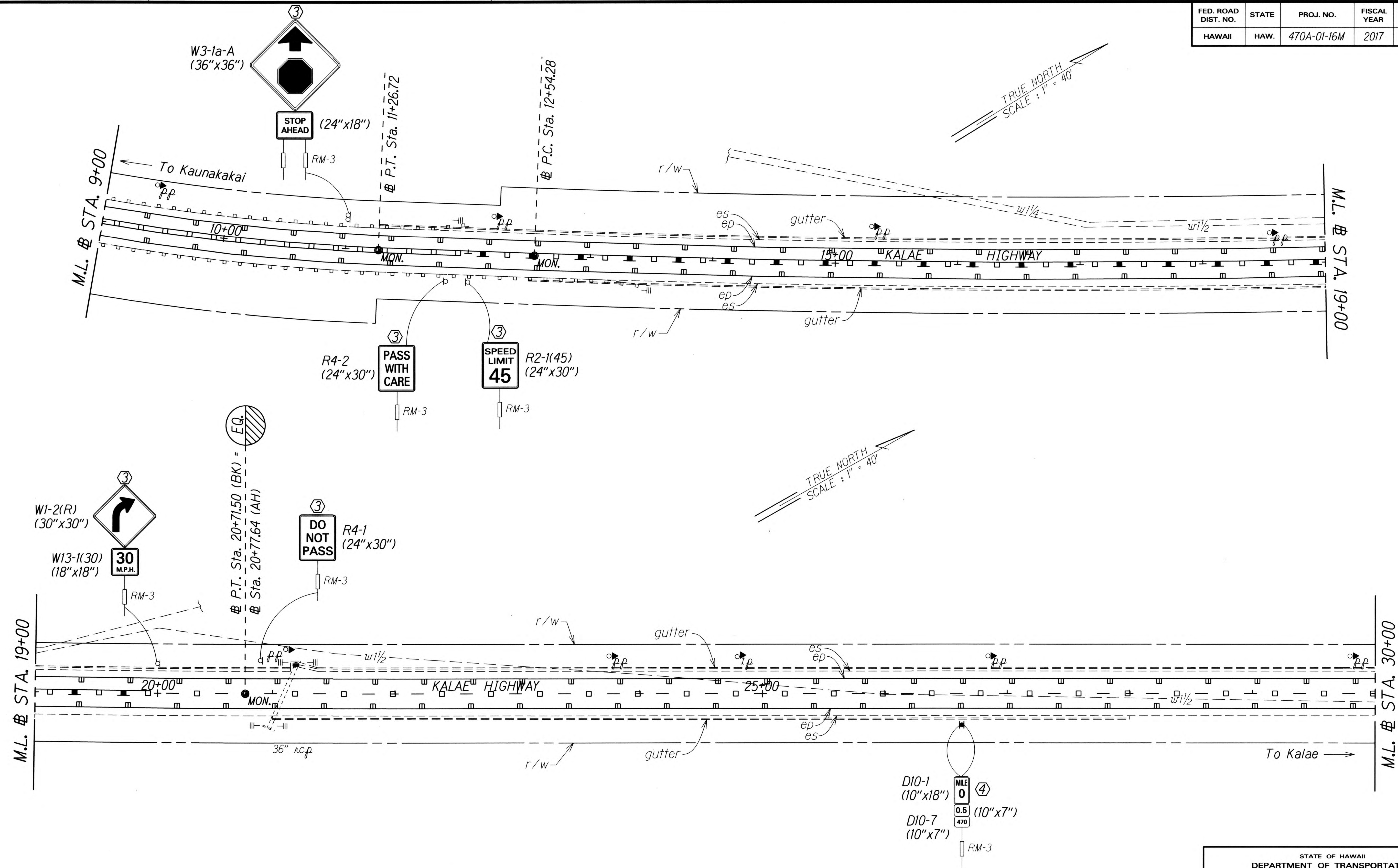


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	13	26



- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY & PAVEMENT
MARKING PLAN**

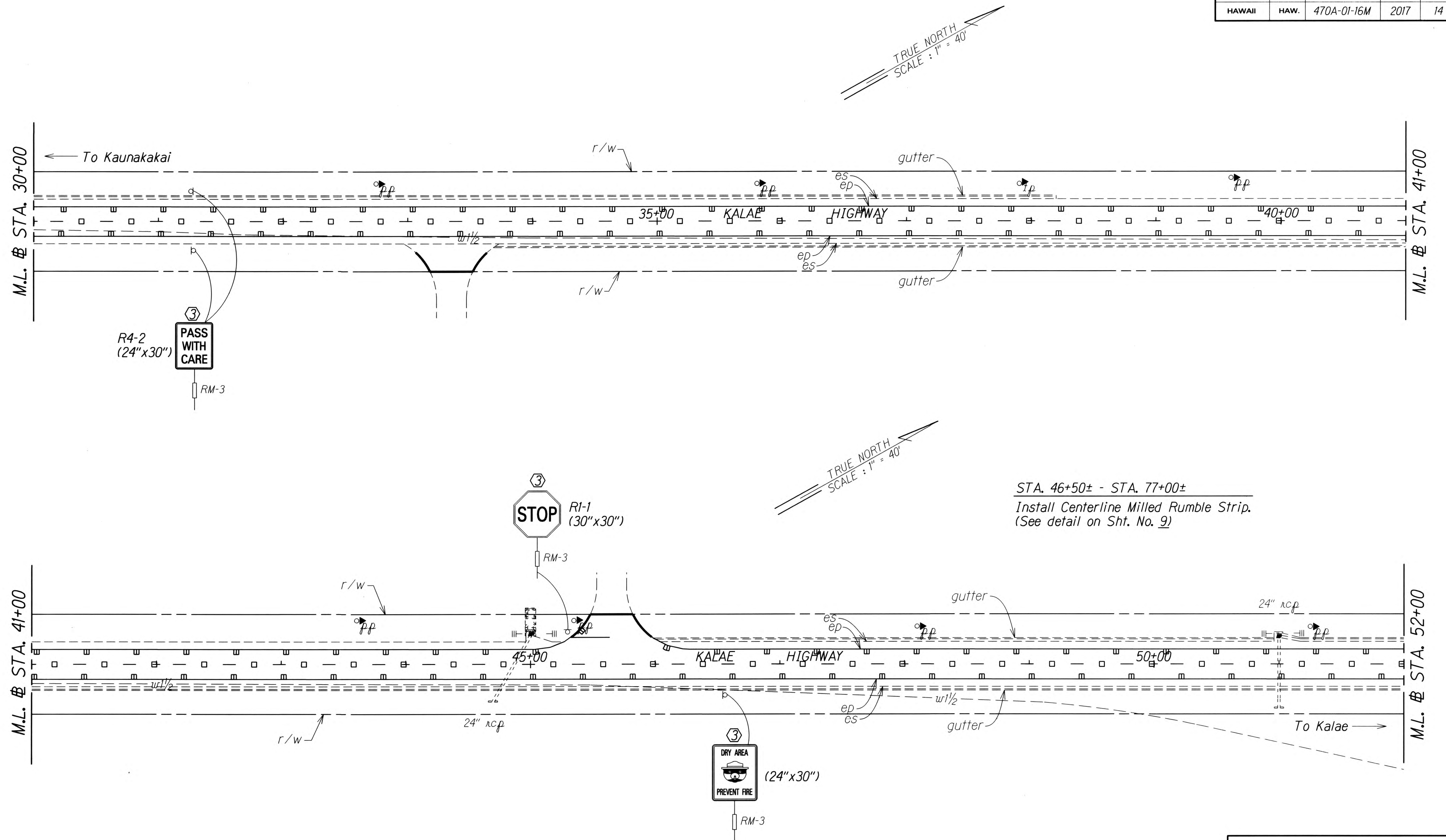
KALAE HIGHWAY RESURFACING
Maunaloa Highway to Kalaupapa Lookout
Project No. 470A-01-16M

Scale: 1" = 40' Date: June, 2016

SHEET No. 2 OF 15 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	14	26



STA. 46+50± - STA. 77+00±
Install Centerline Milled Rumble Strip.
(See detail on Sht. No. 9)

KEY:

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) & Post(s)
- ③ Remove Exist. & Install New Sign(s) & Post(s)
- ④ Install New Sign(s) & Post(s)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY & PAVEMENT
MARKING PLAN**

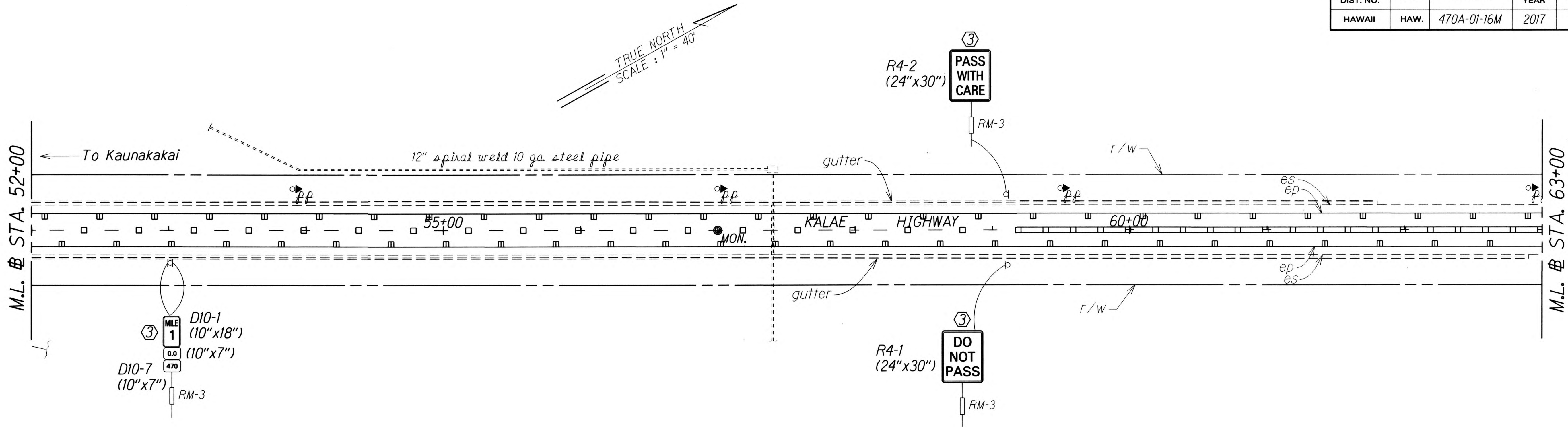
KALAE HIGHWAY RESURFACING
Maunaloa Highway to Kalaupapa Lookout
Project No. 470A-01-16M

Scale: 1" = 40' Date: June, 2016

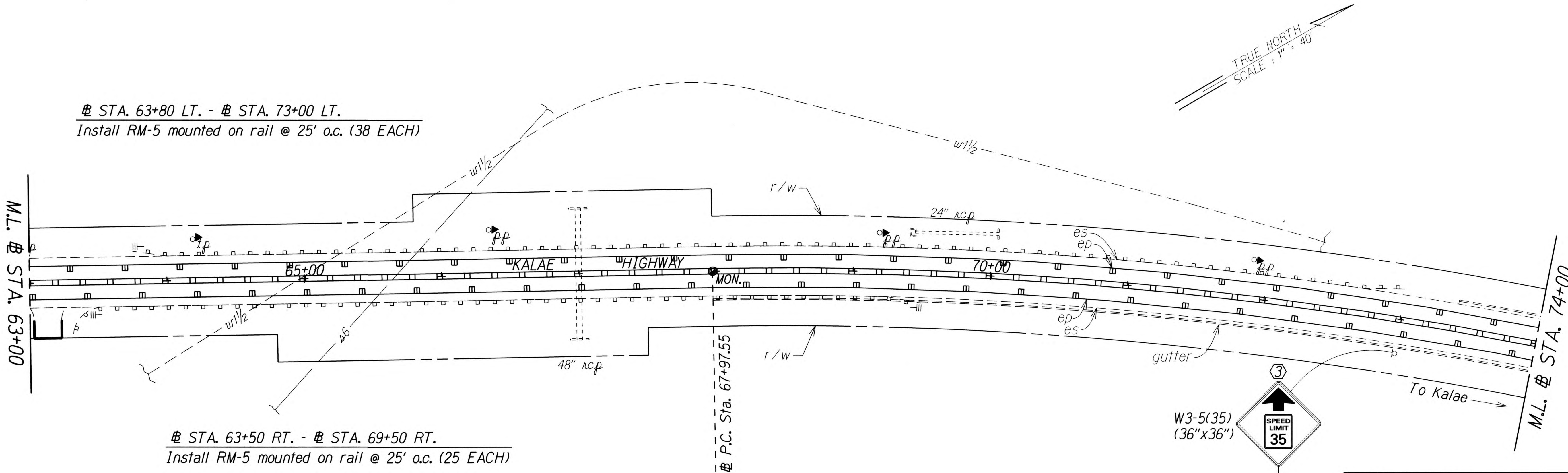
SHEET No. 3 OF 15 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
QUANTITIES BY	CHECKED BY	
No. 10021		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	15	26



Sta. 63+80 LT. - Sta. 73+00 LT.
Install RM-5 mounted on rail @ 25' o.c. (38 EACH)



Sta. 63+50 RT. - Sta. 69+50 RT.
Install RM-5 mounted on rail @ 25' o.c. (25 EACH)

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

KEY:

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) & Post(s)
- ③ Remove Exist. & Install New Sign(s) & Post(s)
- ④ Install New Sign(s) & Post(s)

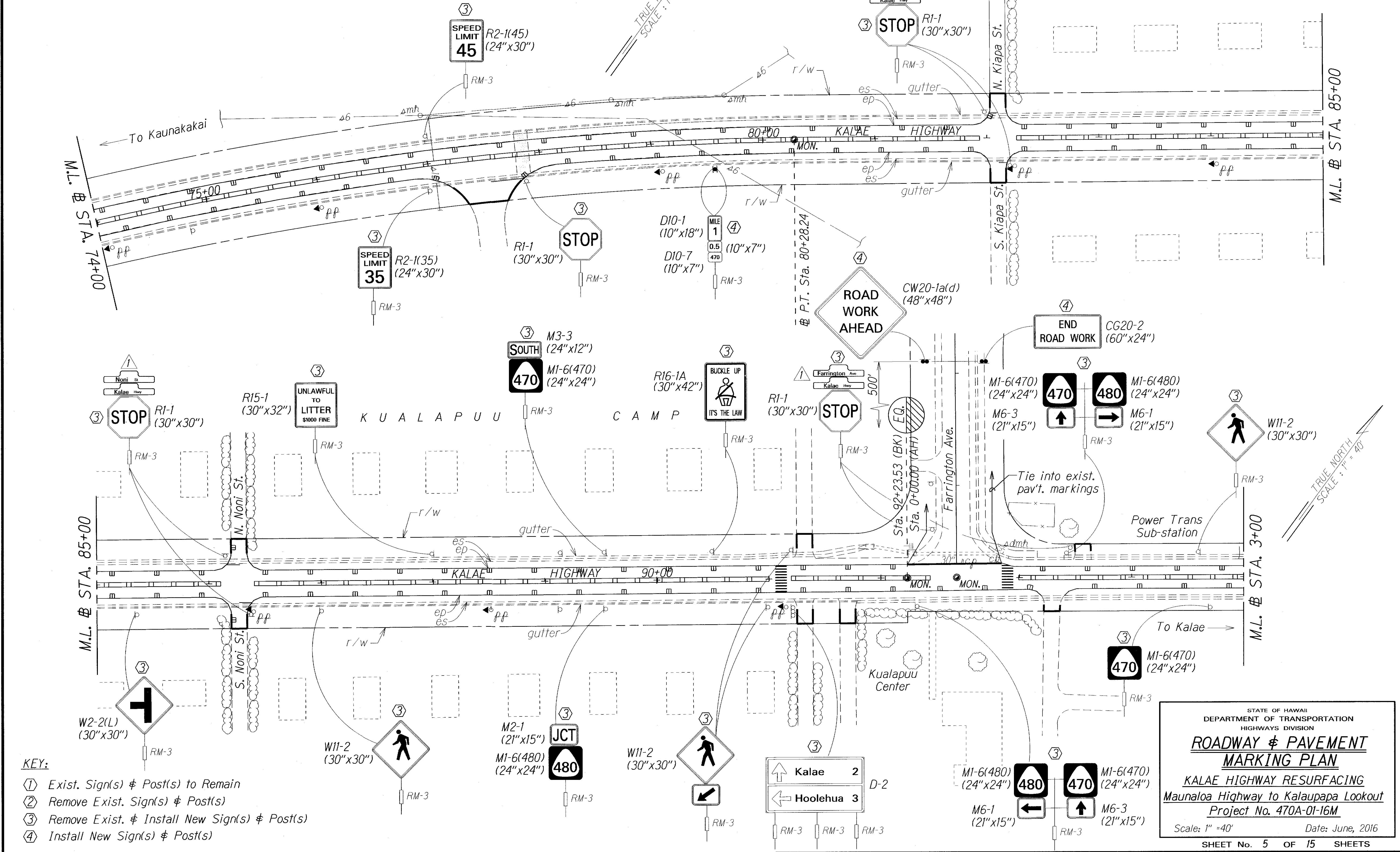
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY & PAVEMENT
MARKING PLAN**
KALAE HIGHWAY RESURFACING
Maunaloa Highway to Kalaupapa Lookout
Project No. 470A-01-16M
Scale: 1" = 40' Date: June, 2016

SHEET No. 4 OF 15 SHEETS

①	5-26-17	Added Street Name Sign.
DATE	REVISION	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	ADD.16	26



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

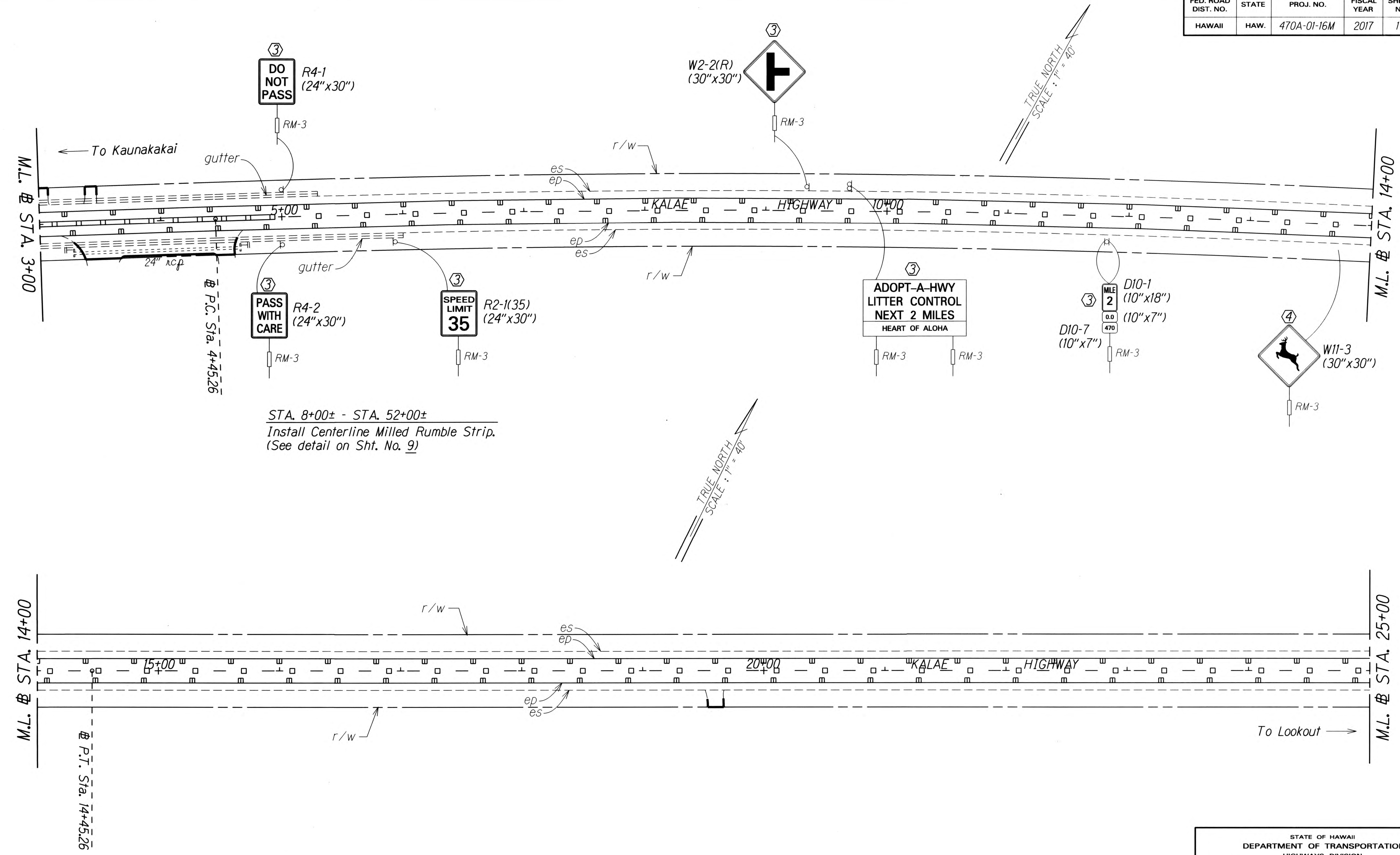
ROADWAY & PAVEMENT MARKING PLAN

KALAE HIGHWAY RESURFACING
Maunaloa Highway to Kalaupapa Lookout
Project No. 470A-01-16M

Scale: 1" = 40' Date: June, 2016

SHEET No. 5 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	17	26



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

- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

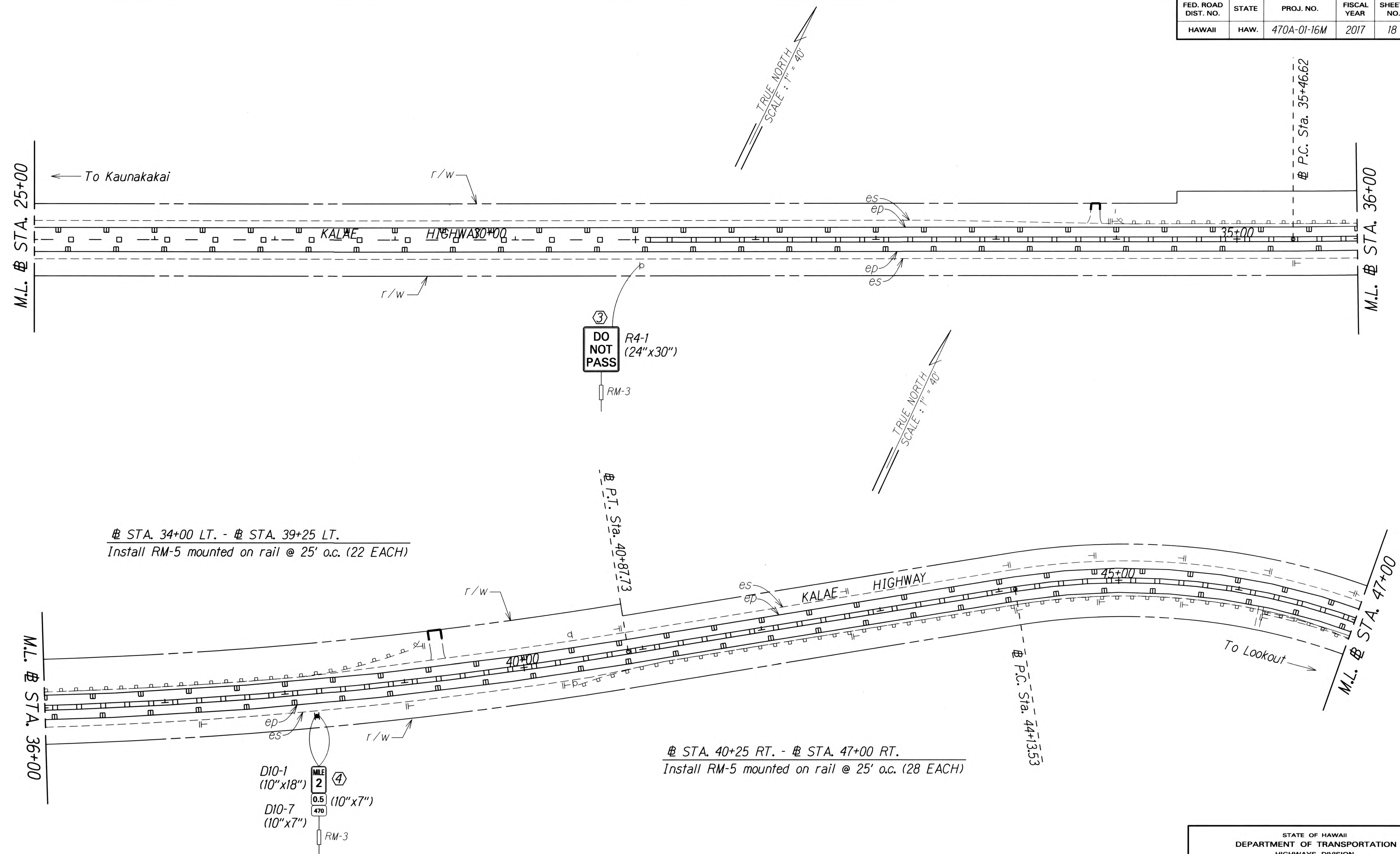
**ROADWAY & PAVEMENT
MARKING PLAN**

KALAE HIGHWAY RESURFACING
Maunaloa Highway to Kalaupapa Lookout
Project No. 470A-01-16M

Scale: 1" = 40' Date: June, 2016

SHEET No. 6 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	18	26



Sta. 34+00 LT. - Sta. 39+25 LT.
Install RM-5 mounted on rail @ 25' o.c. (22 EACH)

Sta. 40+25 RT. - Sta. 47+00 RT.
Install RM-5 mounted on rail @ 25' o.c. (28 EACH)

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY & PAVEMENT
MARKING PLAN**

KALAE HIGHWAY RESURFACING
Maunaloa Highway to Kalaupapa Lookout
Project No. 470A-01-16M

Scale: 1" = 40' Date: June, 2016

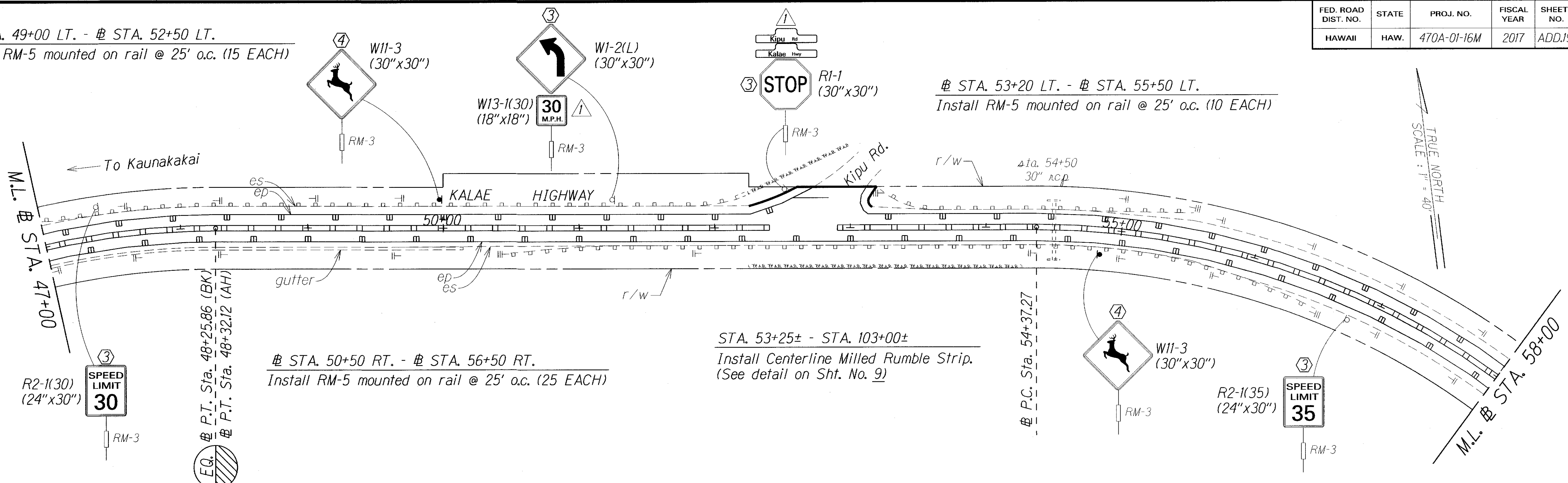
SHEET No. 7 OF 15 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	ADD.19	26

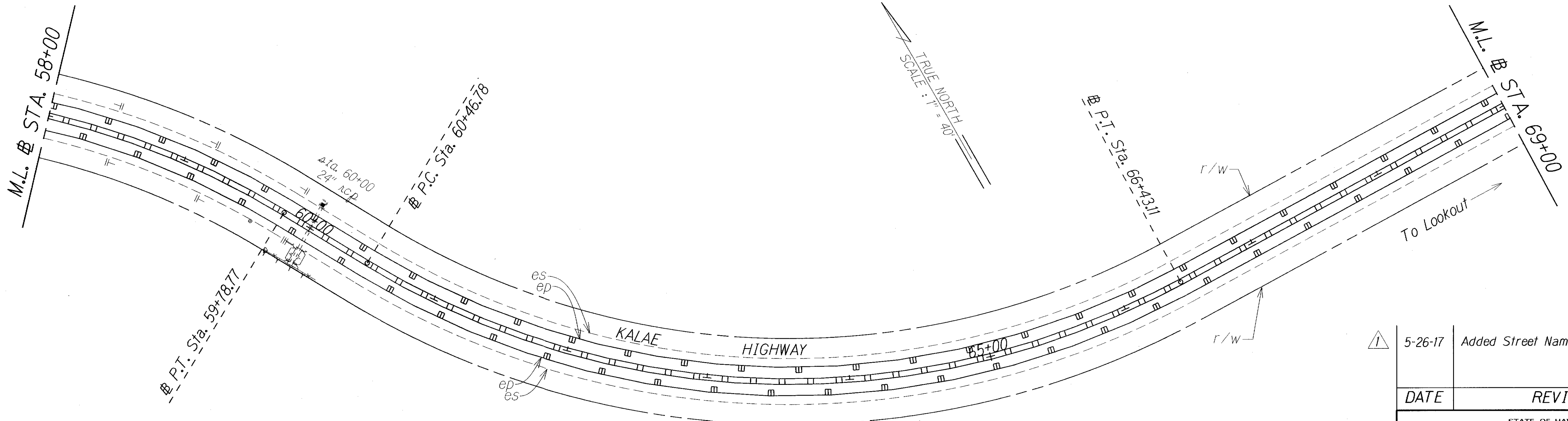
± STA. 49+00 LT. - ± STA. 52+50 LT.
Install RM-5 mounted on rail @ 25' o.c. (15 EACH)

± STA. 53+20 LT. - ± STA. 55+50 LT.
Install RM-5 mounted on rail @ 25' o.c. (10 EACH)



± STA. 50+50 RT. - ± STA. 56+50 RT.
Install RM-5 mounted on rail @ 25' o.c. (25 EACH)

STA. 53+25± - STA. 103+00±
Install Centerline Milled Rumble Strip.
(See detail on Sht. No. 9)

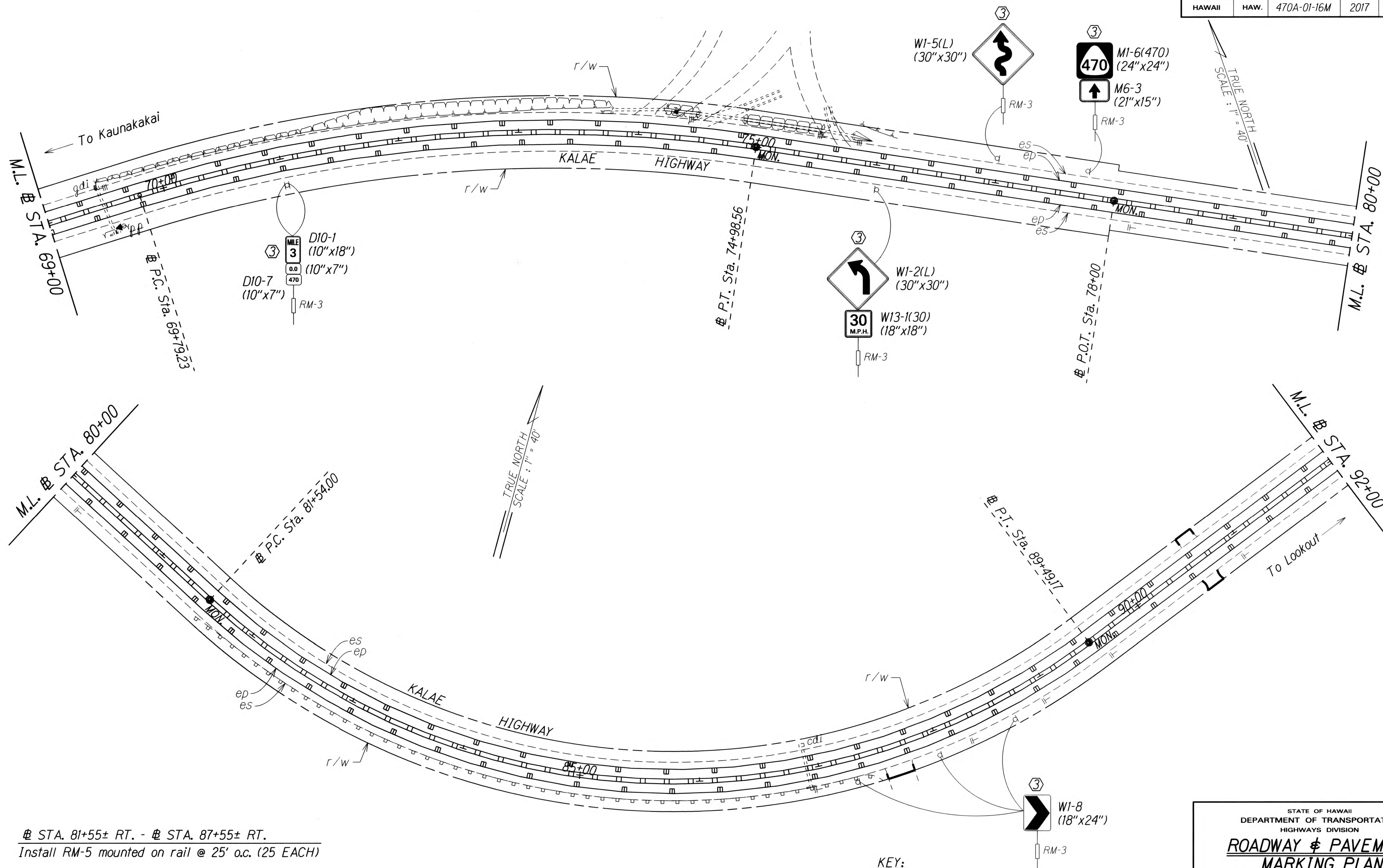


- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

5-26-17	Added Street Name & Sign.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION ROADWAY & PAVEMENT MARKING PLAN KALAE HIGHWAY RESURFACING Maunaloa Highway to Kalaupapa Lookout Project No. 470A-01-16M Scale: 1" = 40' Date: June, 2016 SHEET No. 8 OF 15 SHEETS	

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	20	26



STA. 81+55± RT. - STA. 87+55± RT.
 Install RM-5 mounted on rail @ 25' o.c. (25 EACH)

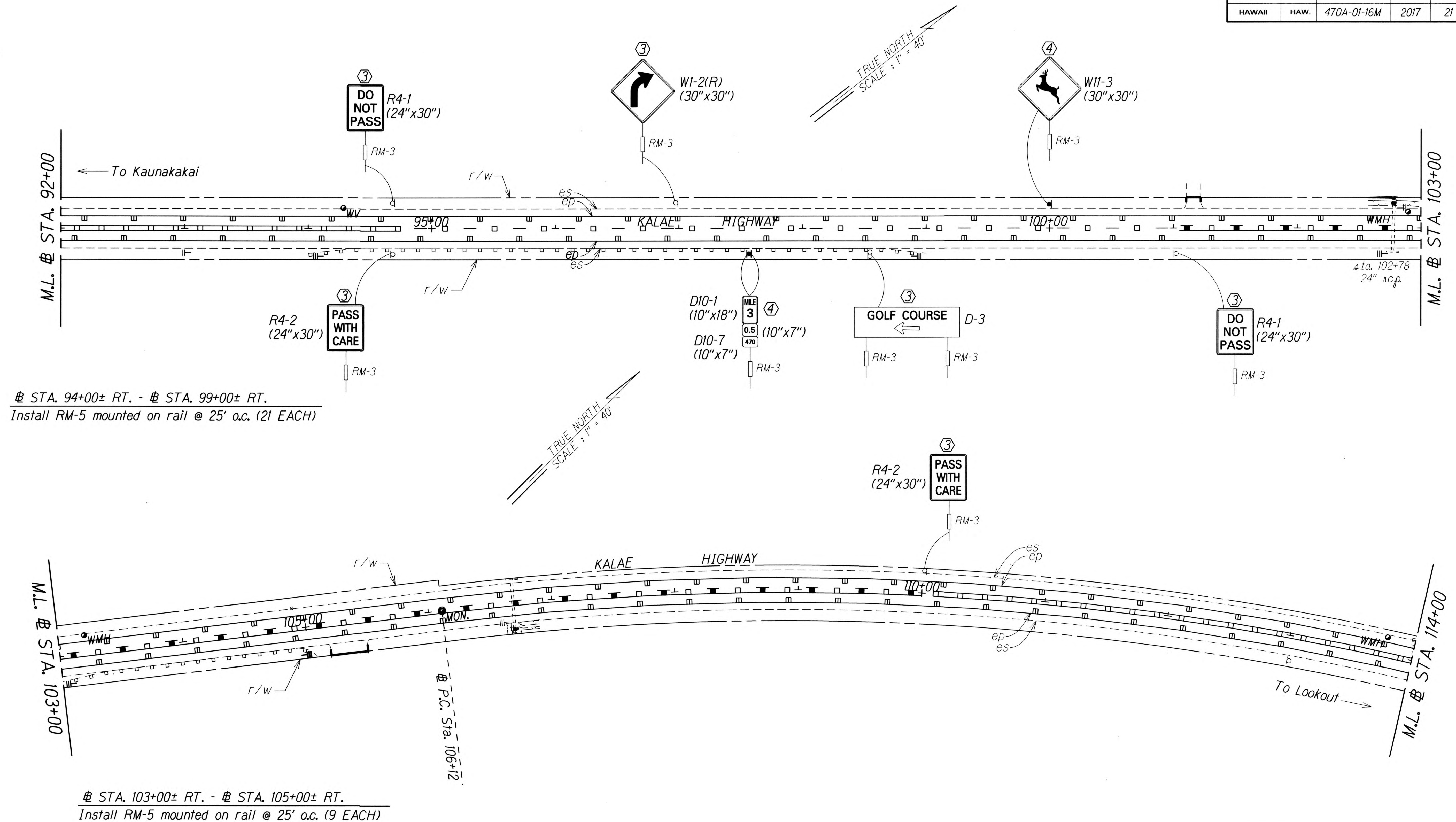
KEY:

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) & Post(s)
- ③ Remove Exist. & Install New Sign(s) & Post(s)
- ④ Install New Sign(s) & Post(s)

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY & PAVEMENT MARKING PLAN
 KALAE HIGHWAY RESURFACING
 Maunaloa Highway to Kalaupapa Lookout
 Project No. 470A-01-16M
 Scale: 1" = 40' Date: June, 2016
 SHEET No. 9 OF 15 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	21	26



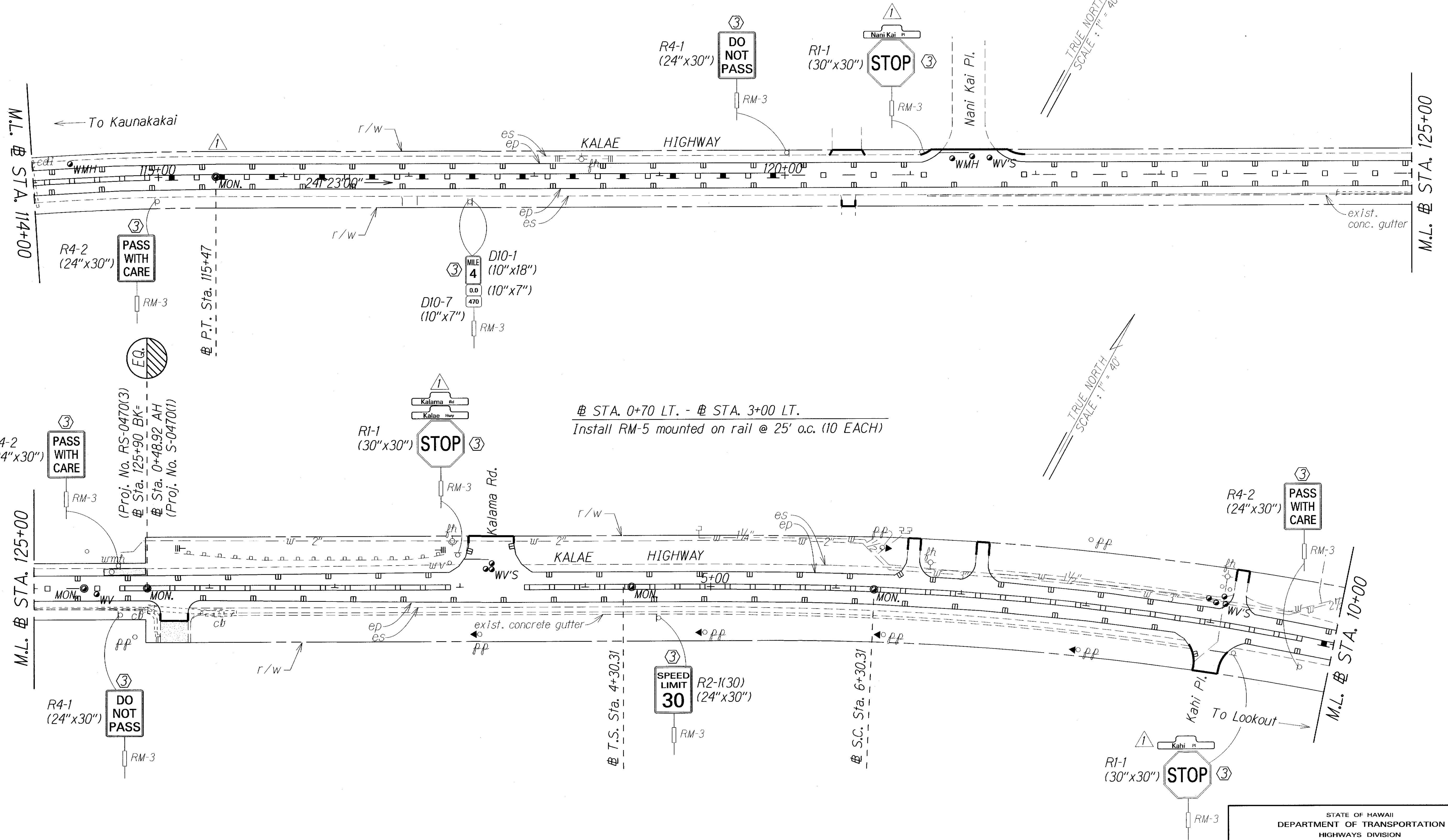
ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
DATE	
BY	

KEY:

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) & Post(s)
- ③ Remove Exist. & Install New Sign(s) & Post(s)
- ④ Install New Sign(s) & Post(s)

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY & PAVEMENT MARKING PLAN
 KALAE HIGHWAY RESURFACING
 Maunaloa Highway to Kalaupapa Lookout
 Project No. 470A-01-16M
 Scale: 1" = 40' Date: June, 2016
 SHEET No. 10 OF 15 SHEETS

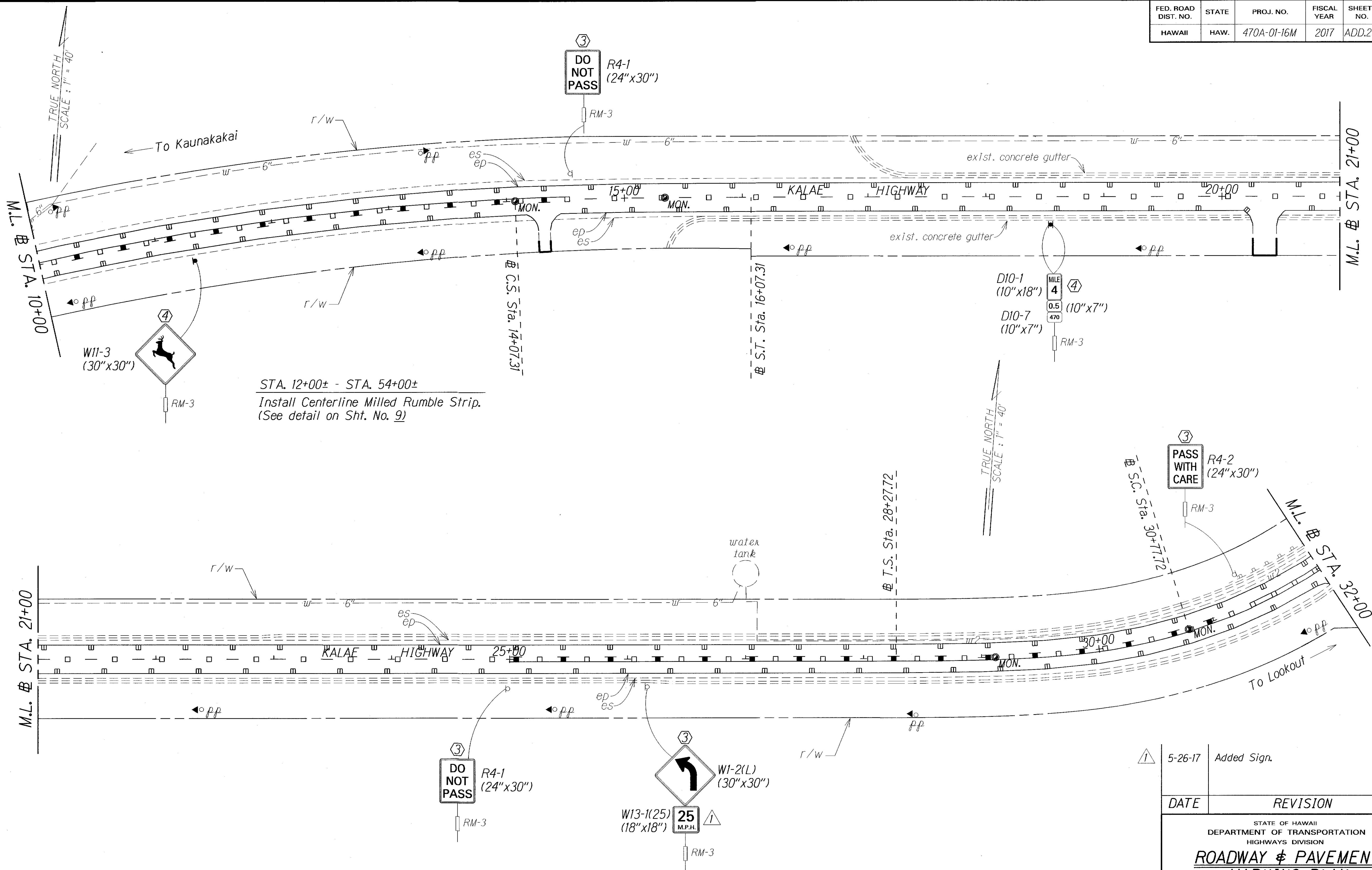
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	ADD.22	26



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

5-26-17	Added Street Name Sign & Baseline Monument.
DATE	REVISION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	ADD.23	26



STA. 12+00± - STA. 54+00±
Install Centerline Milled Rumble Strip.
(See detail on Sht. No. 9)

- KEY:
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

DATE	REVISION
5-26-17	Added Sign.
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION ROADWAY & PAVEMENT MARKING PLAN KALAE HIGHWAY RESURFACING Maunaloa Highway to Kalaupapa Lookout Project No. 470A-01-16M Scale: 1" = 40' Date: June, 2016 SHEET No. 12 OF 15 SHEETS	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY	CHECKED BY	
IN. 1/2" = 40'		

KEY:

- Exist. Sign(s) & Post(s) to Remain
- Remove Exist. Sign(s) & Post(s)
- Remove Exist. & Install New Sign(s) & Post(s)
- Install New Sign(s) & Post(s)

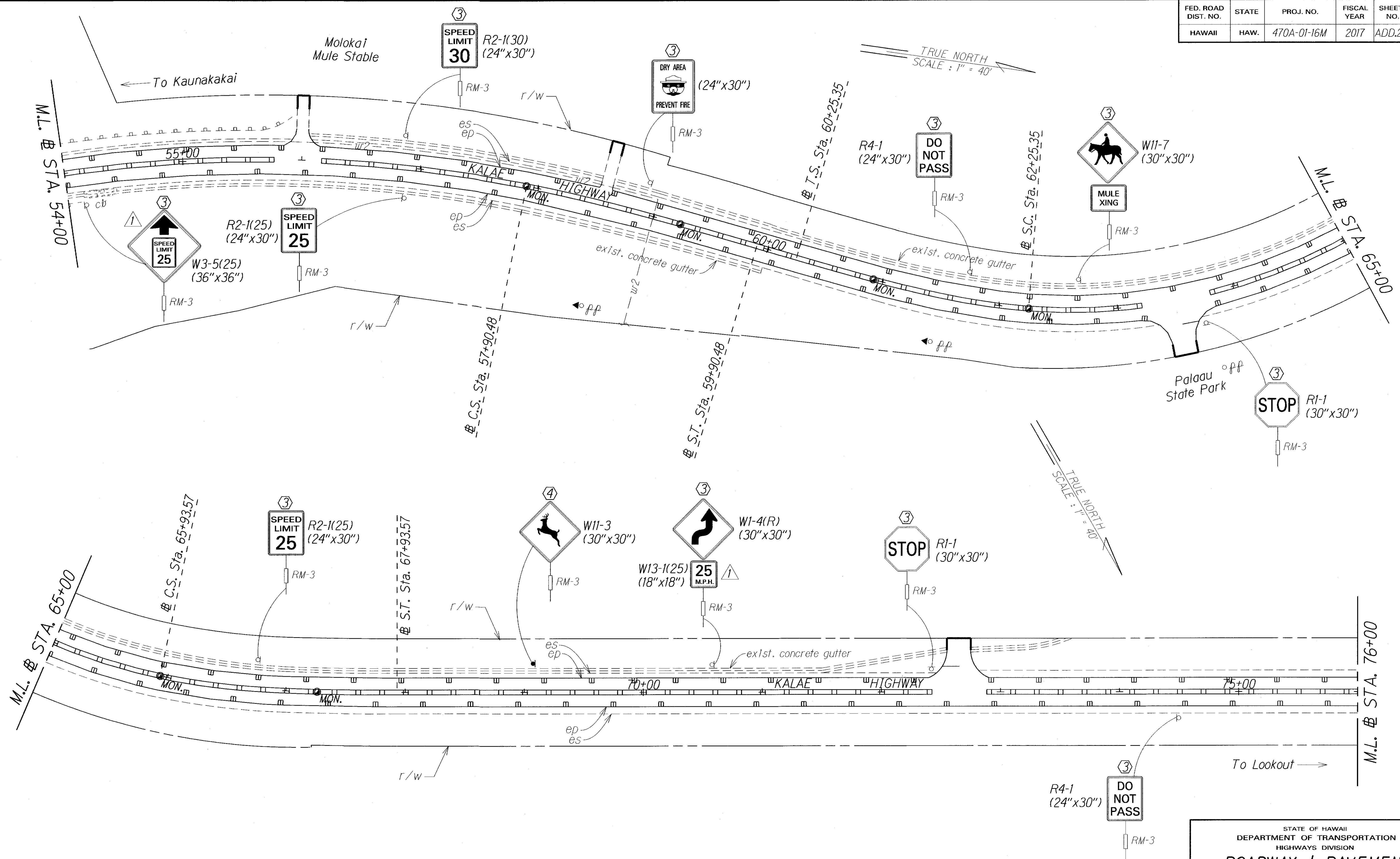
DATE	REVISION
5-26-17	Added Sign.
5-26-17	Edit Title Block.

- ① Exist. Sign(s) $\nrightarrow$ Post(s) to Remain
- ② Remove Exist. Sign(s) $\nrightarrow$ Post(s)
- ③ Remove Exist. $\&$ Install New Sign(s) $\nrightarrow$ Post(s)
- ④ Install New Sign(s) $\nrightarrow$ Post(s)

DATE	REVISION
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ADD. 24

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	ADD.25	26



KEY:

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) & Post(s)
- ③ Remove Exist. & Install New Sign(s) & Post(s)
- ④ Install New Sign(s) & Post(s)

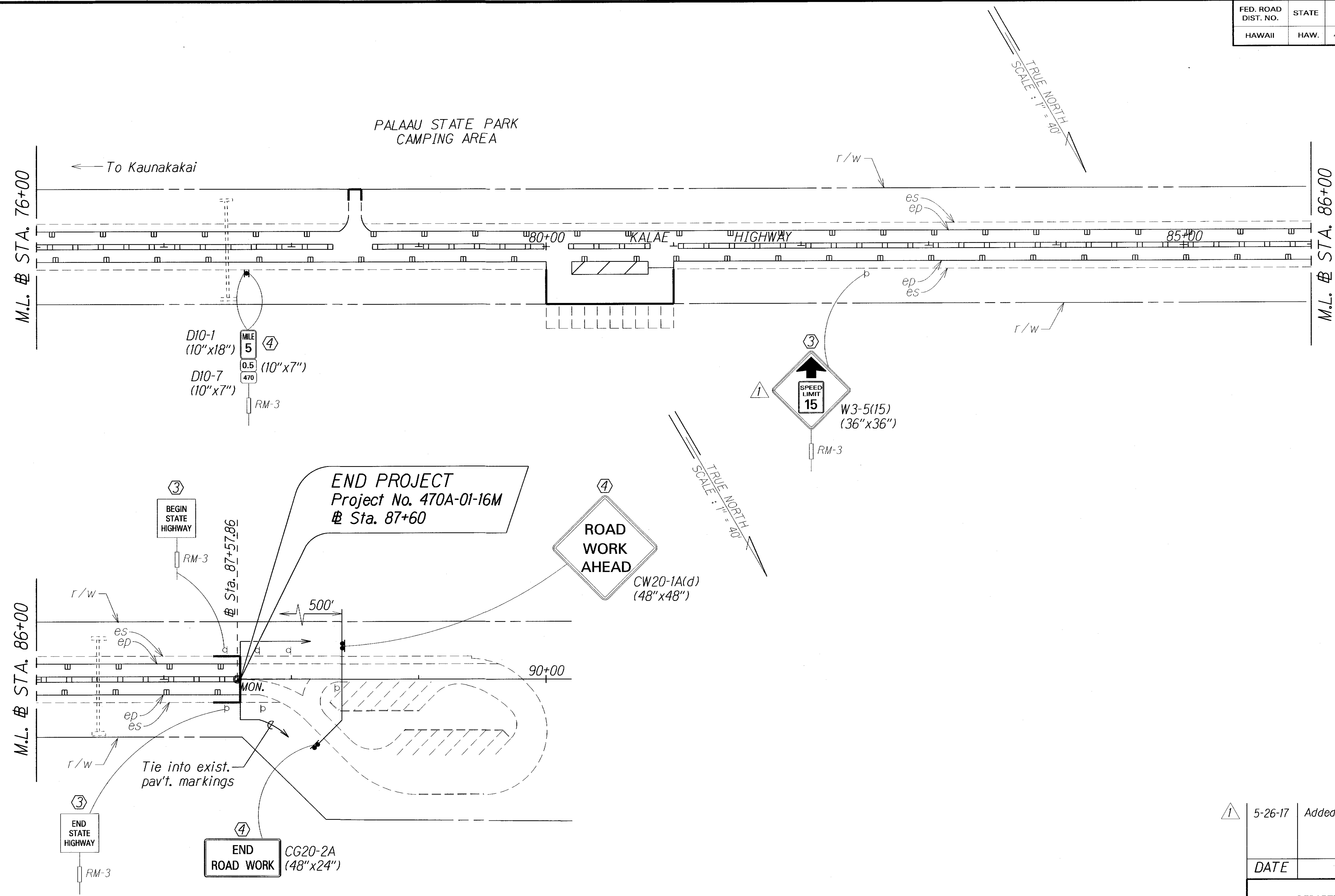
① 5-26-17 Added Sign.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY & PAVEMENT
MARKING PLAN**
KALAE HIGHWAY RESURFACING
Maunaloa Highway to Kalaupapa Lookout
Project No. 470A-01-16M
Scale: 1" = 40' Date: June, 2016
SHEET No. 14 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	470A-01-16M	2017	ADD. 26	26



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

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
 - ② Remove Exist. Sign(s) & Post(s)
 - ③ Remove Exist. & Install New Sign(s) & Post(s)
 - ④ Install New Sign(s) & Post(s)

①	5-26-17	Added Sign.
DATE		REVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>ROADWAY & PAVEMENT</u> <u>MARKING PLAN</u> <u>KALAE HIGHWAY RESURFACING</u> <u>Maunaloa Highway to Kalaupapa Lookout</u> <u>Project No. 470A-01-16M</u> Scale: 1" = 40' Date: June, 2016
SHEET No. 15 OF 15 SHEETS