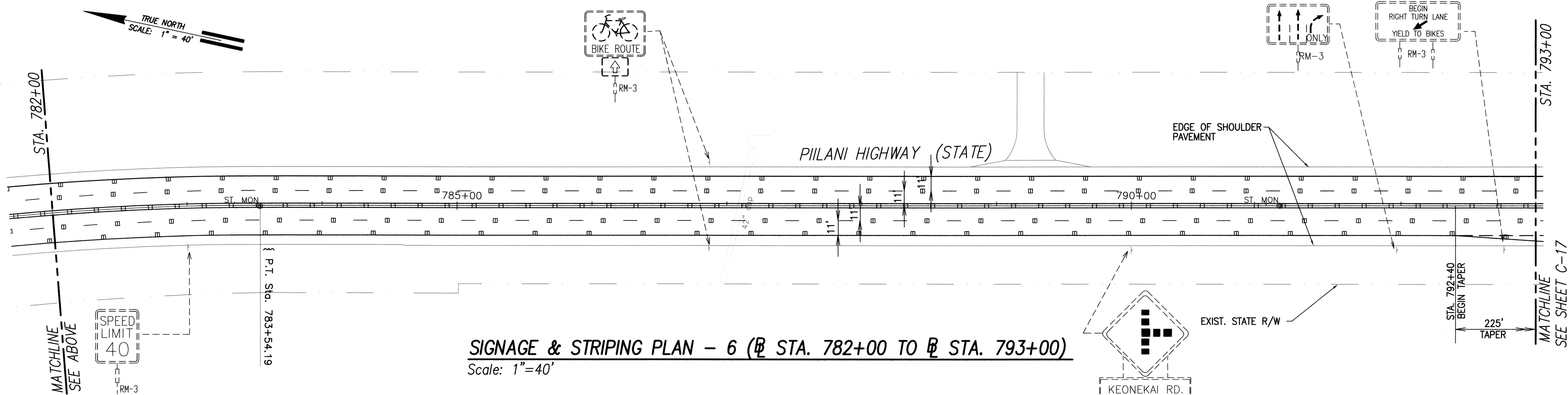
PIILANI HIGHWAY PAVEMENT PREVENTIVE
 MAINTENANCE, LIPOA ST. TO KILOHANA DR.
 Fed. Aid Project No. ARR-031-1 (11)
 Scale: 1" = 40' Date: APRIL 2009

SHEET No.C-17 OF 31 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-031-1 (11)	2009	20	31



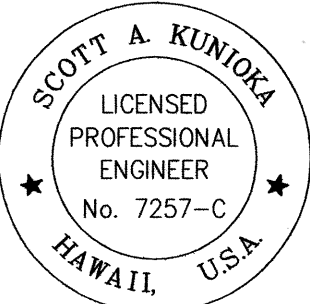
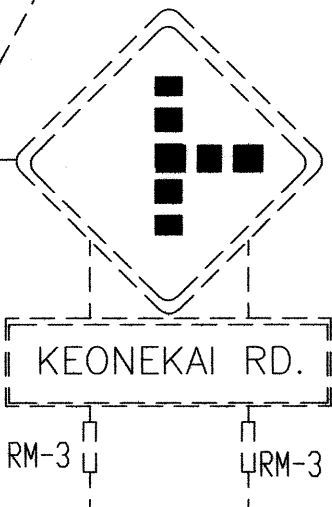
SIGNAGE & STRIPING PLAN - 6 (Sta. 771+00 TO Sta. 782+00)
Scale: 1"=40'



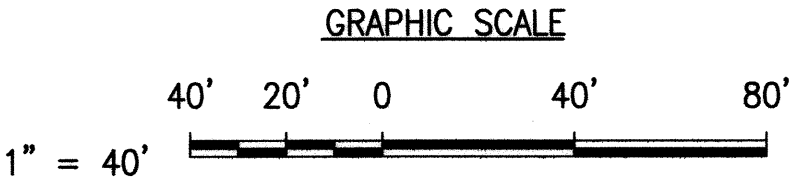
SIGNAGE & STRIPING PLAN - 6 (Sta. 782+00 TO Sta. 793+00)
Scale: 1"=40'

- NOTES:
1. CONTRACTOR SHALL REMOVE STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS THAT CONFLICTS WITH CONSTRUCTED STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS.
 2. UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS SHALL BE REPLACED.
 3. CONTRACTOR SHALL NEATLY BUNDLE SIGNS AND POSTS TO BE REMOVED AND SALVAGED AND DELIVER TO THE STATE DEPT. OF TRANSPORTATION HIGHWAYS DIVISION KAHULUI BASEYARD. ONLY STRAIGHT, GOOD CONDITION POSTS SHALL BE RETURNED.
 4. CONTRACTOR SHALL RELOCATE SIGNS AND POSTS TO HAVE A MINIMUM OF 6' CLEAR FROM EDGE OF PAVEMENT.

DATE	_____
DESIGNED BY	_____
TRACED BY	_____
NOTED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____



LICENSE EXPIRATION DATE: 4/30/10
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Scott A. Kunioka
SHIMABUKURO, ENDO & YOSHIKAWA, INC.
1126 12TH AVENUE
HONOLULU, HAWAII 96816



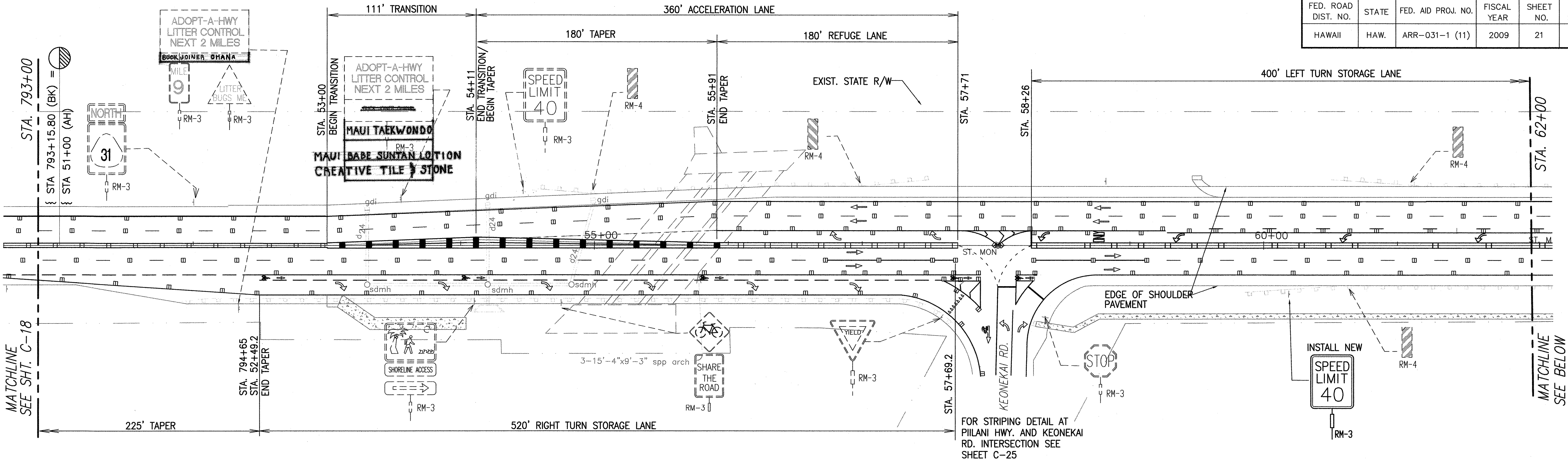
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNAGE & STRIPING PLAN-6
(Sta. 771+00 TO Sta. 793+00)

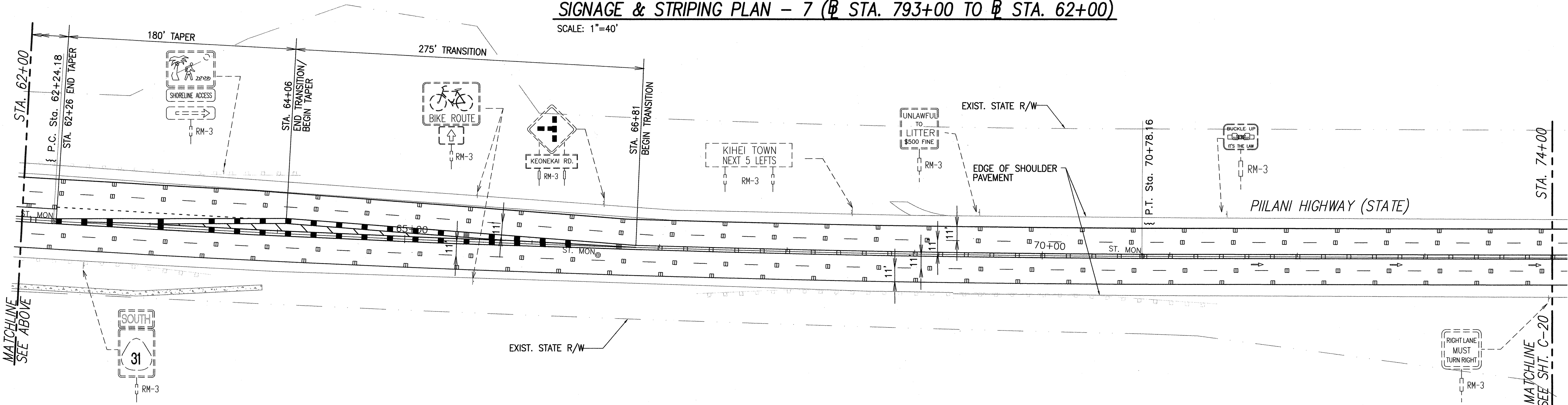
PIILANI HIGHWAY PAVEMENT PREVENTIVE
MAINTENANCE, LIPOA ST. TO KILOHANA DR.
Fed. Aid Project No. ARR-031-1 (11)
Scale: 1" = 40' Date: APRIL 2009

SHEET No. C-18 OF 31 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-031-1 (11)	2009	21	31



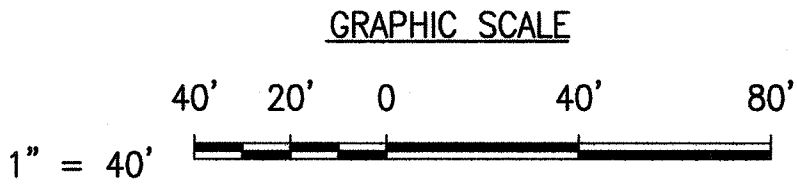
SIGNAGE & STRIPING PLAN - 7 (Sta. 793+00 TO Sta. 62+00)
 SCALE: 1"=40'



NOTES:

- CONTRACTOR SHALL REMOVE STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS THAT CONFLICTS WITH CONSTRUCTED STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS.
- UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS SHALL BE REPLACED.
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- CONTRACTOR SHALL RELOCATE SIGNS AND POSTS TO HAVE A MINIMUM OF 6' CLEAR FROM EDGE OF PAVEMENT.

SIGNAGE & STRIPING PLAN - 7 (Sta. 62+00 TO Sta. 74+00)
 SCALE: 1"=40'



SCOTT A. KUNIOKA
 LICENSED PROFESSIONAL ENGINEER
 No. 7257-C
 HAWAII, U.S.A.
 LICENSE EXPIRATION DATE: 4/30/10
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 SHIMABUKURO, ENDO & YOSHIZAKI, INC.
 1126 12TH AVENUE
 HONOLULU, HAWAII 96816

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

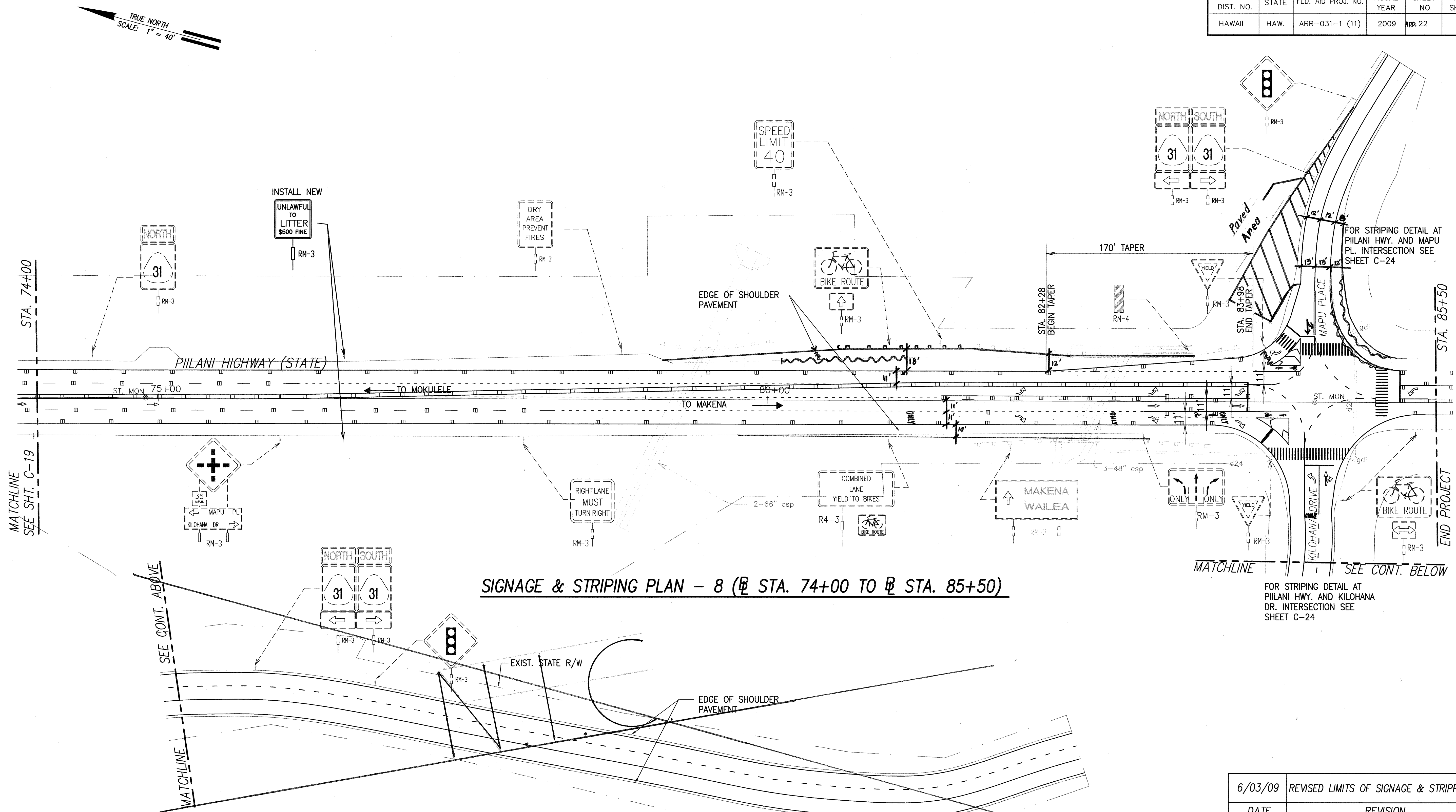
SIGNAGE & STRIPING PLAN-7
(Sta. 793+00 TO Sta. 74+00)

PIILANI HIGHWAY PAVEMENT PREVENTIVE
 MAINTENANCE, LIPOA ST. TO KILOHANA DR.
 Fed. Aid Project No. ARR-031-1 (11)
 Scale: 1" = 40' Date: APRIL 2009

SHEET No. C-19 OF 31 SHEETS

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

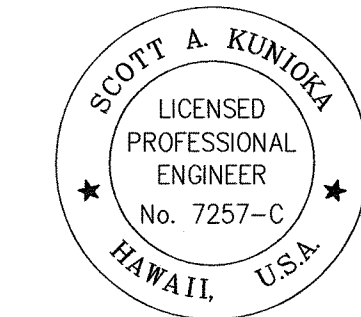
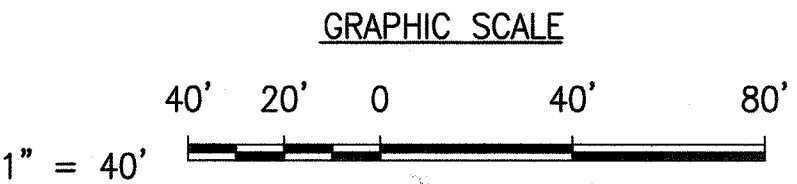
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-031-1 (11)	2009	ADD. 22	31



SIGNAGE & STRIPING PLAN - 8 (@ STA. 74+00 TO @ STA. 85+50)

- NOTES:
1. CONTRACTOR SHALL REMOVE STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS THAT CONFLICTS WITH CONSTRUCTED STRIPINGS, MARKINGS, AND RAISED PAVT. MARKERS.
 2. UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS AND POSTS WITHIN THE PROJECT LIMITS SHALL BE REPLACED.
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 4. CONTRACTOR SHALL RELOCATE SIGNS AND POSTS TO HAVE A MINIMUM OF 6' CLEAR FROM EDGE OF PAVEMENT.

See Plan No. 14



LICENSE EXPIRATION DATE: 4/30/10
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
SHIMADZUKO, ENDO & YOSHIKAZU, INC.
1126 12TH AVENUE
HONOLULU, HAWAII 96816

6/03/09	REVISED LIMITS OF SIGNAGE & STRIPPING
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNAGE & STRIPING PLAN-8
(@ STA. 74+00 TO @ STA. 85+50)

PILANI HIGHWAY PAVEMENT PREVENTIVE
MAINTENANCE, LIPOA ST. TO KILOHANA DR.
Fed. Aid Project No. ARR-031-1 (11)
Scale: 1" = 40' Date: JUNE 2009

SHEET No. C-20 OF 31 SHEETS

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

"AS-BUILT"