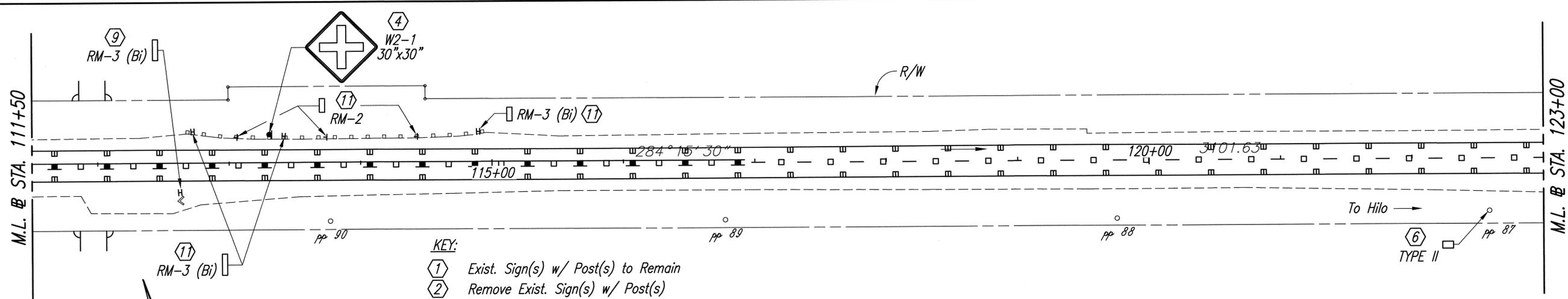
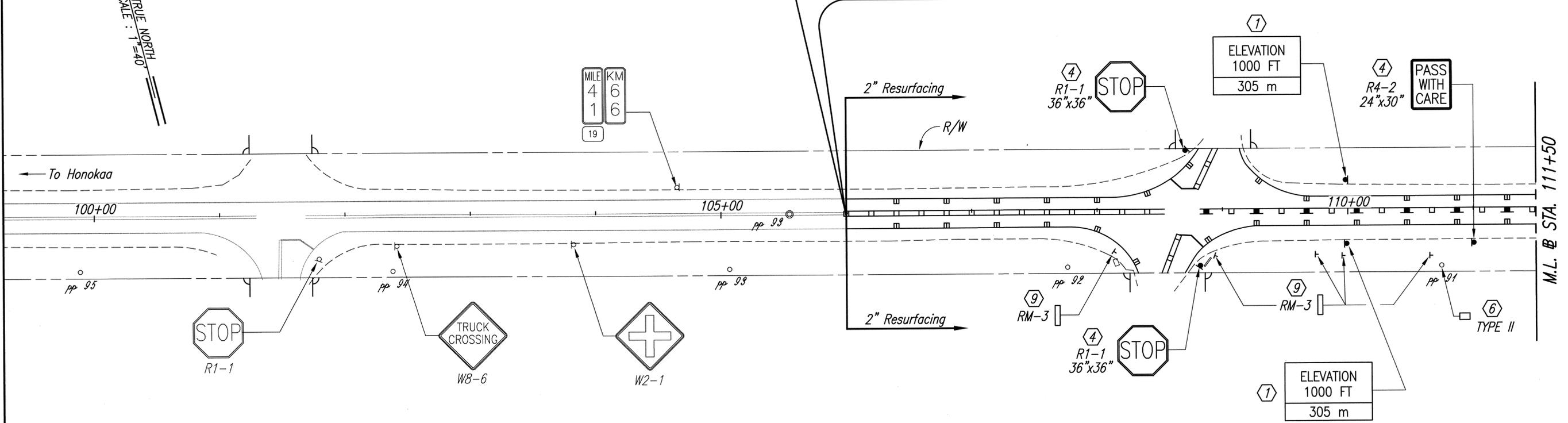


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	34	55

BEGIN PROJECT
No. 19G-01-99M
@ Sta. 106+00

TRUE NORTH
SCALE: 1"=40'



- KEY:
- 1 Exist. Sign(s) w/ Post(s) to Remain
 - 2 Remove Exist. Sign(s) w/ Post(s)
 - 3 Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole
 - 4 Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - 5 Install New Sign(s) w/ Post(s)
 - 6 Remove Exist. Sign(s)/Marker(s) & Install New Sign(s)/Marker(s)
 - 7 Install New Sign(s)/Marker(s)
 - 8 Remove Exist. Sign(s) & Reinstall
 - 9 Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s)
 - 10 Install New Marker(s) w/ Flex Post(s)
 - 11 Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s)
 - 12 Install New Marker(s) w/ Steel Post(s)

ORIGINAL PLAN
NOTE BOOK
No.

SURVEY PLOTTED BY _____ DATE _____
DRAWN BY _____
DESIGNED BY _____
CHECKED BY _____

TRUE NORTH
SCALE: 1"=40'

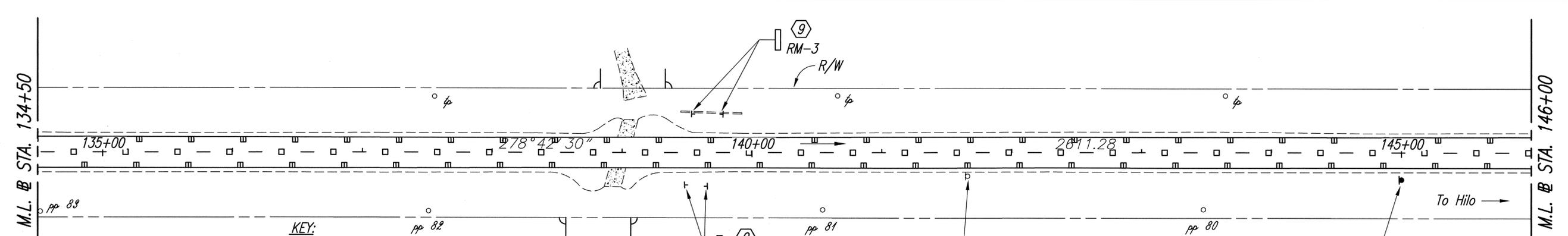
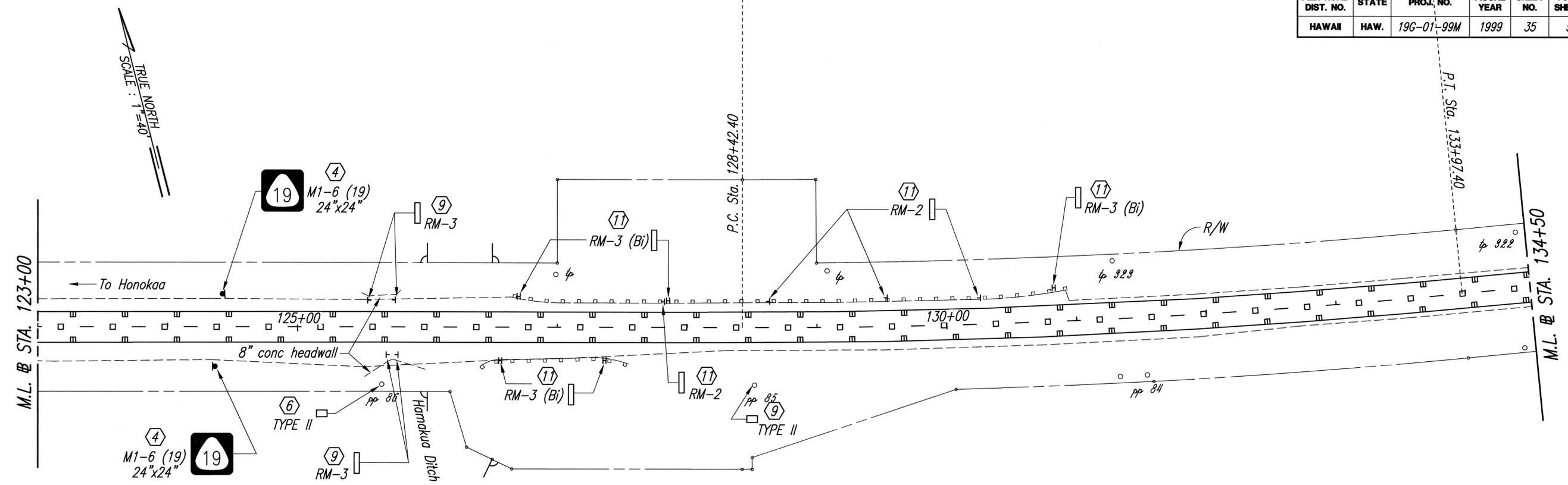


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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT
MARKING PLAN
HAWAII BELT ROAD RESURFACING
Vicinity of Kahawaiilili Bridge to East Paouilo Bridge
Project No. 19G-01-99M
Scale: As Shown Date: May, 1999
SHEET No. 1 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	35	55



- KEY:**
- ① Exist. Sign(s) w/ Post(s) to Remain
 - ② Remove Exist. Sign(s) w/ Post(s)
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) w/ Post(s)
 - ⑥ Remove Exist. Sign(s)/Marker(s) & Install New Sign(s)/Marker(s)
 - ⑦ Install New Sign(s)/Marker(s)
 - ⑧ Remove Exist. Sign(s) & Reinstall
 - ⑨ Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s)
 - ⑩ Install New Marker(s) w/ Flex Post(s)
 - ⑪ Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s)
 - ⑫ Install New Marker(s) w/ Steel Post(s)

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



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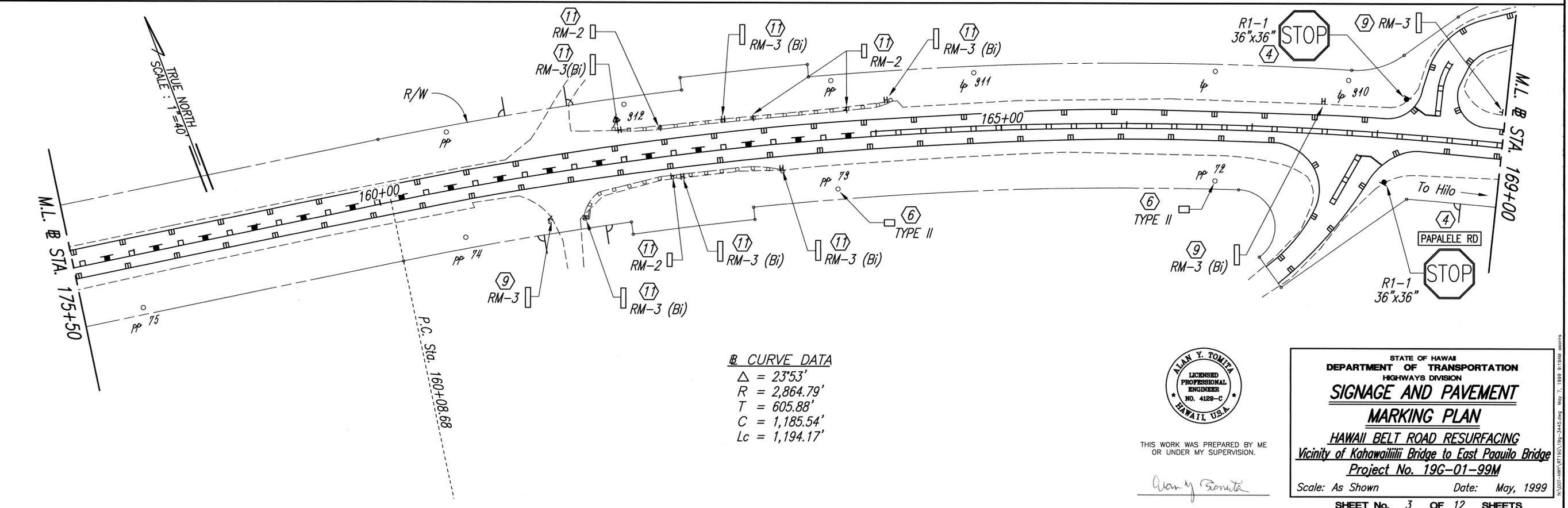
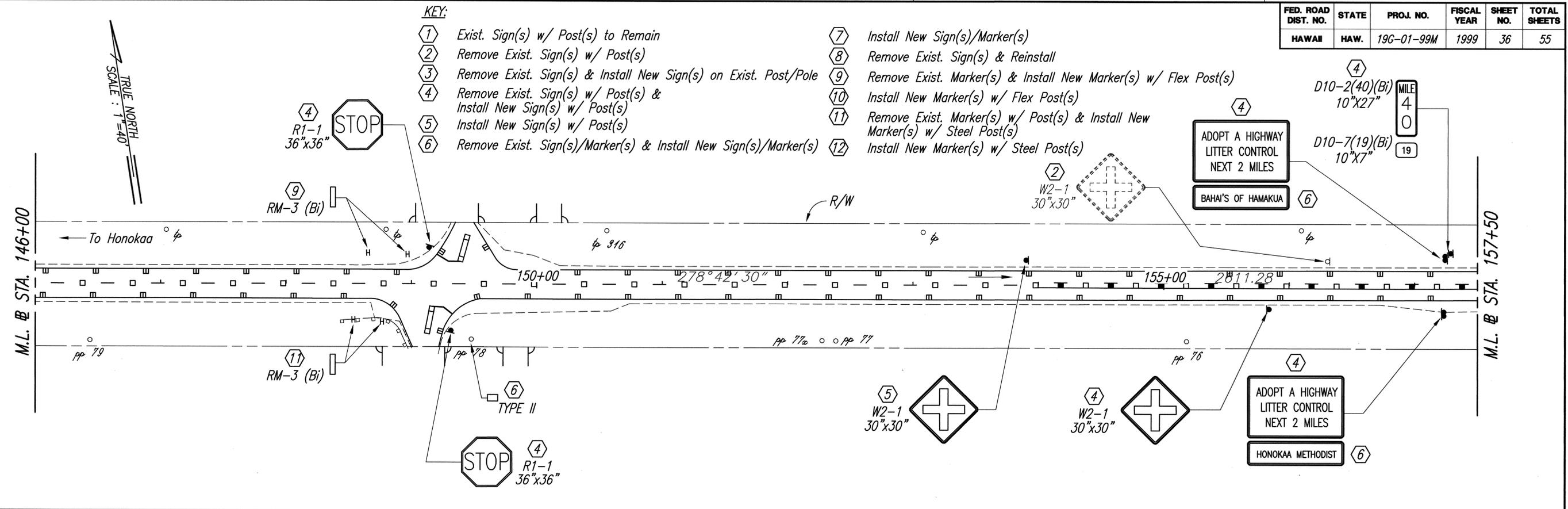
Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT
MARKING PLAN
HAWAII BELT ROAD RESURFACING
Vicinity of Kahawaiilili Bridge to East Paouilo Bridge
Project No. 19G-01-99M
Scale: As Shown Date: May, 1999
SHEET No. 2 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	36	55

KEY:

- | | |
|---|---|
| ① Exist. Sign(s) w/ Post(s) to Remain | ⑦ Install New Sign(s)/Marker(s) |
| ② Remove Exist. Sign(s) w/ Post(s) | ⑧ Remove Exist. Sign(s) & Reinstall |
| ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole | ⑨ Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s) |
| ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s) | ⑩ Install New Marker(s) w/ Flex Post(s) |
| ⑤ Install New Sign(s) w/ Post(s) | ⑪ Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s) |
| ⑥ Remove Exist. Sign(s)/Marker(s) & Install New Sign(s)/Marker(s) | ⑫ Install New Marker(s) w/ Steel Post(s) |



② CURVE DATA

- $\Delta = 23^{\circ}53'$
- $R = 2,864.79'$
- $T = 605.88'$
- $C = 1,185.54'$
- $Lc = 1,194.17'$

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



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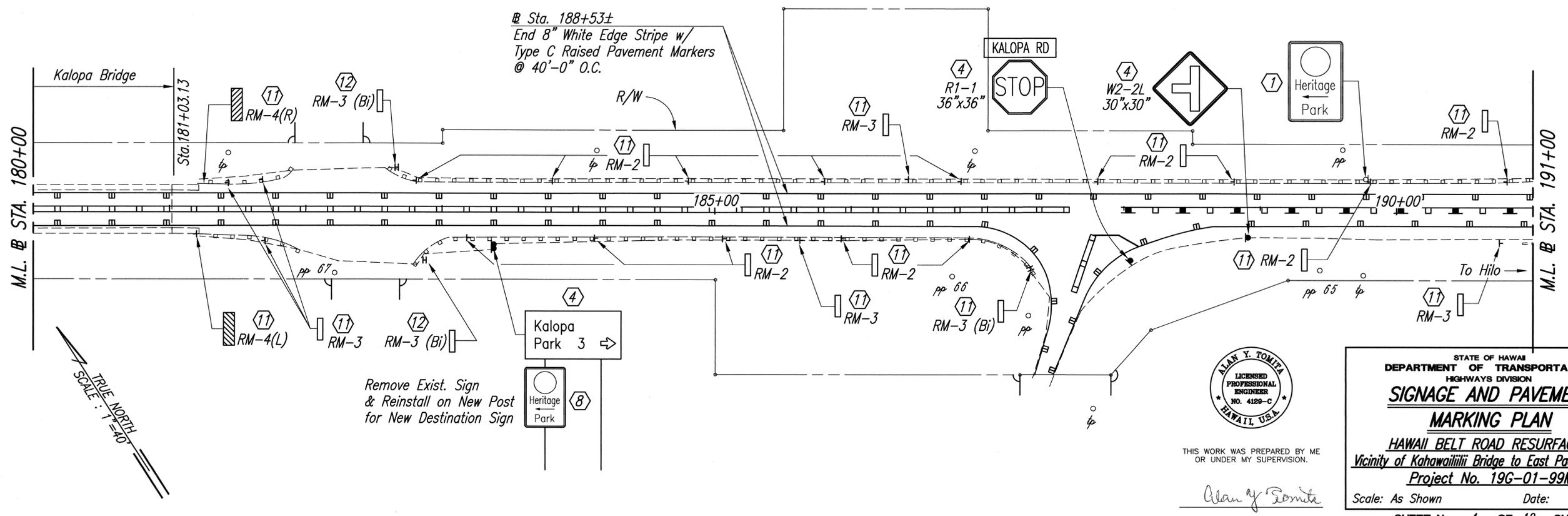
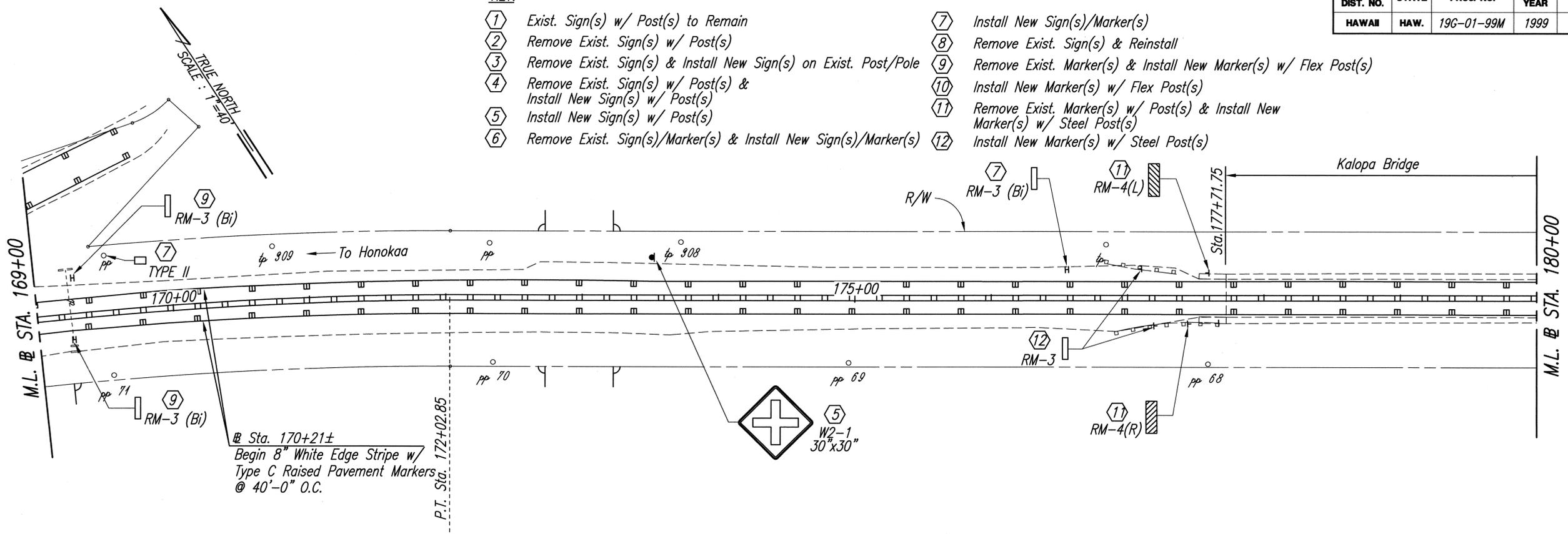
Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT
MARKING PLAN
HAWAII BELT ROAD RESURFACING
Vicinity of Kahawailili Bridge to East Paouilo Bridge
Project No. 19G-01-99M
Scale: As Shown Date: May, 1999
SHEET No. 3 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	37	55

KEY:

- ① Exist. Sign(s) w/ Post(s) to Remain
- ② Remove Exist. Sign(s) w/ Post(s)
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) w/ Post(s)
- ⑥ Remove Exist. Sign(s)/Marker(s) & Install New Sign(s)/Marker(s)
- ⑦ Install New Sign(s)/Marker(s)
- ⑧ Remove Exist. Sign(s) & Reinstall
- ⑨ Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s)
- ⑩ Install New Marker(s) w/ Flex Post(s)
- ⑪ Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s)
- ⑫ Install New Marker(s) w/ Steel Post(s)



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

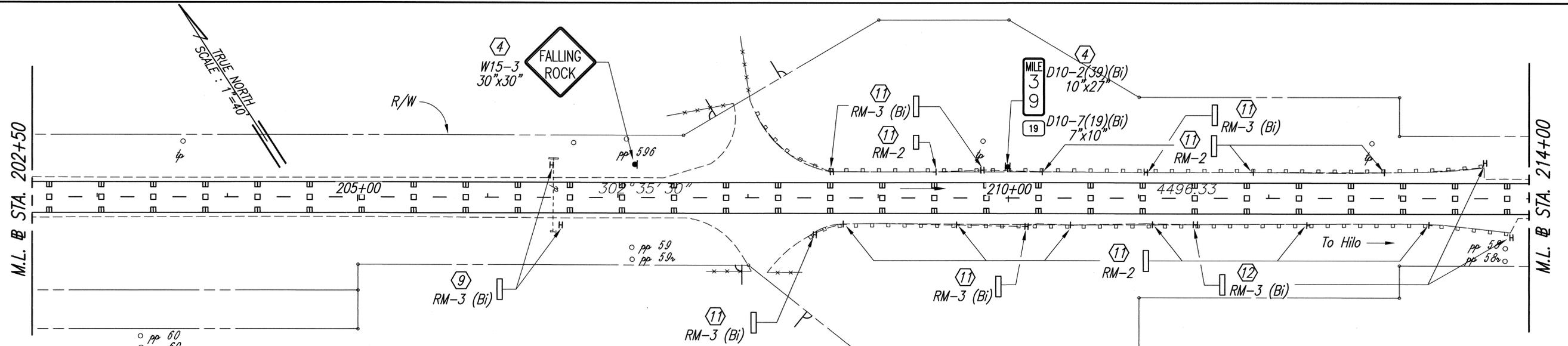
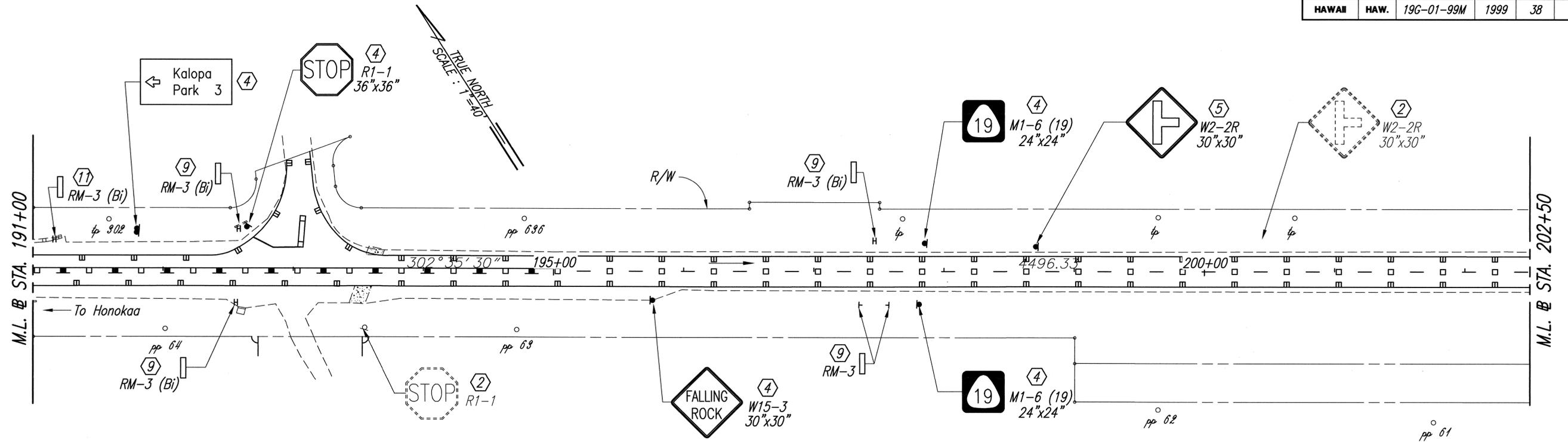


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Alan Y. Tomita

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT MARKING PLAN
 HAWAII BELT ROAD RESURFACING
 Vicinity of Kahawaiili Bridge to East Paauilo Bridge
 Project No. 19G-01-99M
 Scale: As Shown Date: May, 1999
 SHEET No. 4 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	38	55



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

- KEY:**
- ① Exist. Sign(s) w/ Post(s) to Remain
 - ② Remove Exist. Sign(s) w/ Post(s)
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) w/ Post(s)
 - ⑥ Remove Exist. Sign(s)/Markers & Install New Sign(s)/Marker(s)
 - ⑦ Install New Sign(s)/Marker(s)
 - ⑧ Remove Exist. Sign(s) & Reinstall
 - ⑨ Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s)
 - ⑩ Install New Marker(s) w/ Flex Post(s)
 - ⑪ Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s)
 - ⑫ Install New Marker(s) w/ Steel Post(s)

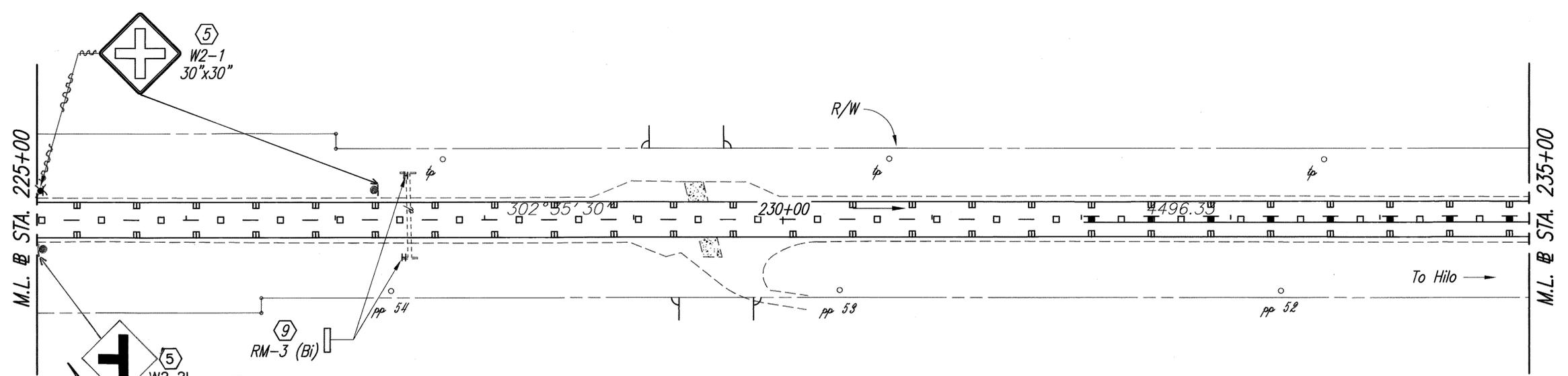
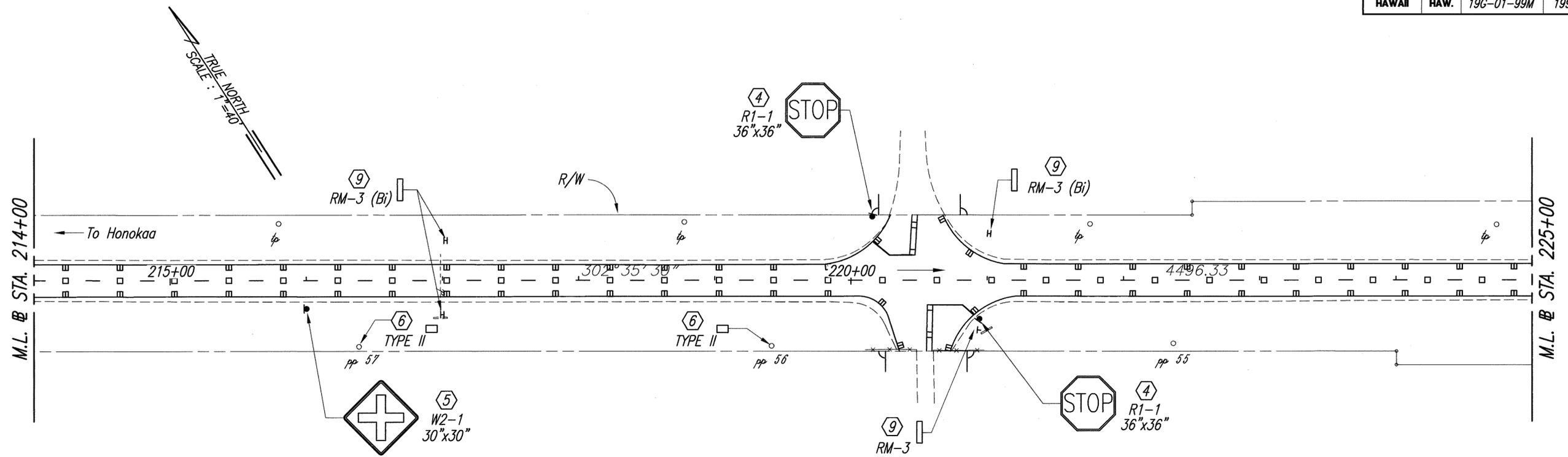


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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT
MARKING PLAN
HAWAII BELT ROAD RESURFACING
Vicinity of Kahawaiilili Bridge to East Paouilo Bridge
Project No. 19G-01-99M
Scale: As Shown Date: May, 1999
SHEET No. 5 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	39	55



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

- KEY:**
- ① Exist. Sign(s) w/ Post(s) to Remain
 - ② Remove Exist. Sign(s) w/ Post(s)
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) w/ Post(s)
 - ⑥ Remove Exist. Sign(s)/Marker(s) & Install New Sign(s)/Marker(s)
 - ⑦ Install New Sign(s)/Marker(s)
 - ⑧ Remove Exist. Sign(s) & Reinstall
 - ⑨ Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s)
 - ⑩ Install New Marker(s) w/ Flex Post(s)
 - ⑪ Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s)
 - ⑫ Install New Marker(s) w/ Steel Post(s)



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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT
MARKING PLAN
HAWAII BELT ROAD RESURFACING
Vicinity of Kahawailiili Bridge to East Paauilo Bridge
Project No. 19G-01-99M
Scale: As Shown Date: May, 1999
SHEET No. 6 OF 12 SHEETS

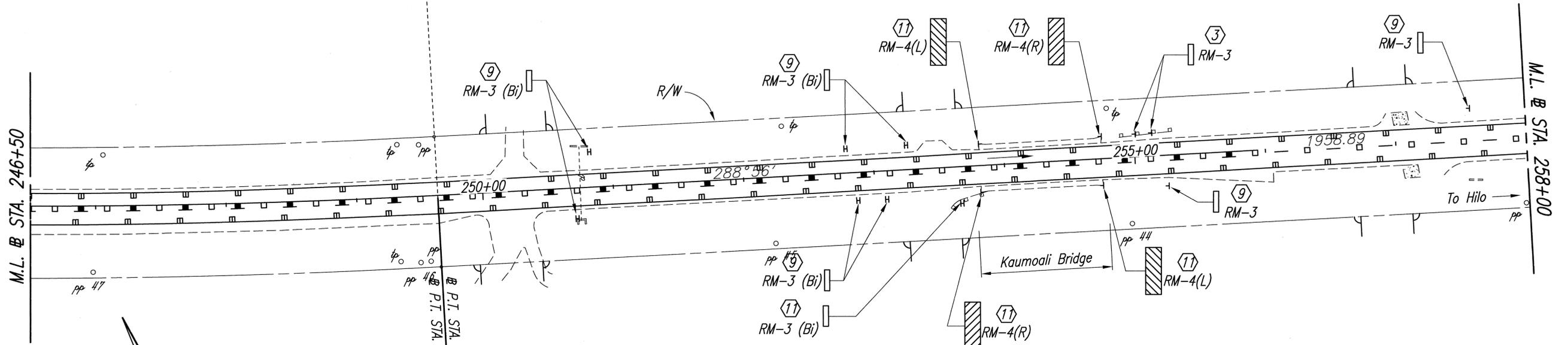
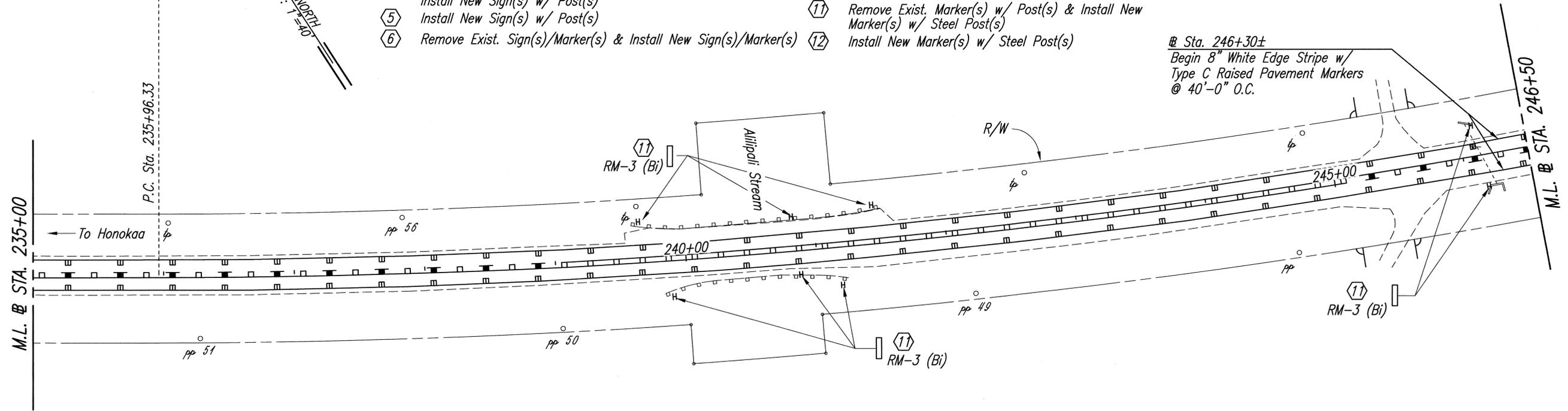
"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	40	55

KEY:

- | | |
|---|---|
| ① Exist. Sign(s) w/ Post(s) to Remain | ⑦ Install New Sign(s)/Marker(s) |
| ② Remove Exist. Sign(s) w/ Post(s) | ⑧ Remove Exist. Sign(s) & Reinstall |
| ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole | ⑨ Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s) |
| ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s) | ⑩ Install New Marker(s) w/ Flex Post(s) |
| ⑤ Install New Sign(s) w/ Post(s) | ⑪ Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s) |
| ⑥ Remove Exist. Sign(s)/Marker(s) & Install New Sign(s)/Marker(s) | ⑫ Install New Marker(s) w/ Steel Post(s) |

TRUE NORTH
SCALE: 1"=40'



TRUE NORTH
SCALE: 1"=40'

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

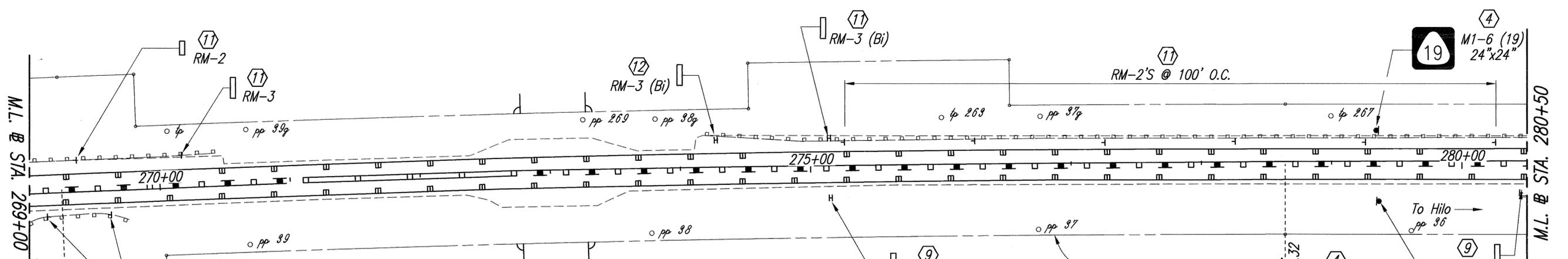
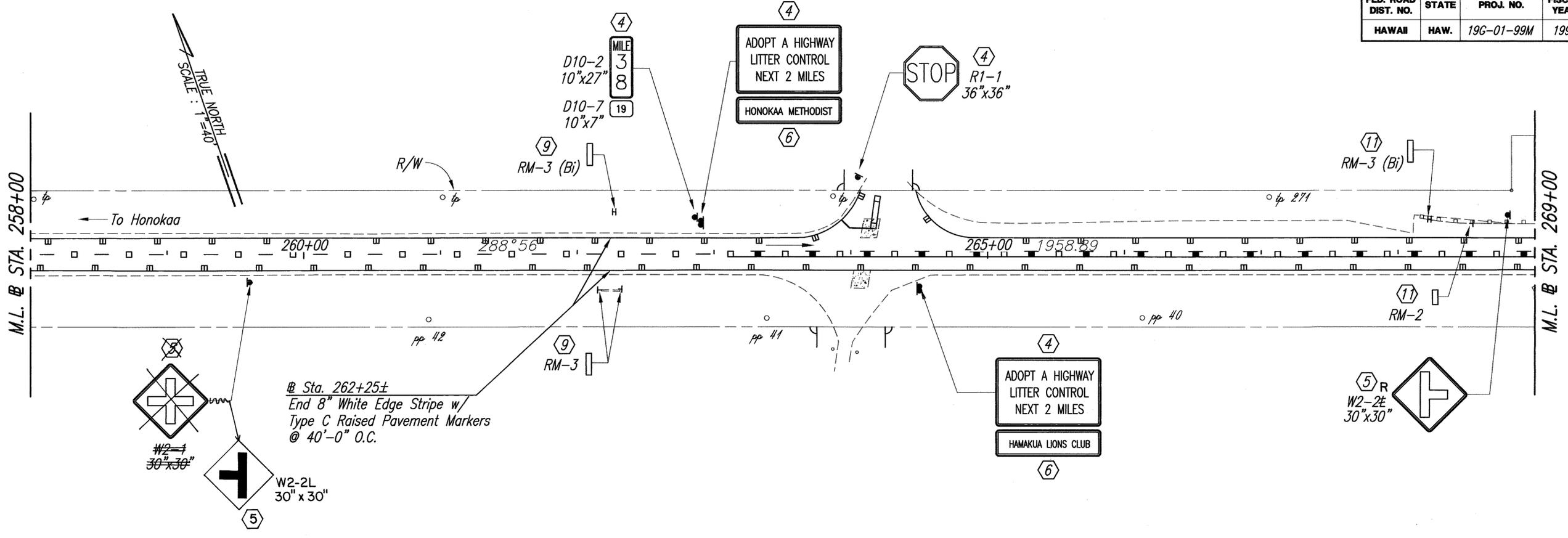


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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT MARKING PLAN
HAWAII BELT ROAD RESURFACING
Vicinity of Kahawaiilili Bridge to East Paauilo Bridge
Project No. 19G-01-99M
Scale: As Shown Date: May, 1999
SHEET No. 7 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	41	55



- KEY:**
- ① Exist. Sign(s) w/ Post(s) to Remain
 - ② Remove Exist. Sign(s) w/ Post(s)
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) w/ Post(s)
 - ⑥ Remove Exist. Sign(s)/Marker(s) & Install New Sign(s)/Marker(s)
 - ⑦ Install New Sign(s)/Marker(s)
 - ⑧ Remove Exist. Sign(s) & Reinstall
 - ⑨ Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s)
 - ⑩ Install New Marker(s) w/ Flex Post(s)
 - ⑪ Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s)
 - ⑫ Install New Marker(s) w/ Steel Post(s)

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



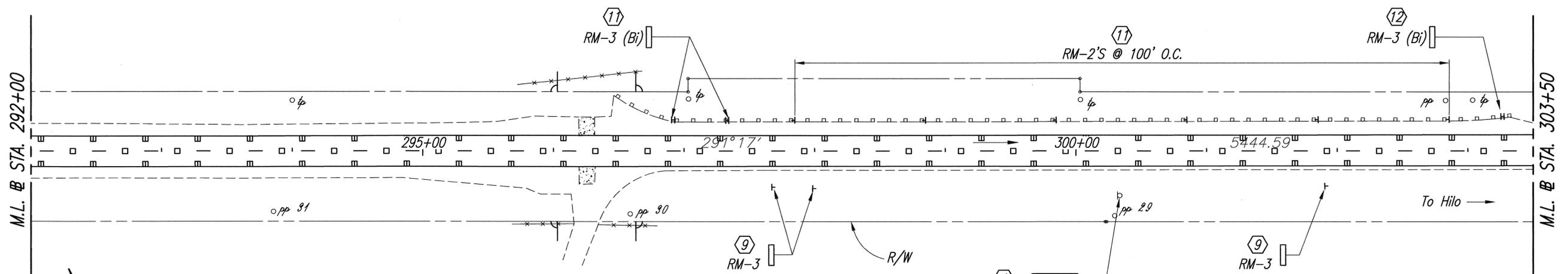
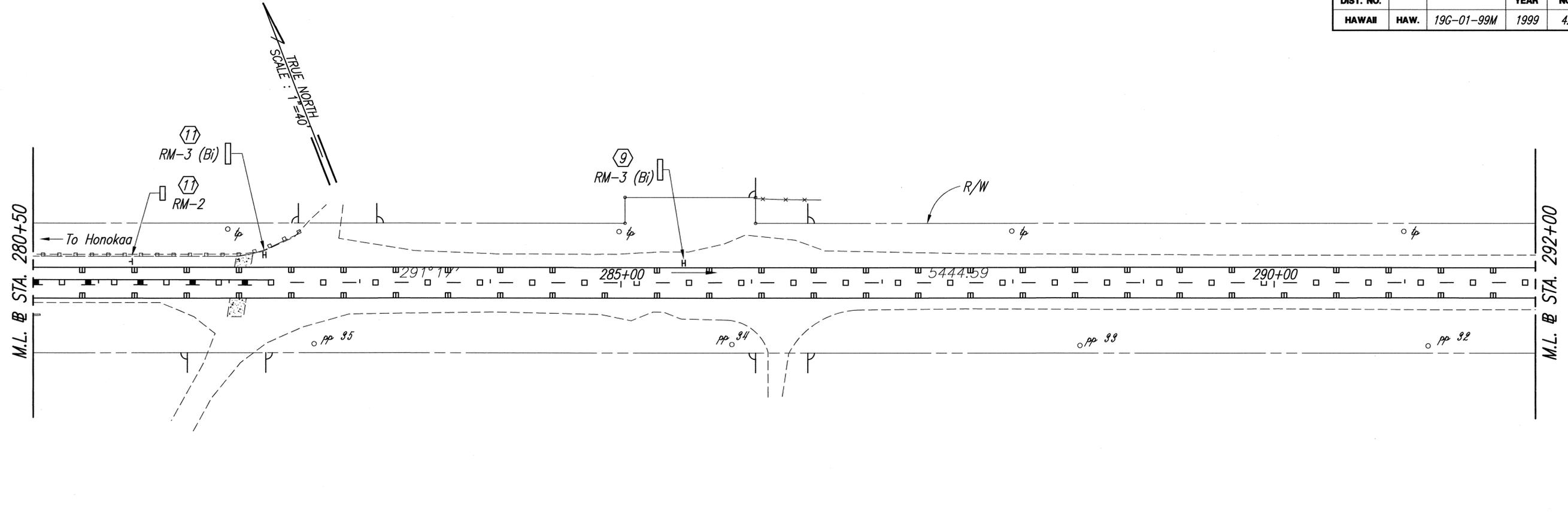
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Alan Y. Tomita

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT
MARKING PLAN
 HAWAII BELT ROAD RESURFACING
 Vicinity of Kahawailiili Bridge to East Paauilo Bridge
 Project No. 19G-01-99M
 Scale: As Shown Date: May, 1999
 SHEET No. 8 OF 12 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	42	55



- KEY:**
- | | | | |
|---|---|---|---|
| ① | Exist. Sign(s) w/ Post(s) to Remain | ⑦ | Install New Sign(s)/Marker(s) |
| ② | Remove Exist. Sign(s) w/ Post(s) | ⑧ | Remove Exist. Sign(s) & Reinstall |
| ③ | Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole | ⑨ | Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s) |
| ④ | Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s) | ⑩ | Install New Marker(s) w/ Flex Post(s) |
| ⑤ | Install New Sign(s) w/ Post(s) | ⑪ | Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s) |
| ⑥ | Remove Exist. Sign(s)/Markers & Install New Sign(s)/Marker(s) | ⑫ | Install New Marker(s) w/ Steel Post(s) |

ORIGINAL PLAN
 SURVEY PLOTTED BY: _____ DATE: _____
 DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____
 No. _____

TRUE NORTH
 SCALE: 1" = 40'

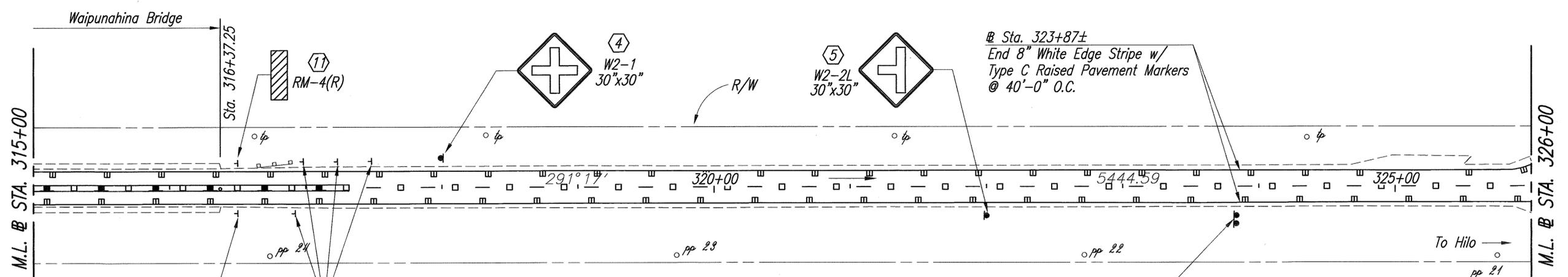
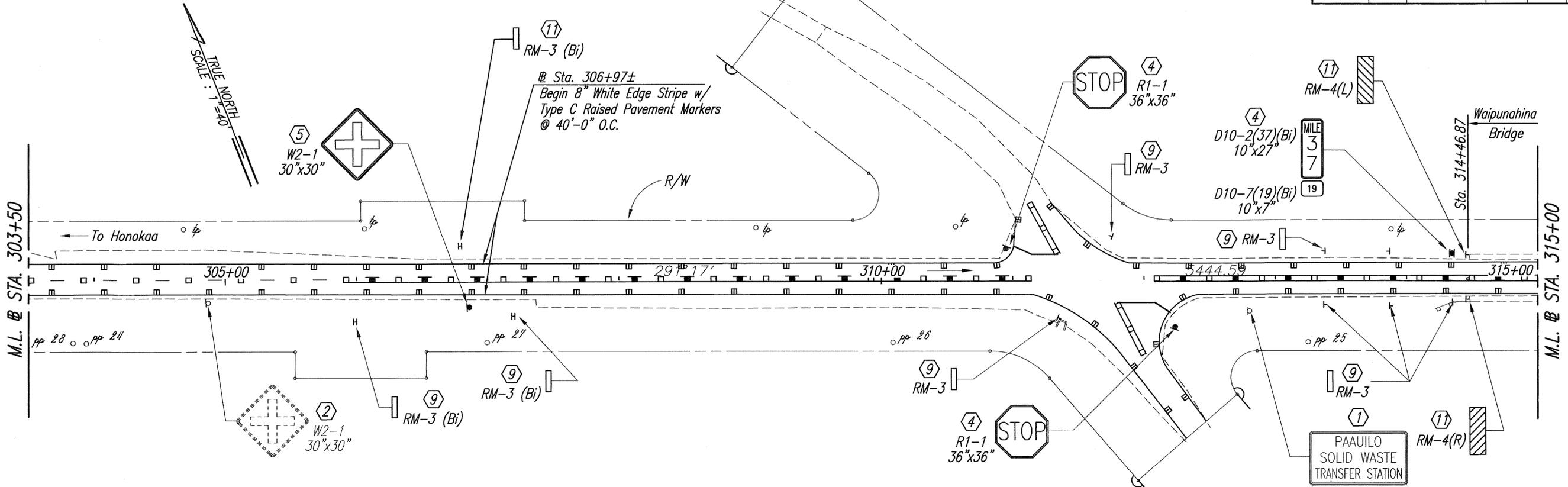


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Alan Y. Tomita

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT
MARKING PLAN
 HAWAII BELT ROAD RESURFACING
 Vicinity of Kahawaiilili Bridge to East Paauilo Bridge
 Project No. 19G-01-99M
 Scale: As Shown Date: May, 1999
 SHEET No. 9 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	43	55



- KEY:**
- ① Exist. Sign(s) w/ Post(s) to Remain
 - ② Remove Exist. Sign(s) w/ Post(s)
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) w/ Post(s)
 - ⑥ Remove Exist. Sign(s)/Marker(s) & Install New Sign(s)/Marker(s)
 - ⑦ Install New Sign(s)/Marker(s)
 - ⑧ Remove Exist. Sign(s) & Reinstall
 - ⑨ Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s)
 - ⑩ Install New Marker(s) w/ Flex Post(s)
 - ⑪ Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s)
 - ⑫ Install New Marker(s) w/ Steel Post(s)

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



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Alan Y. Tomita

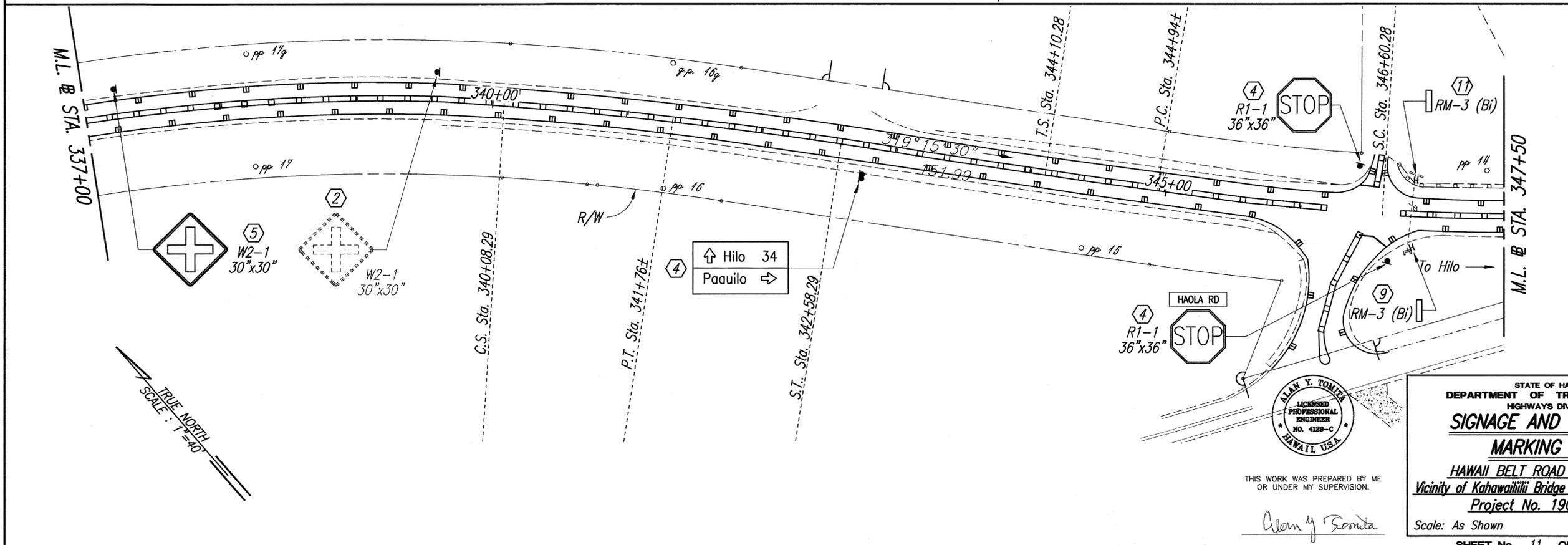
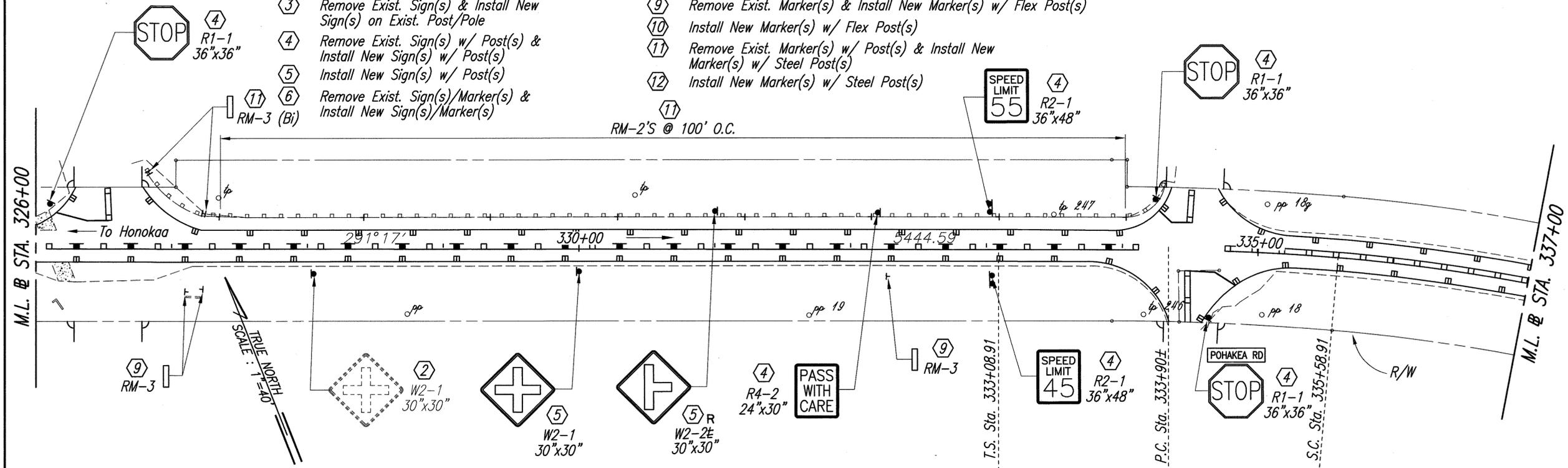
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT
MARKING PLAN
 HAWAII BELT ROAD RESURFACING
 Vicinity of Kahawailiili Bridge to East Paauiilo Bridge
 Project No. 19G-01-99M
 Scale: As Shown Date: May, 1999
 SHEET No. 10 OF 12 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	44	55

KEY:

- | | |
|---|---|
| ① Exist. Sign(s) w/ Post(s) to Remain | ⑦ Install New Sign(s)/Marker(s) |
| ② Remove Exist. Sign(s) w/ Post(s) | ⑧ Remove Exist. Sign(s) & Reinstall |
| ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post/Pole | ⑨ Remove Exist. Marker(s) & Install New Marker(s) w/ Flex Post(s) |
| ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s) | ⑩ Install New Marker(s) w/ Flex Post(s) |
| ⑤ Install New Sign(s) w/ Post(s) | ⑪ Remove Exist. Marker(s) w/ Post(s) & Install New Marker(s) w/ Steel Post(s) |
| ⑥ Remove Exist. Sign(s)/Marker(s) & Install New Sign(s)/Marker(s) | ⑫ Install New Marker(s) w/ Steel Post(s) |



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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

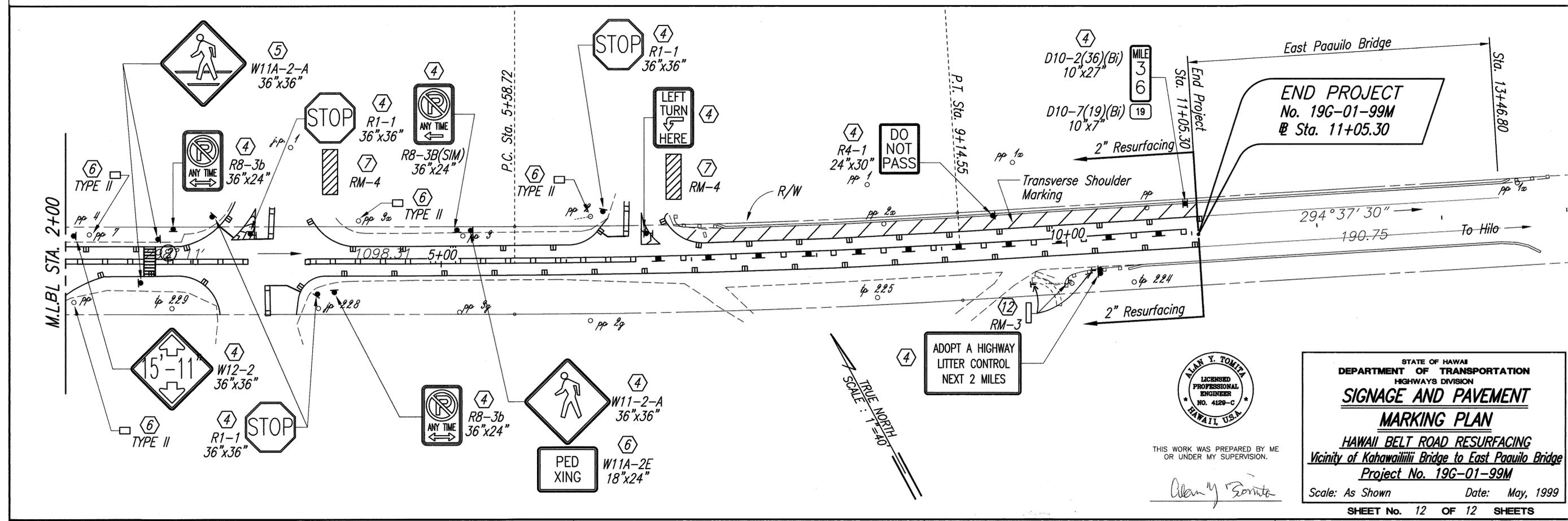
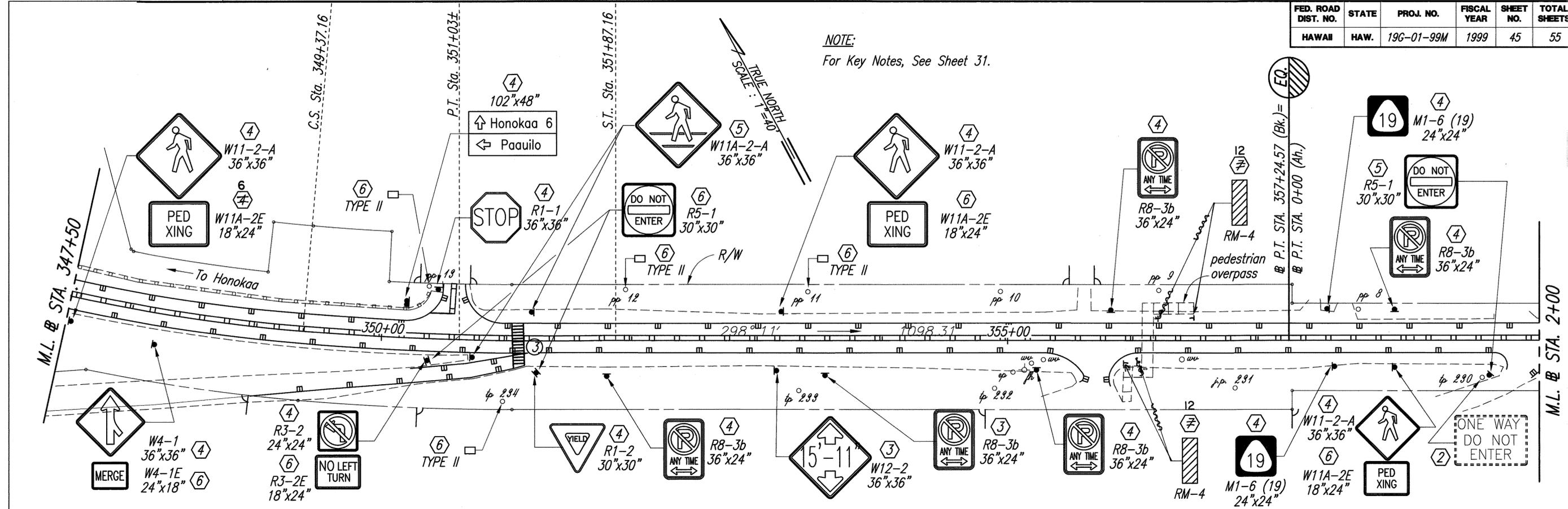
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SIGNAGE AND PAVEMENT
MARKING PLAN
HAWAII BELT ROAD RESURFACING
Vicinity of Kahawaiilili Bridge to East Paauilo Bridge
Project No. 19G-01-99M
Scale: As Shown Date: May, 1999

"AS-BUILT"

19-001-HAWAII-RT100-19G-344-50 May 7, 1999 9:15AM asst

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19G-01-99M	1999	45	55

NOTE:
For Key Notes, See Sheet 31.



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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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SHEET No. 12 OF 12 SHEETS

"AS-BUILT"