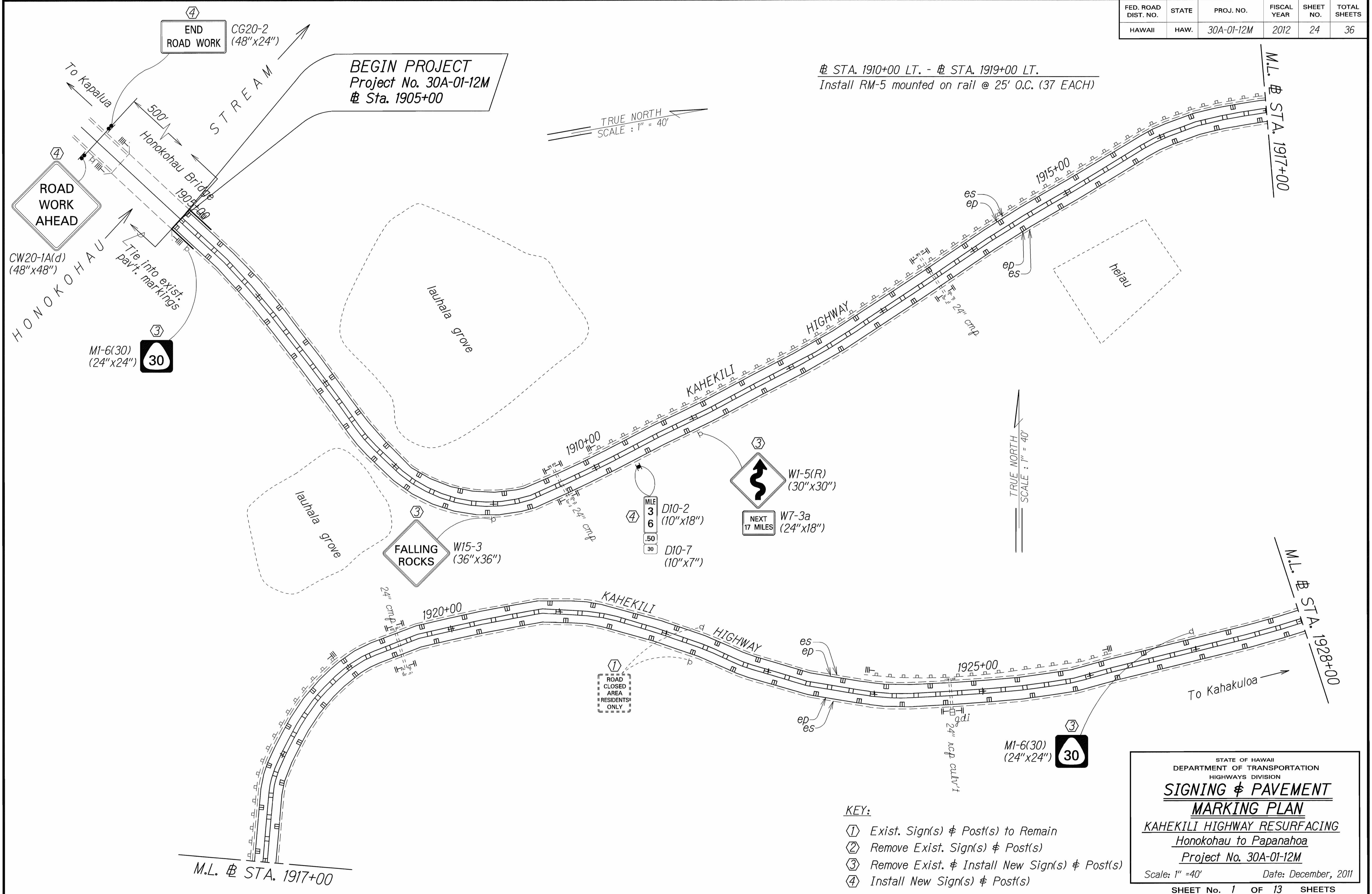


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	24	36



TRUE NORTH
SCALE: 1" = 40'

TRUE NORTH
SCALE: 1" = 40'

⊕ STA. 1910+00 LT. - ⊕ STA. 1919+00 LT.
Install RM-5 mounted on rail @ 25' O.C. (37 EACH)

BEGIN PROJECT
Project No. 30A-01-12M
⊕ Sta. 1905+00

END ROAD WORK
CG20-2
(48"x24")

ROAD WORK AHEAD
CW20-1A(d)
(48"x48")

FALLING ROCKS
W15-3
(36"x36")

W1-5(R)
(30"x30")

NEXT 17 MILES
W7-3a
(24"x18")

MILE 3 6
D10-2
(10"x18")

D10-7
(10"x7")

M1-6(30)
(24"x24")

30

ROAD CLOSED AREA
RESIDENTS ONLY

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

SIGNING & PAVEMENT MARKING PLAN

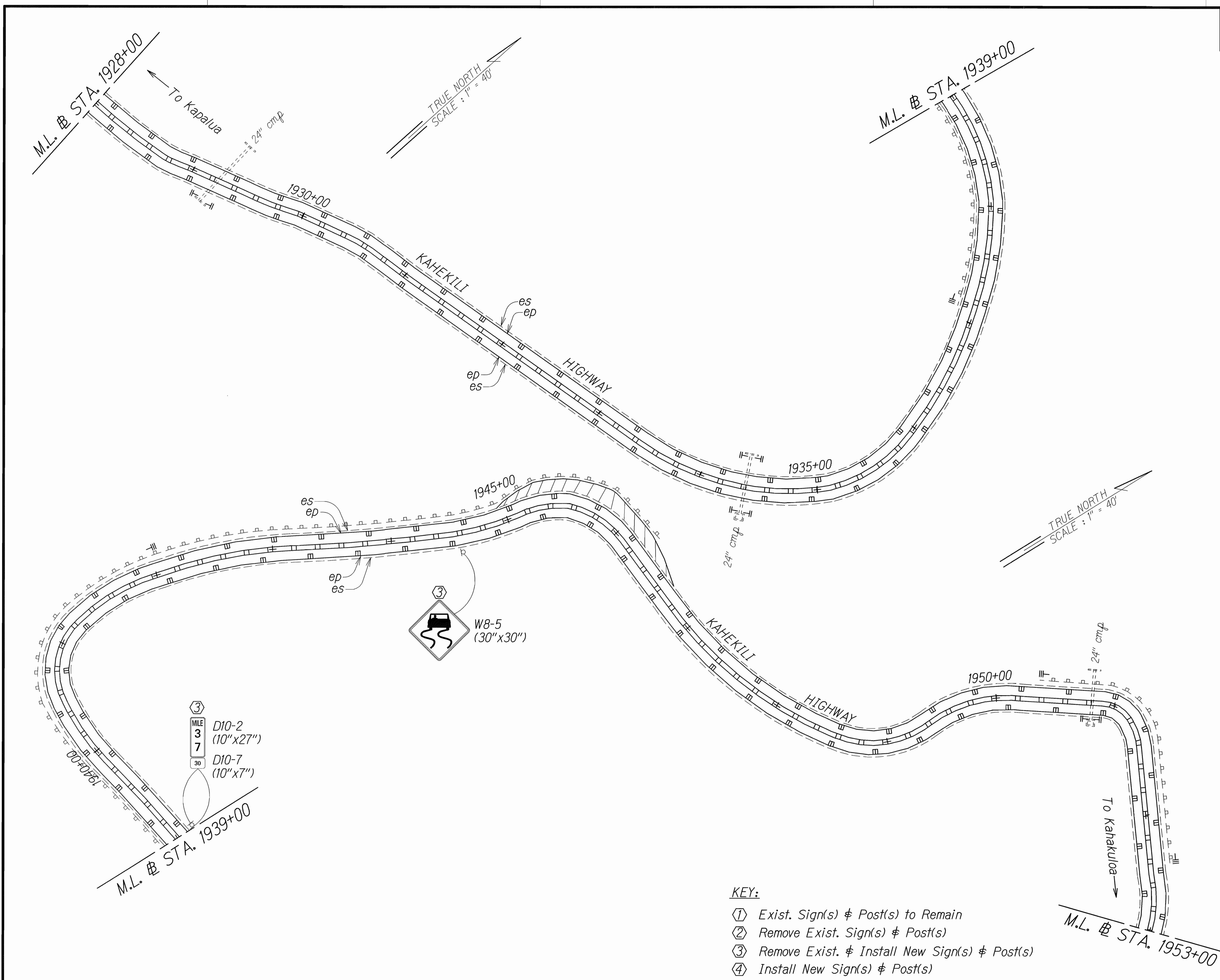
KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

SHEET No. 1 OF 13 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	25	36



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

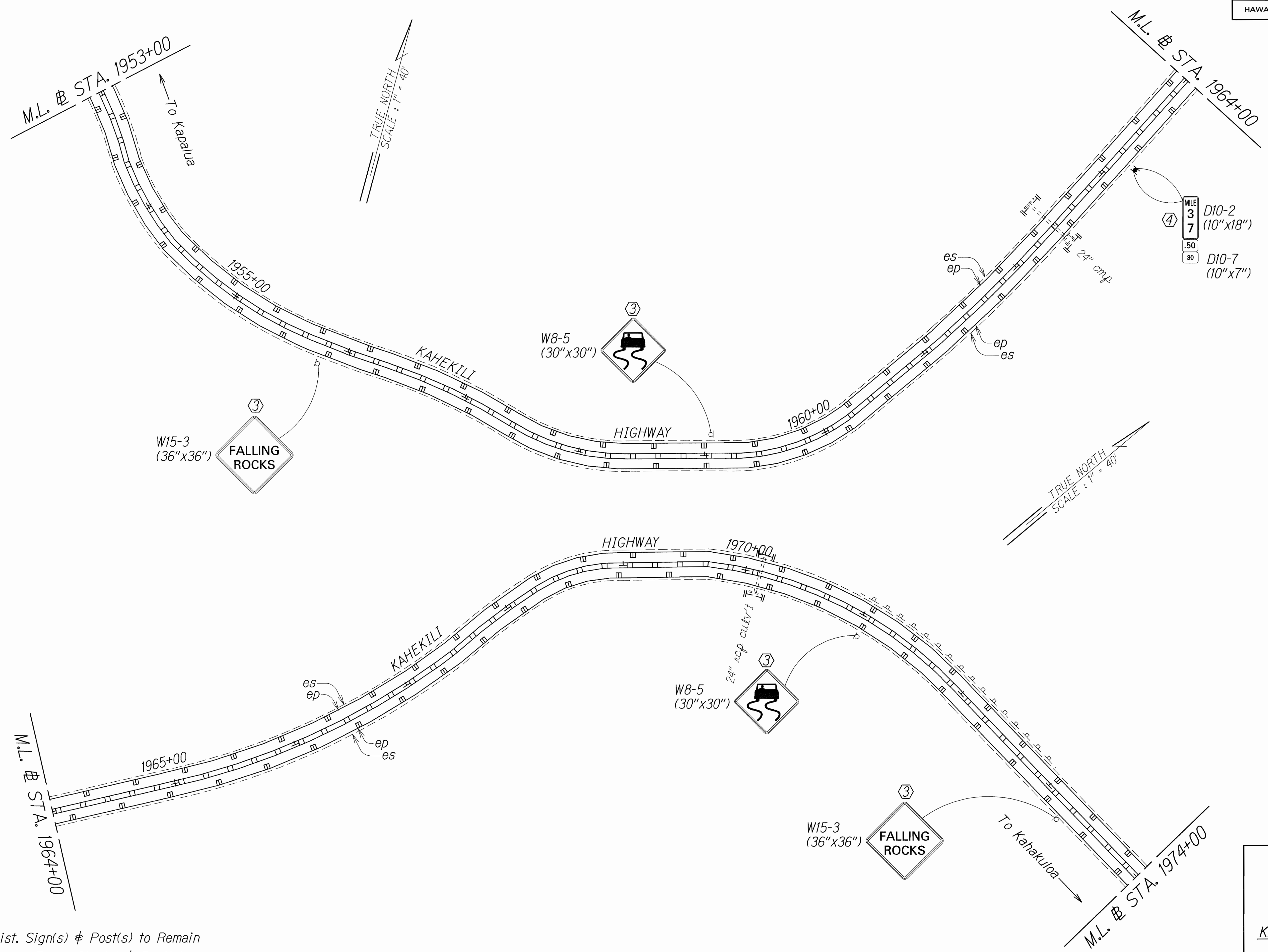
③
 MILE
 3
 7
 30
 D10-2
 (10"x27")
 D10-7
 (10"x7")

③
 W8-5
 (30"x30")

- 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
SIGNING & PAVEMENT
MARKING PLAN
 KAHEKILI HIGHWAY RESURFACING
 Honokohau to Papanahoa
 Project No. 30A-01-12M
 Scale: 1" = 40' Date: December, 2011
 SHEET No. 2 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	26	36



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

- 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

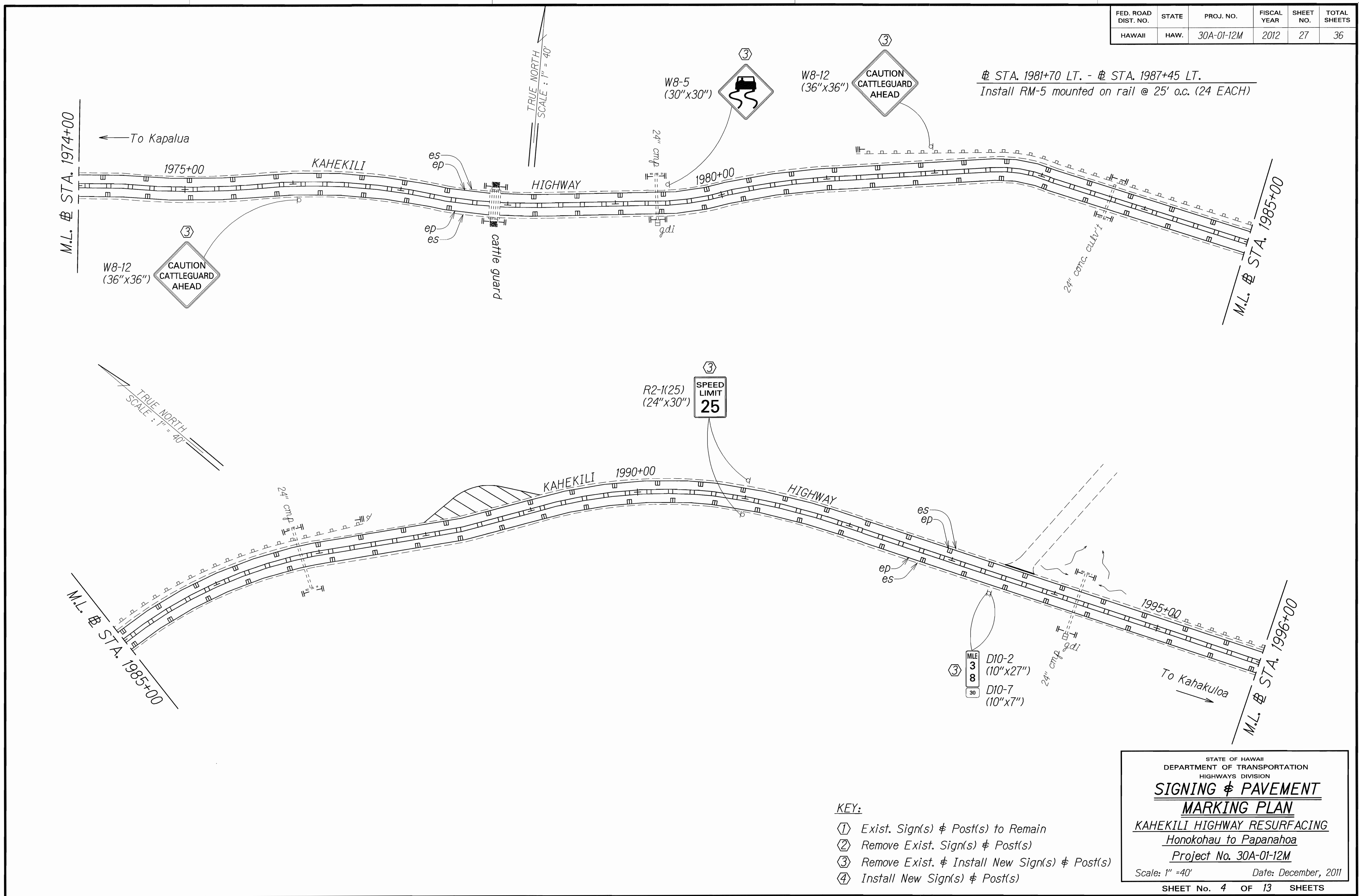
**SIGNING & PAVEMENT
MARKING PLAN**

KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

SHEET No. 3 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	27	36



⊕ STA. 1981+70 LT. - ⊕ STA. 1987+45 LT.
Install RM-5 mounted on rail @ 25' o.c. (24 EACH)

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

- 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

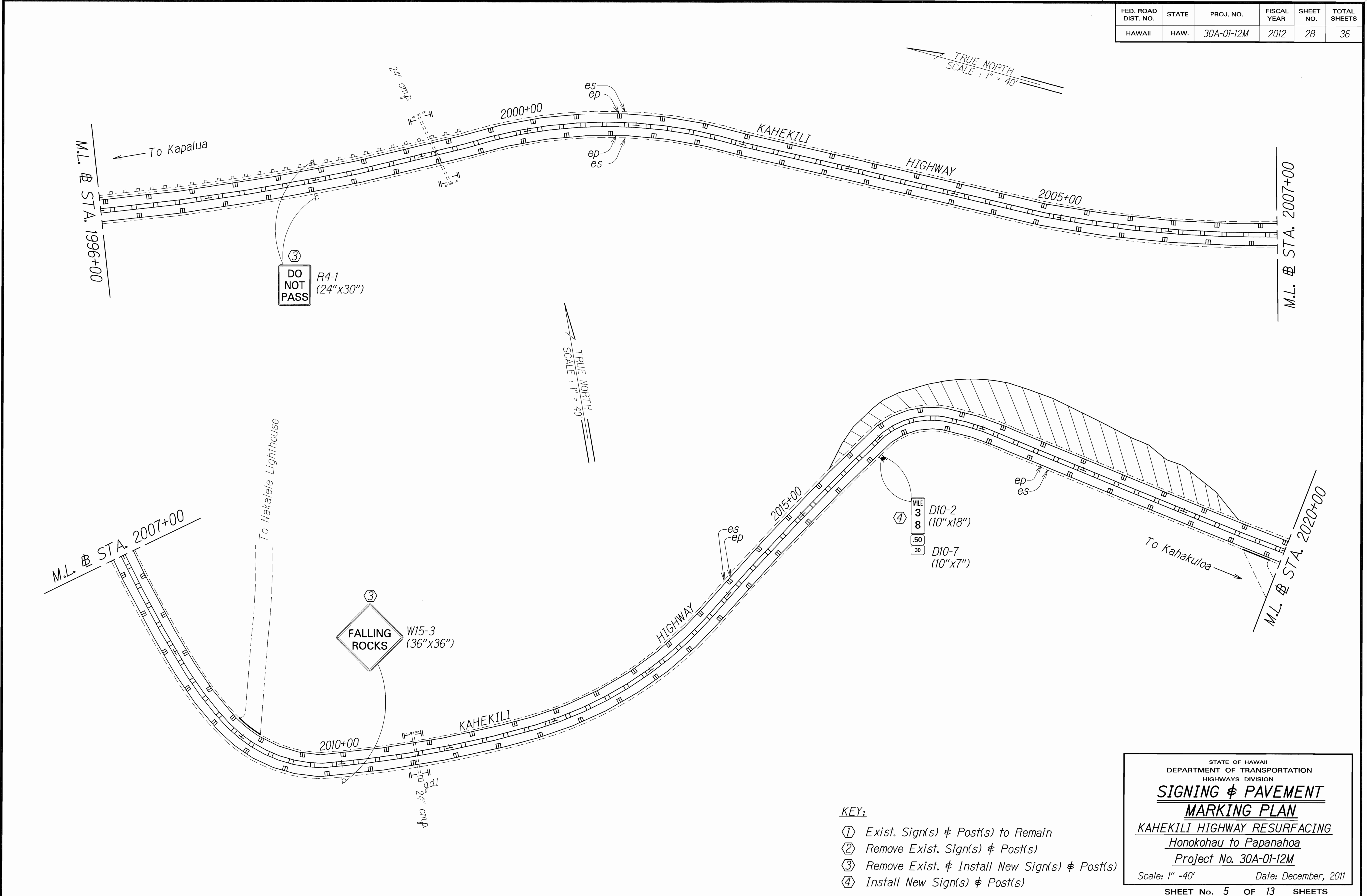
**SIGNING & PAVEMENT
MARKING PLAN**

KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

SHEET No. 4 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	28	36



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

- 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

**SIGNING & PAVEMENT
MARKING PLAN**

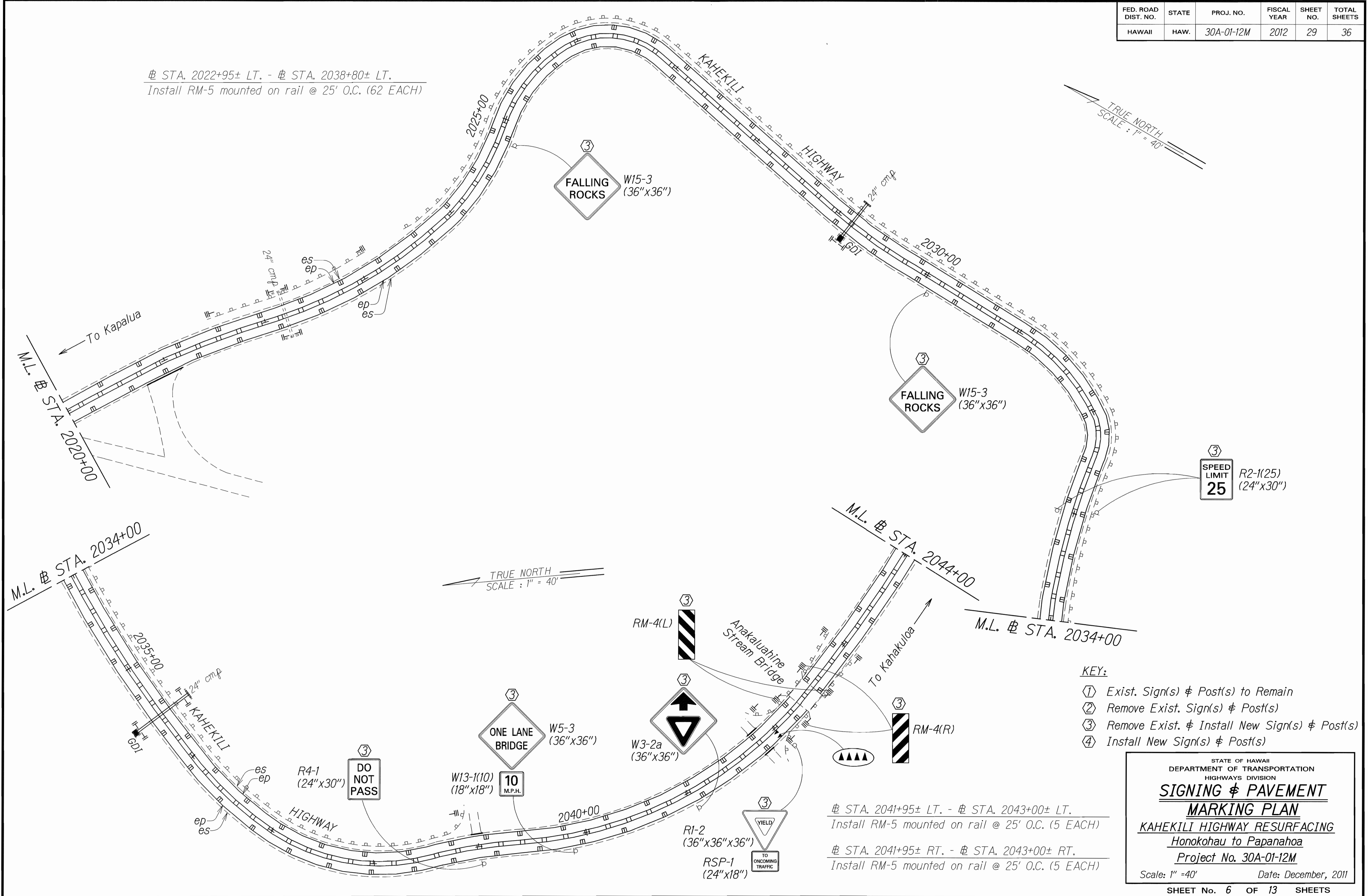
KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

SHEET No. 5 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	29	36

± STA. 2022+95± LT. - ± STA. 2038+80± LT.
Install RM-5 mounted on rail @ 25' O.C. (62 EACH)



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

**SIGNING & PAVEMENT
MARKING PLAN**

KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

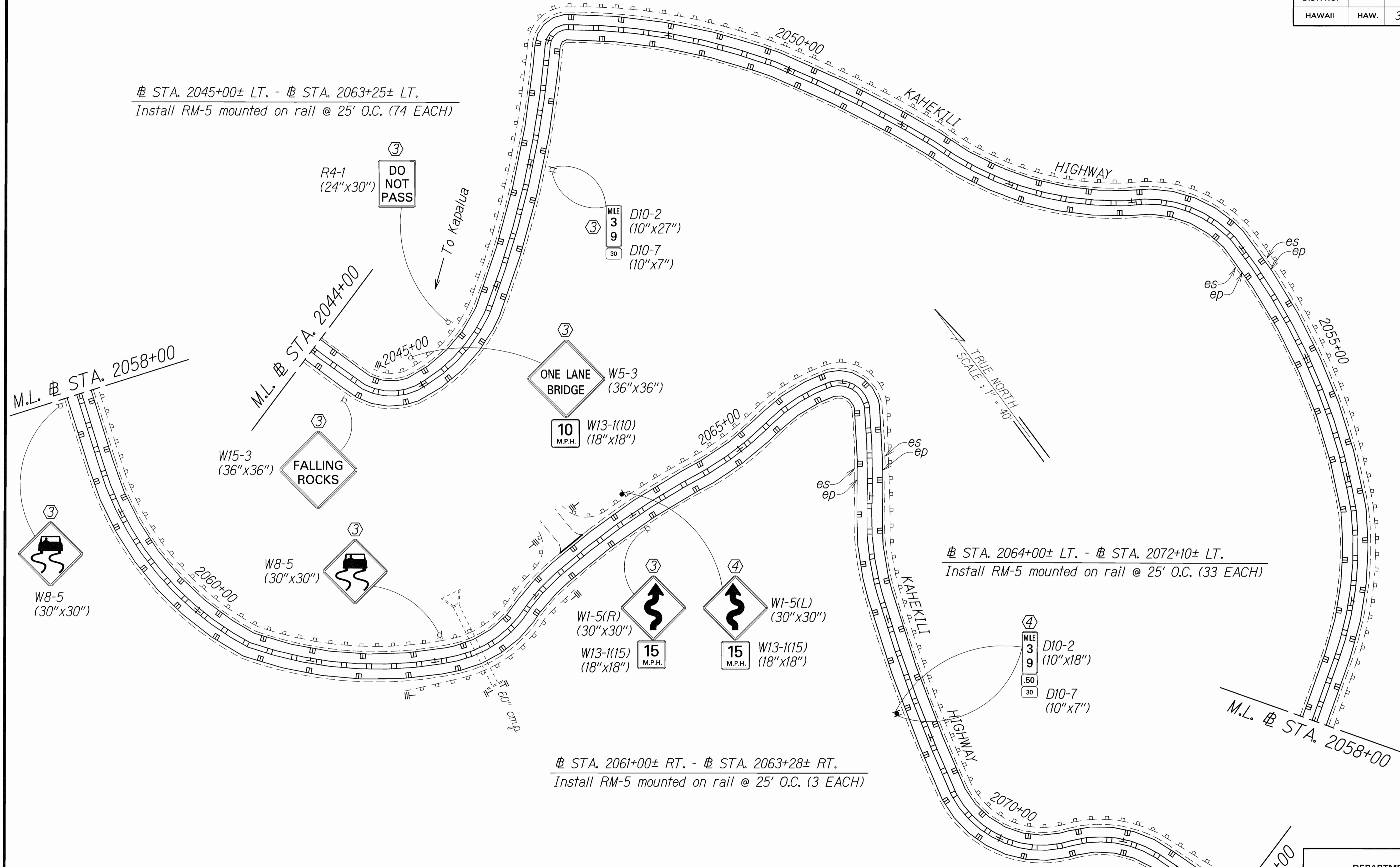
SHEET No. 6 OF 13 SHEETS

± STA. 2041+95± LT. - ± STA. 2043+00± LT.
Install RM-5 mounted on rail @ 25' O.C. (5 EACH)

± STA. 2041+95± RT. - ± STA. 2043+00± RT.
Install RM-5 mounted on rail @ 25' O.C. (5 EACH)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	30	36

± STA. 2045+00± LT. - ± STA. 2063+25± LT.
Install RM-5 mounted on rail @ 25' O.C. (74 EACH)



± STA. 2064+00± LT. - ± STA. 2072+10± LT.
Install RM-5 mounted on rail @ 25' O.C. (33 EACH)

± STA. 2061+00± RT. - ± STA. 2063+28± RT.
Install RM-5 mounted on rail @ 25' O.C. (3 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)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

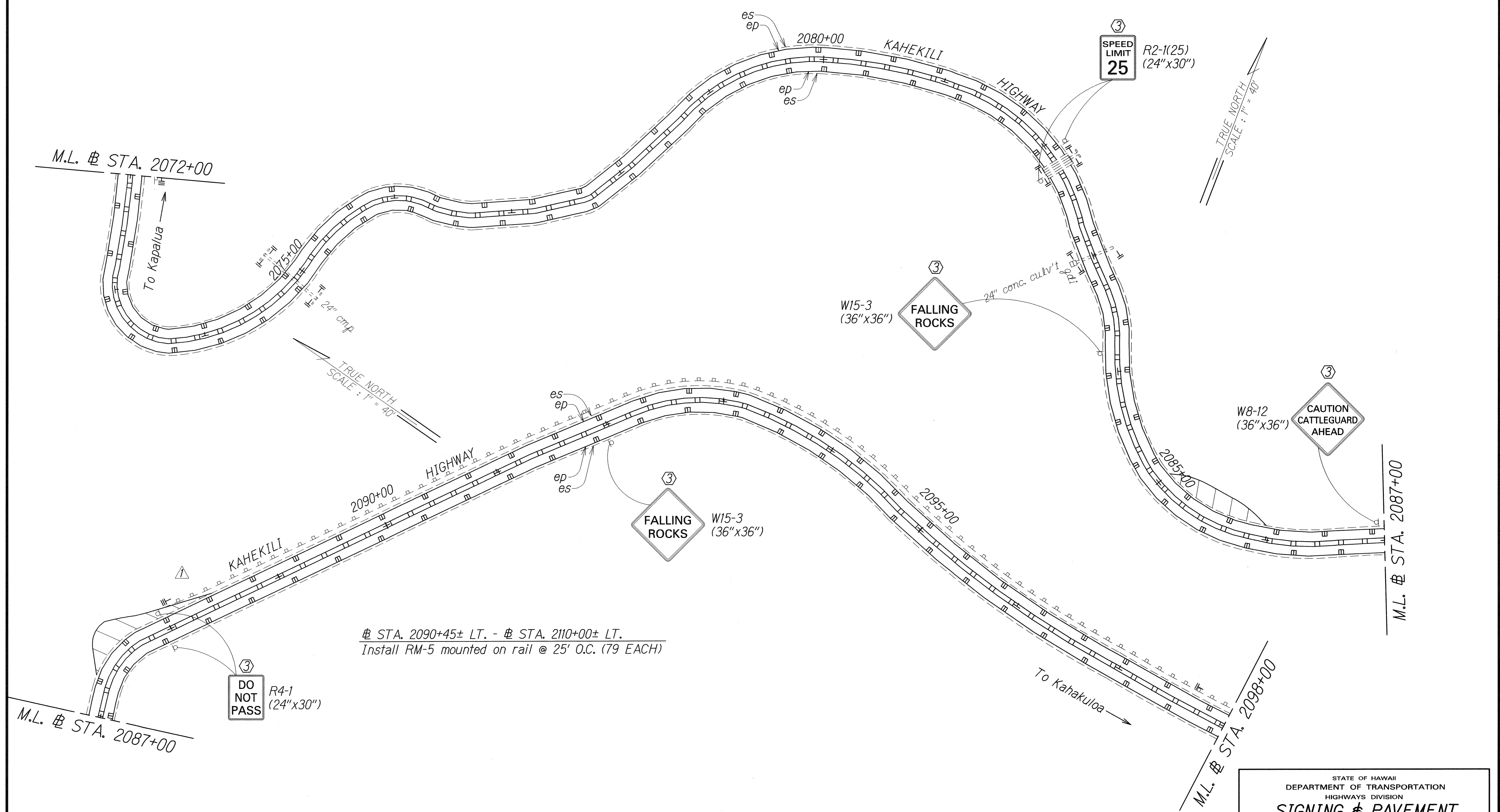
**SIGNING & PAVEMENT
MARKING PLAN**

KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

SHEET No. 7 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	ADD.31	36



⊕ STA. 2090+45± LT. - ⊕ STA. 2110+00± LT.
Install RM-5 mounted on rail @ 25' O.C. (79 EACH)

DATE	.....
SURVEY PLOTTED BY	.....
DRAWN BY	.....
TRACED BY	.....
DESIGNED BY	.....
CHECKED BY	.....
NO. OF SHEETS	.....
CHECKED BY	.....

6-14-12	Change guardrail symbol from new to existing.
DATE	REVISION

- 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

**SIGNING & PAVEMENT
MARKING PLAN**

KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

SHEET No. 8 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	ADD.32	36



D10-2 (10"x27")
D10-7 (10"x7")

D10-2 (10"x18")
D10-7 (10"x7")

± STA. 2119+50± LT. - ± STA. 2121+50± LT.
Install RM-5 mounted on rail @ 25' O.C. (9 EACH)

± STA. 2105+75± RT. - ± STA. 2107+75± RT.
Install RM-5 mounted on rail @ 25' O.C. (9 EACH)

6-14-12 Change guardrail symbol from new to existing.

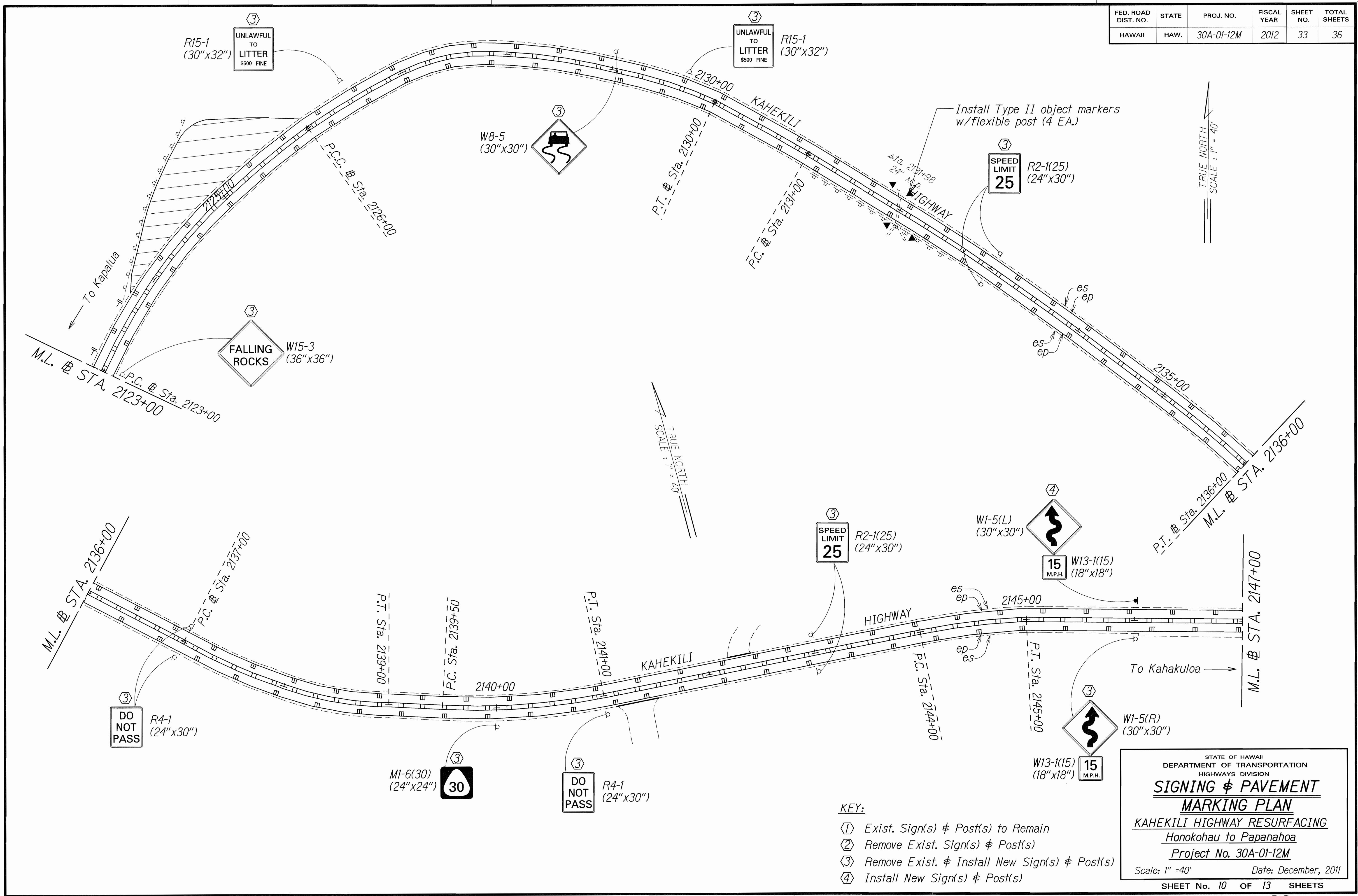
DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGNING & PAVEMENT MARKING PLAN
KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M
Scale: 1" = 40' Date: December, 2011
SHEET No. 9 OF 13 SHEETS

- 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)

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	33	36



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

- 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

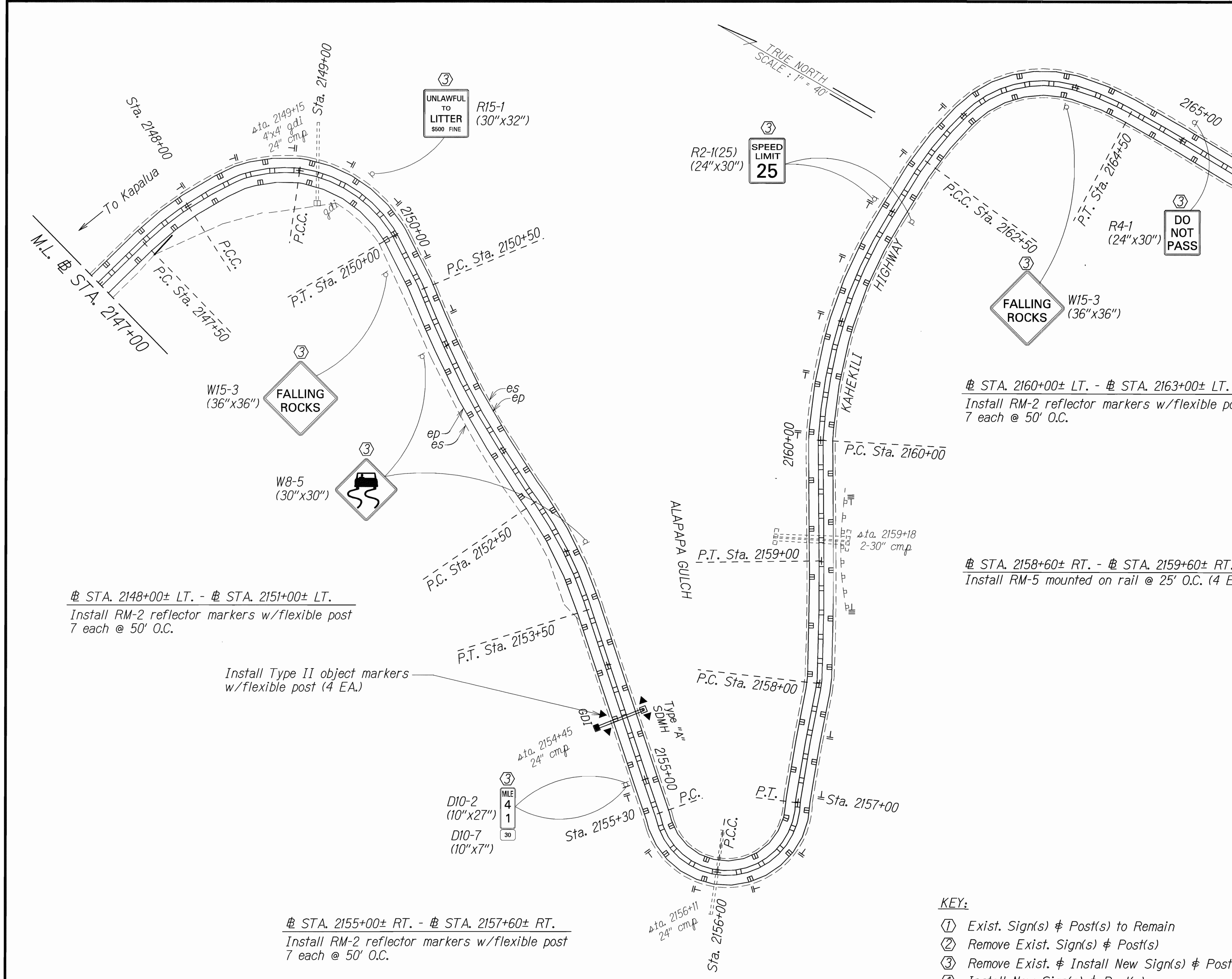
**SIGNING & PAVEMENT
MARKING PLAN**

KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

SHEET No. 10 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	34	36



⊕ STA. 2148+00± LT. - ⊕ STA. 2151+00± LT.
Install RM-2 reflector markers w/flexible post
7 each @ 50' O.C.

Install Type II object markers
w/flexible post (4 EA.)

⊕ STA. 2160+00± LT. - ⊕ STA. 2163+00± LT.
Install RM-2 reflector markers w/flexible post
7 each @ 50' O.C.

⊕ STA. 2158+60± RT. - ⊕ STA. 2159+60± RT.
Install RM-5 mounted on rail @ 25' O.C. (4 EACH)

⊕ STA. 2155+00± RT. - ⊕ STA. 2157+60± RT.
Install RM-2 reflector markers w/flexible post
7 each @ 50' O.C.

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

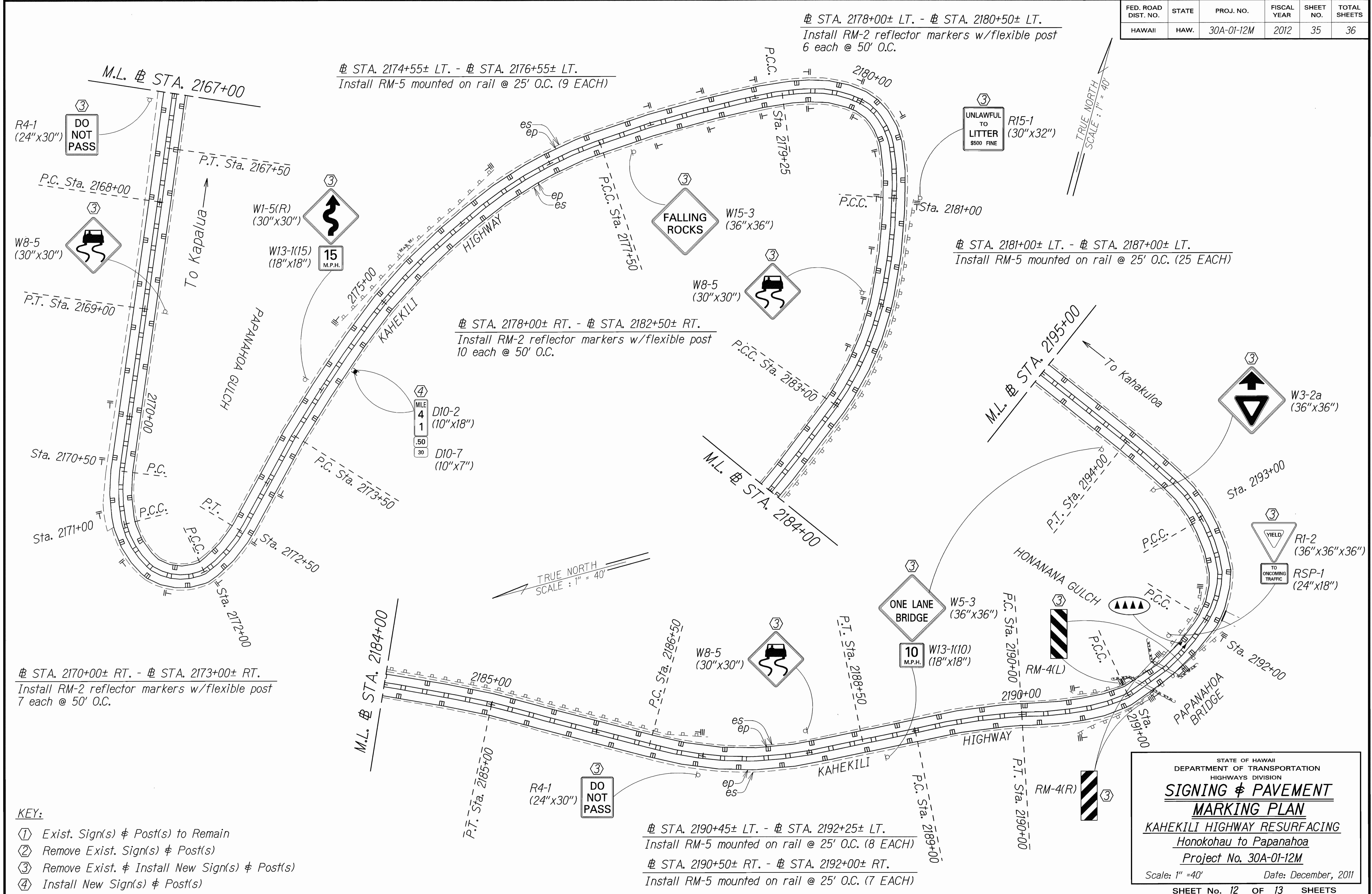
**SIGNING & PAVEMENT
MARKING PLAN**

KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

SHEET No. 11 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	35	36



⊕ STA. 2178+00± LT. - ⊕ STA. 2180+50± LT.
Install RM-2 reflector markers w/flexible post 6 each @ 50' O.C.

⊕ STA. 2174+55± LT. - ⊕ STA. 2176+55± LT.
Install RM-5 mounted on rail @ 25' O.C. (9 EACH)

⊕ STA. 2181+00± LT. - ⊕ STA. 2187+00± LT.
Install RM-5 mounted on rail @ 25' O.C. (25 EACH)

⊕ STA. 2178+00± RT. - ⊕ STA. 2182+50± RT.
Install RM-2 reflector markers w/flexible post 10 each @ 50' O.C.

⊕ STA. 2170+00± RT. - ⊕ STA. 2173+00± RT.
Install RM-2 reflector markers w/flexible post 7 each @ 50' O.C.

⊕ STA. 2190+45± LT. - ⊕ STA. 2192+25± LT.
Install RM-5 mounted on rail @ 25' O.C. (8 EACH)

⊕ STA. 2190+50± RT. - ⊕ STA. 2192+00± RT.
Install RM-5 mounted on rail @ 25' O.C. (7 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)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

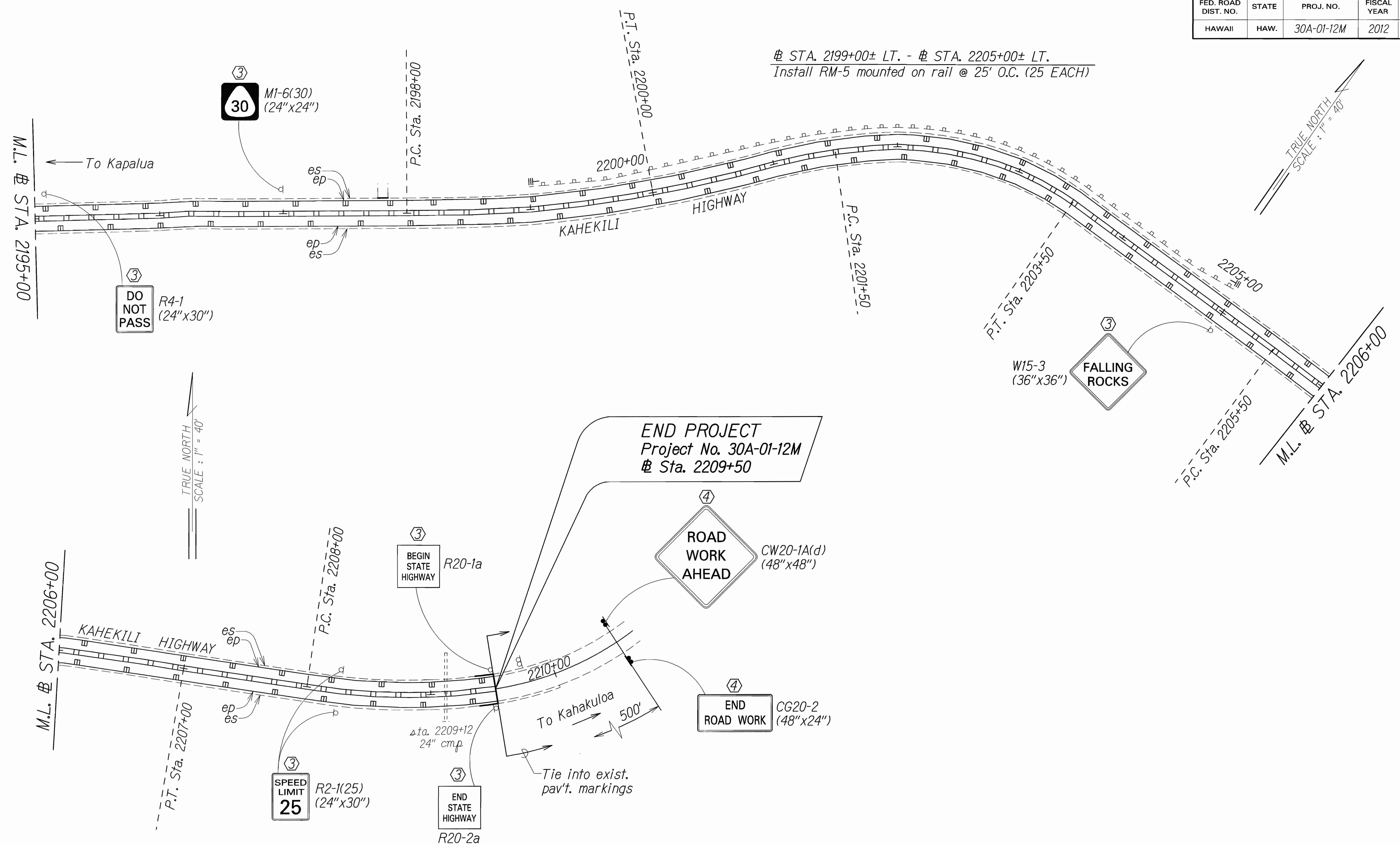
**SIGNING & PAVEMENT
MARKING PLAN**

KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

SHEET No. 12 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-12M	2012	36	36



± STA. 2199+00± LT. - ± STA. 2205+00± LT.
Install RM-5 mounted on rail @ 25' O.C. (25 EACH)

END PROJECT
Project No. 30A-01-12M
± Sta. 2209+50

- 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

**SIGNING & PAVEMENT
MARKING PLAN**

KAHEKILI HIGHWAY RESURFACING
Honokohau to Papanahoa
Project No. 30A-01-12M

Scale: 1" = 40' Date: December, 2011

SHEET No. 13 OF 13 SHEETS

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