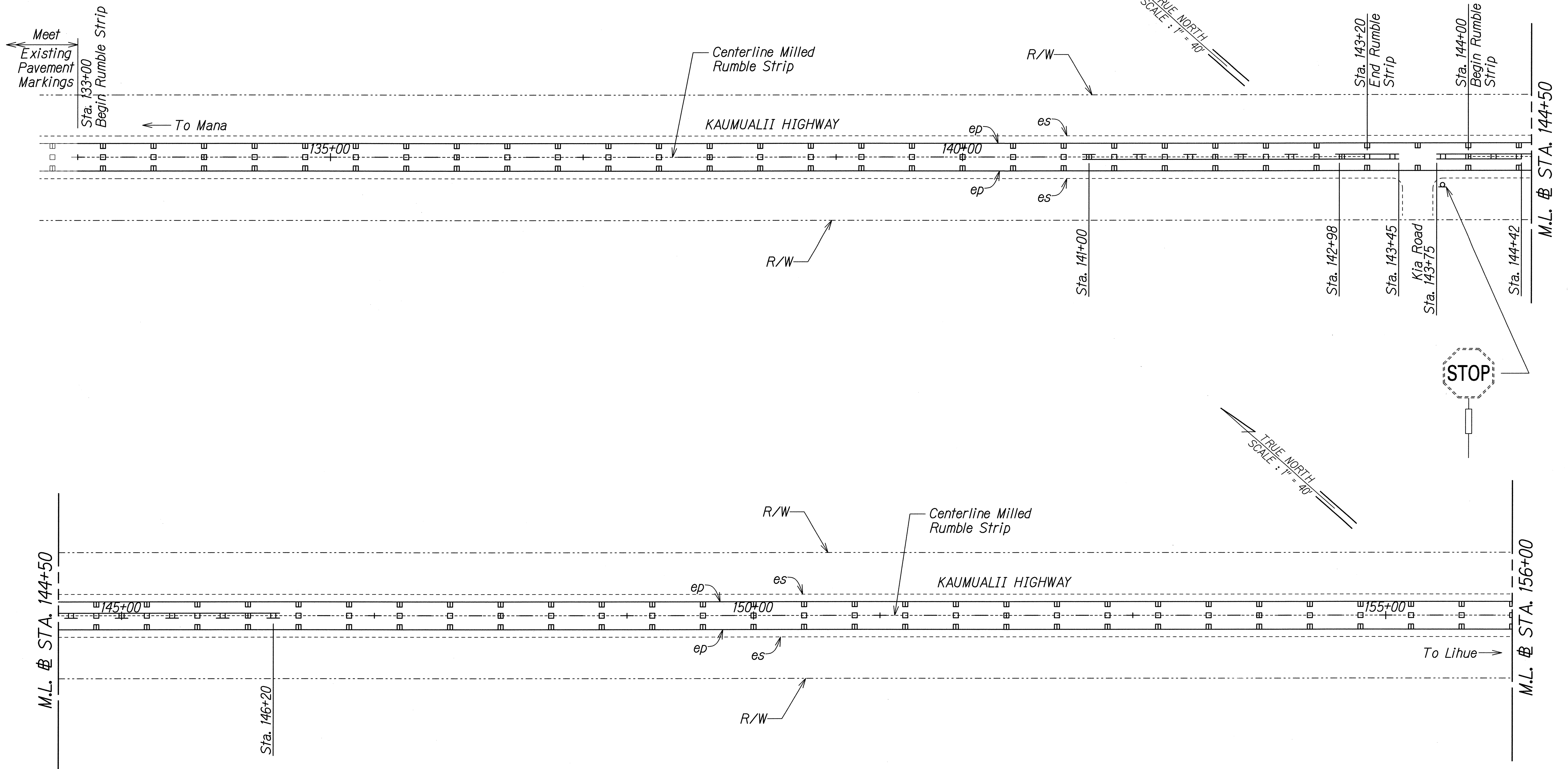


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	36	63



ORIGINAL PLAN	DATE
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CHECKED BY	
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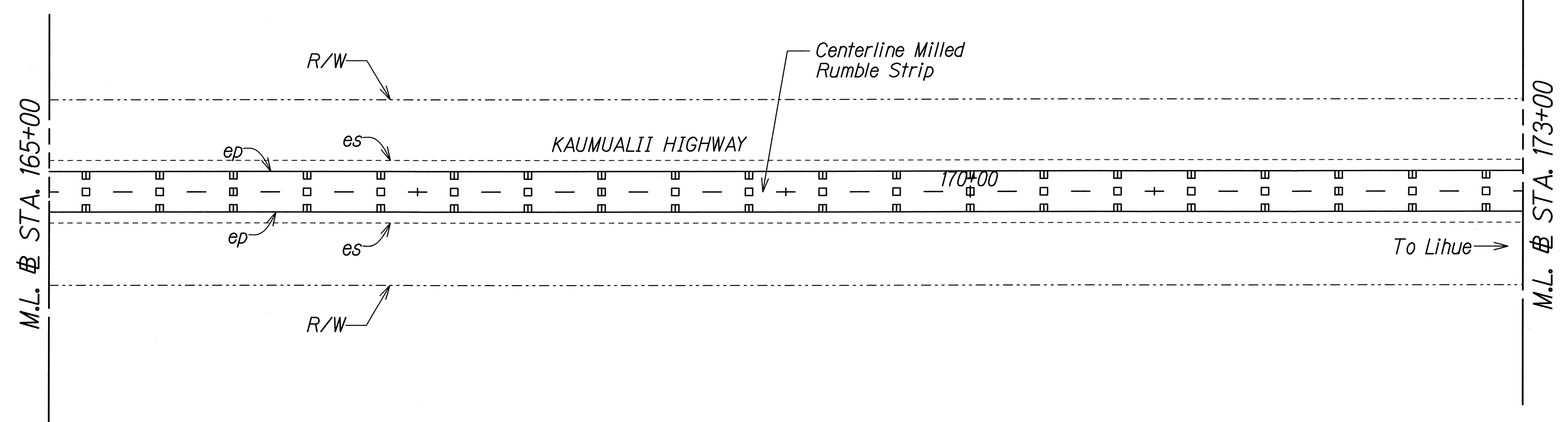
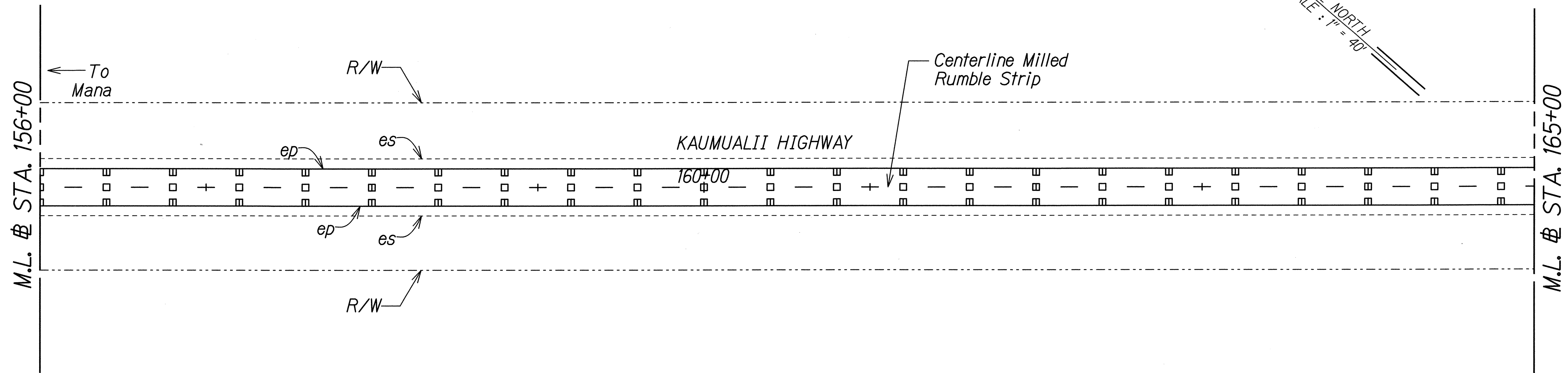
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 1**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	37	63



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
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TRACED BY	
DESIGNED BY	
CHECKED BY	
APPROVED BY	

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PAMELA K. UYEDA  
LICENSED PROFESSIONAL ENGINEER  
No. 10352-C  
HAWAII, U.S.A.

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*P. Uyeda*  
SIGNATURE

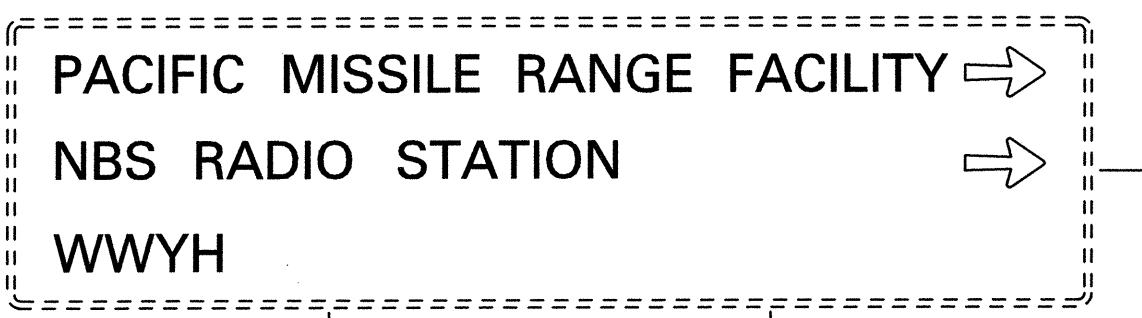
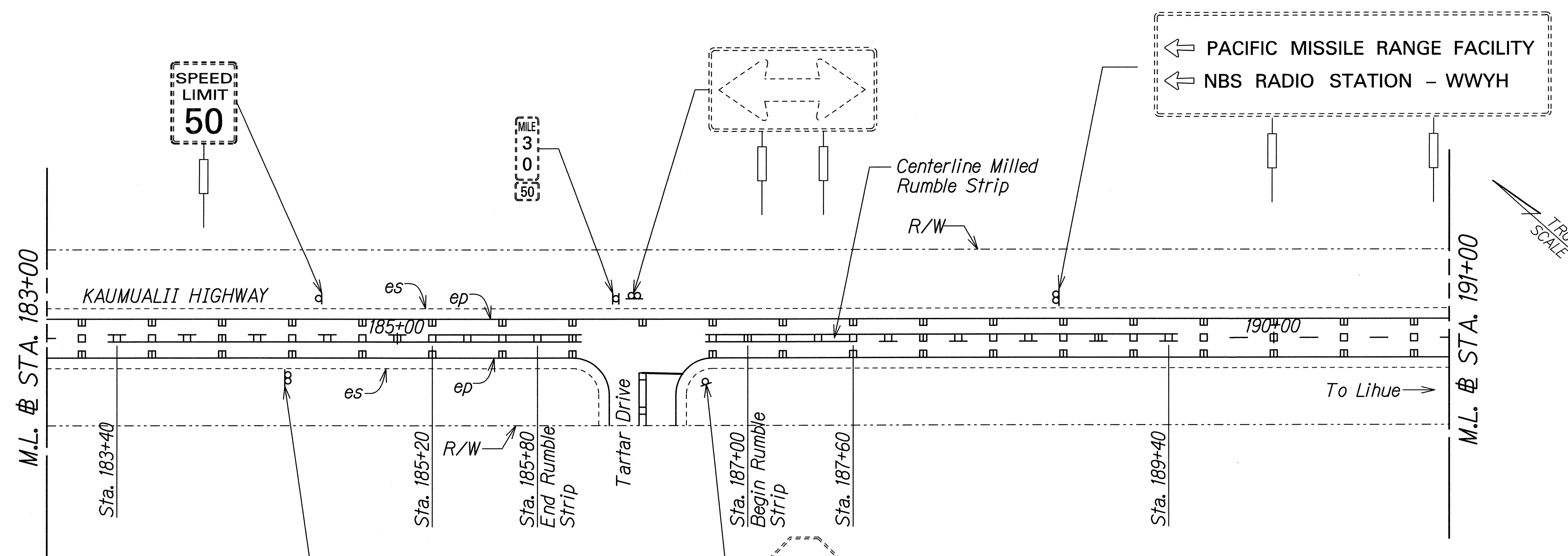
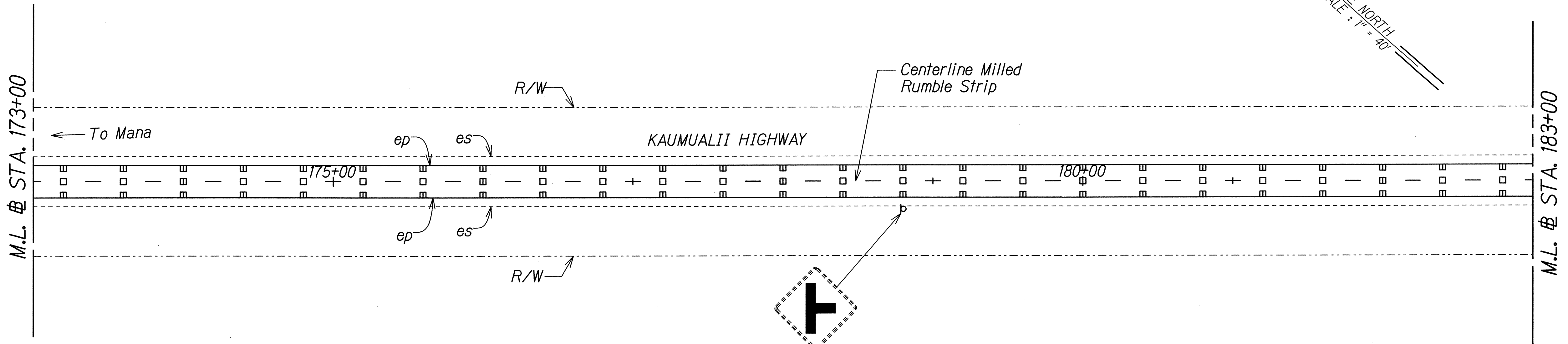
04/30/16  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 2**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE  
Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	38	63



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
DATE	

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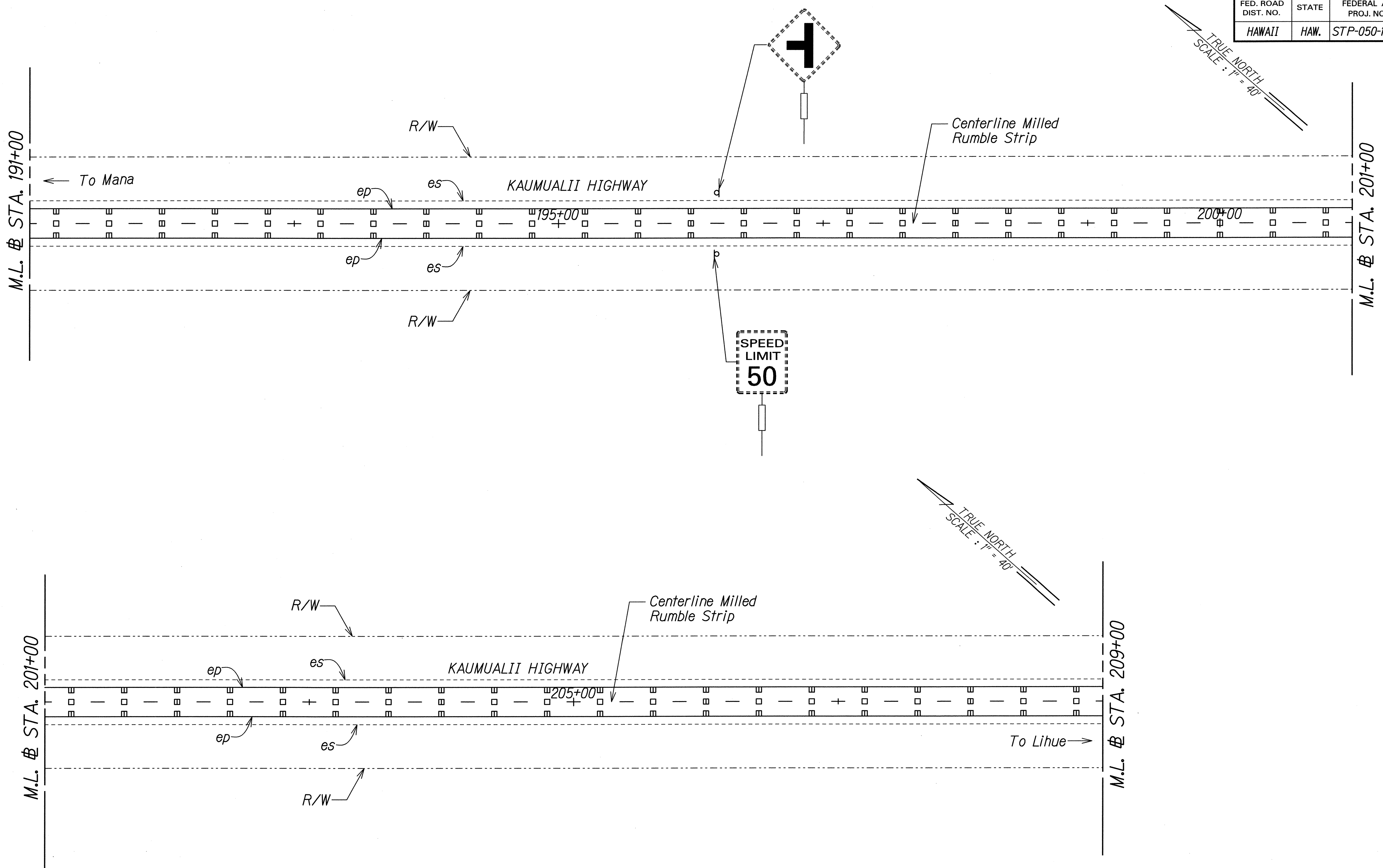
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 3**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	39	63



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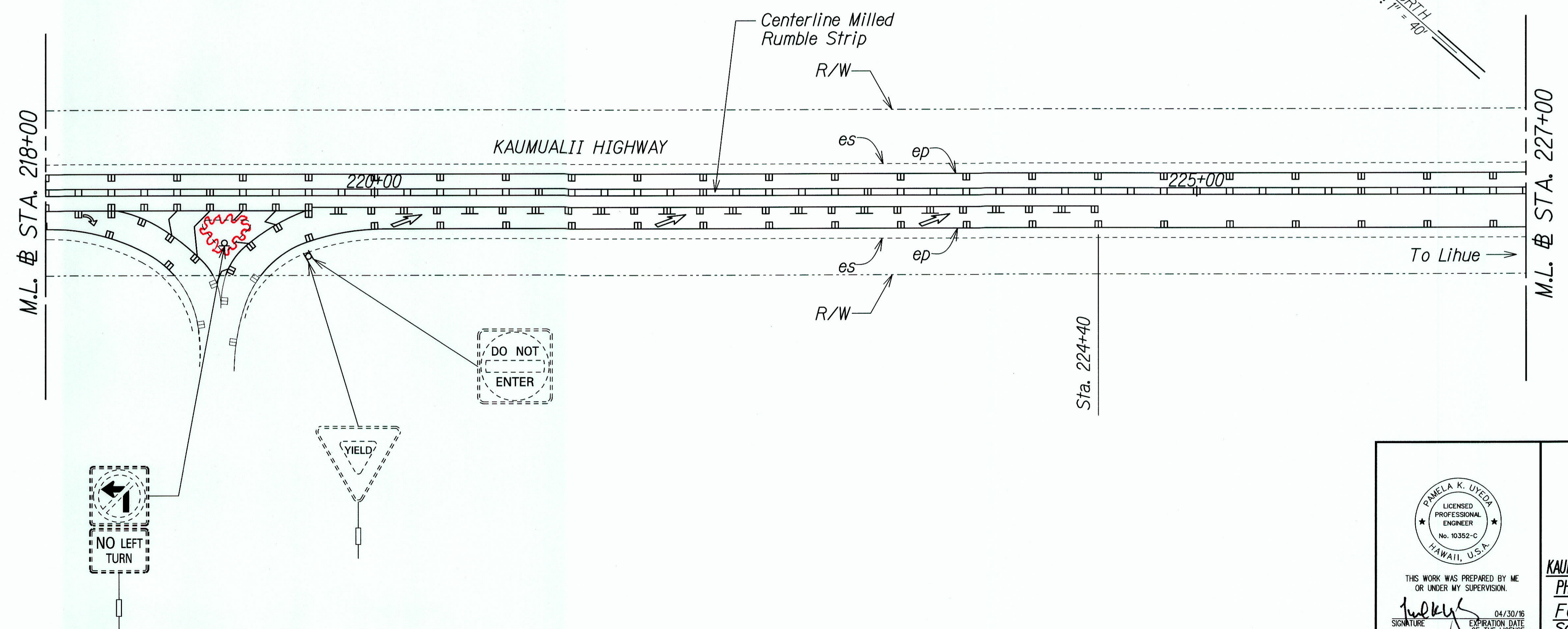
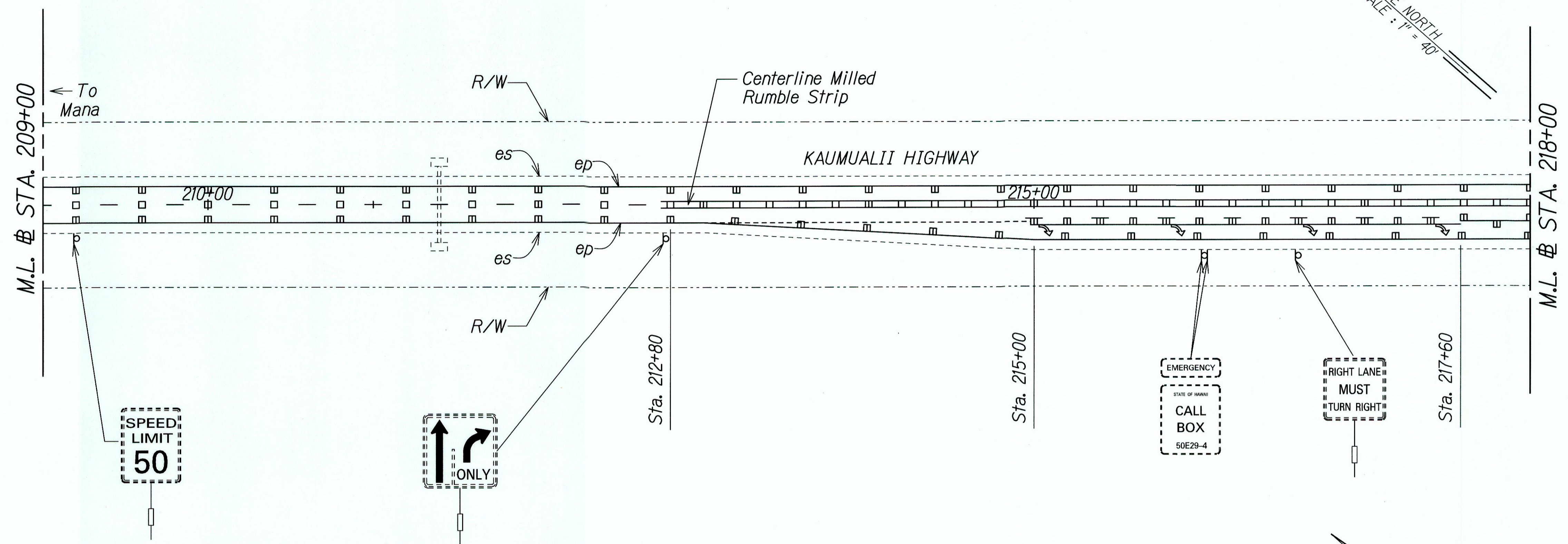
*P. Uyeda* 04/30/16  
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT  
MARKING PLAN - 4**

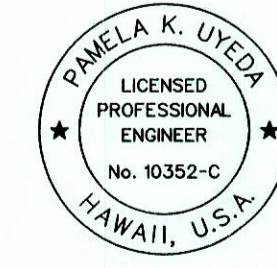
KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE  
Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	40	63



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

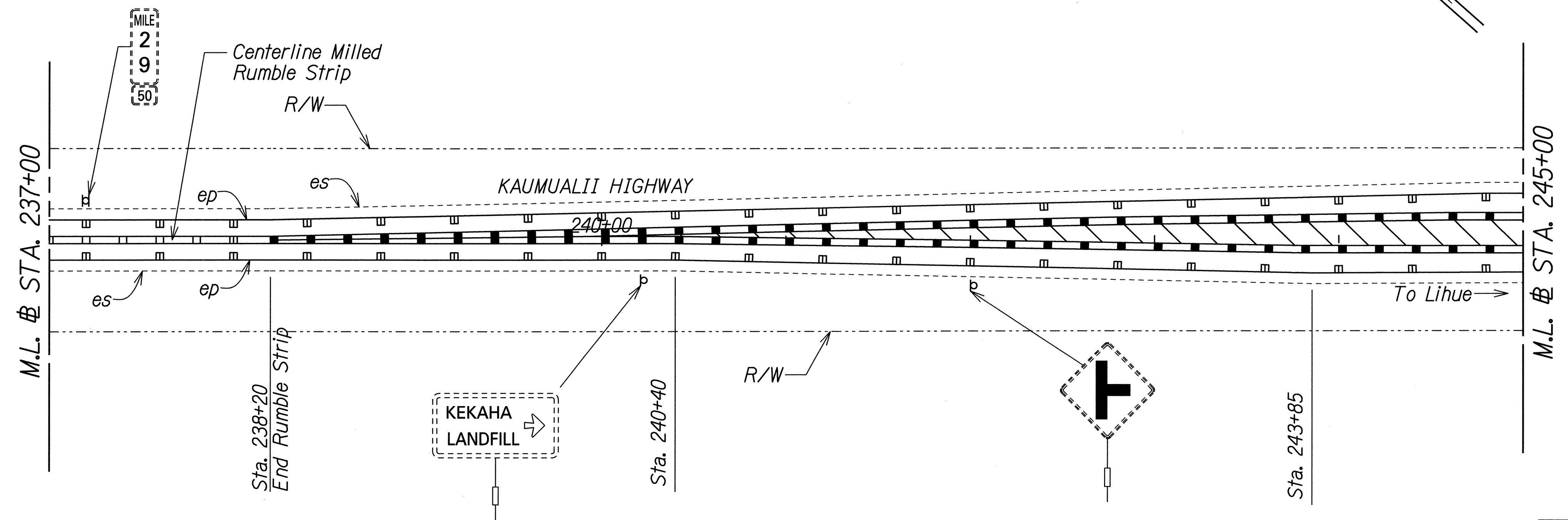
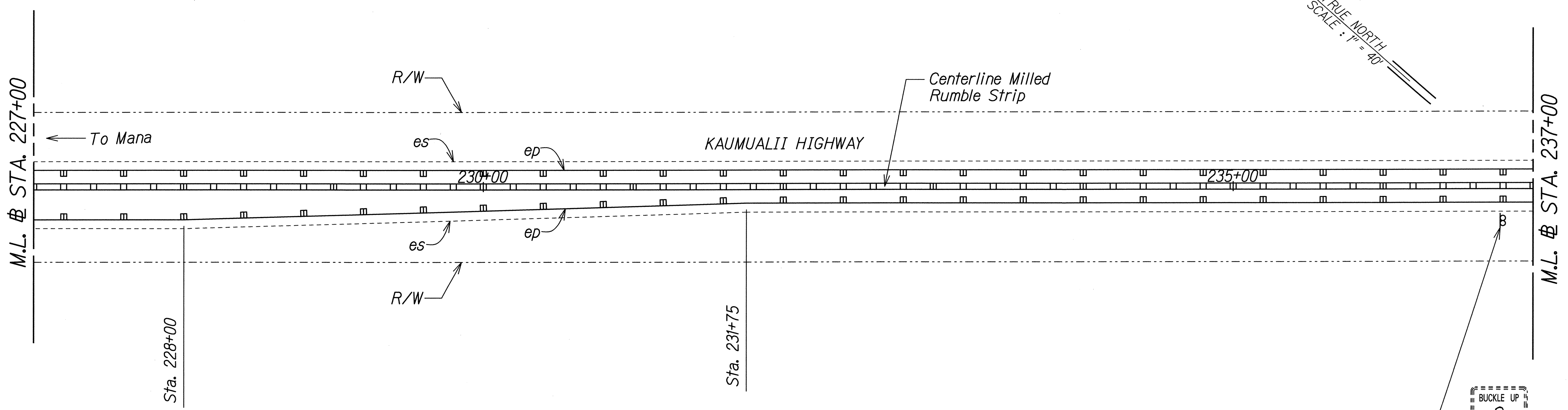
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 EXPIRATION DATE OF LICENSE

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND PAVEMENT MARKING PLAN - 5**  
 KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
 PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE  
 Federal Aid Project No. STP-050-1(041)  
 Scale: 1"=40' Date: Aug. 28, 2014

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	41	63



ORIGINAL PLAN	DATE
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DESIGNED BY	
CHECKED BY	
DATE	

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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

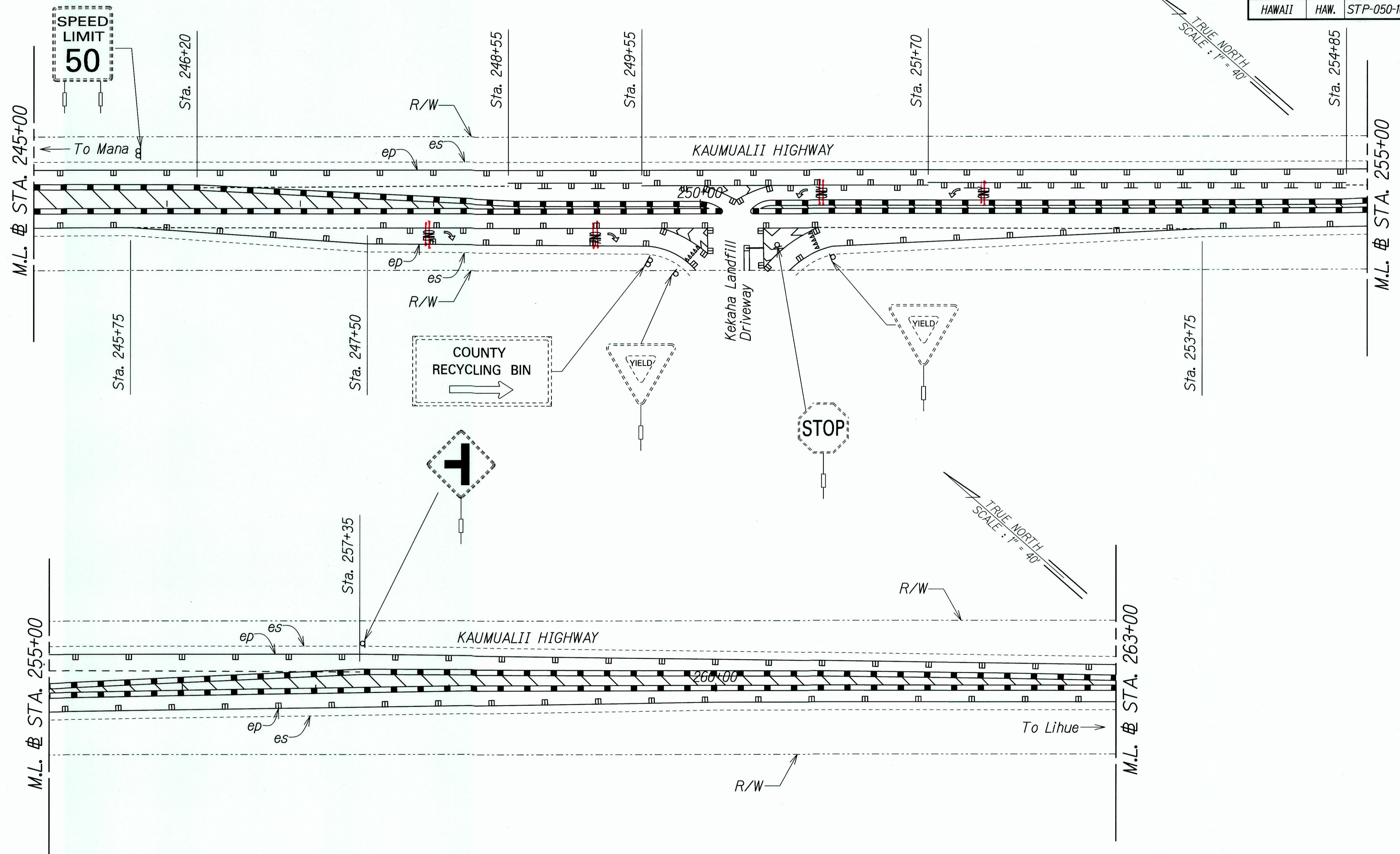
**SIGNING AND PAVEMENT MARKING PLAN - 6**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

SHEET No. S-8 OF 25 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	42	63



ORIGINAL PLAN	DATE
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QUANTITIES BY	
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EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

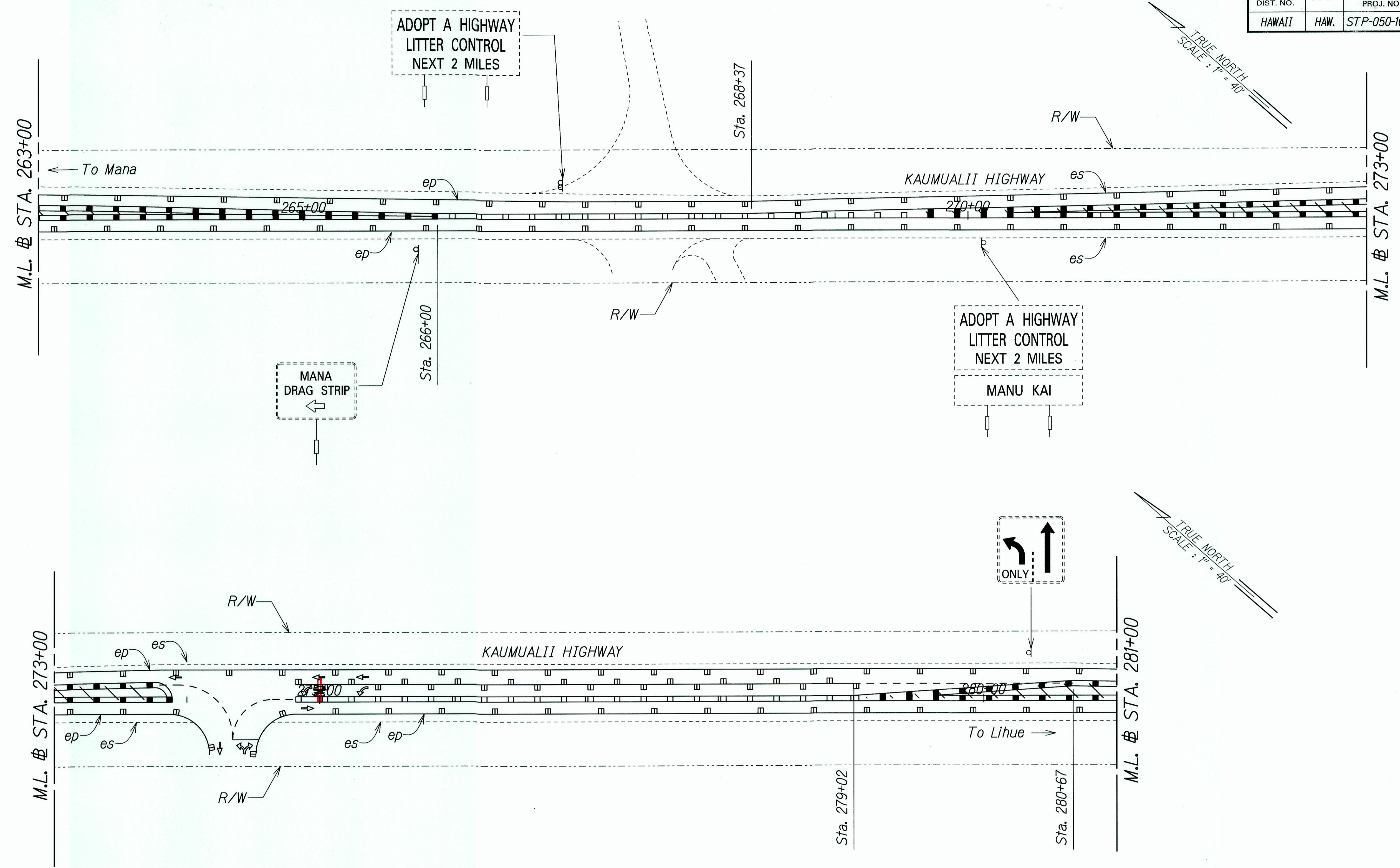
**SIGNING AND PAVEMENT MARKING PLAN - 7**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

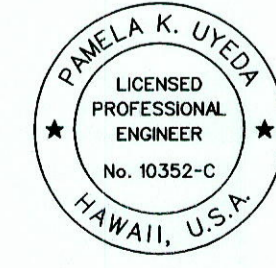
"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(K041)	2014	43	63



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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	QUANTITIES BY	
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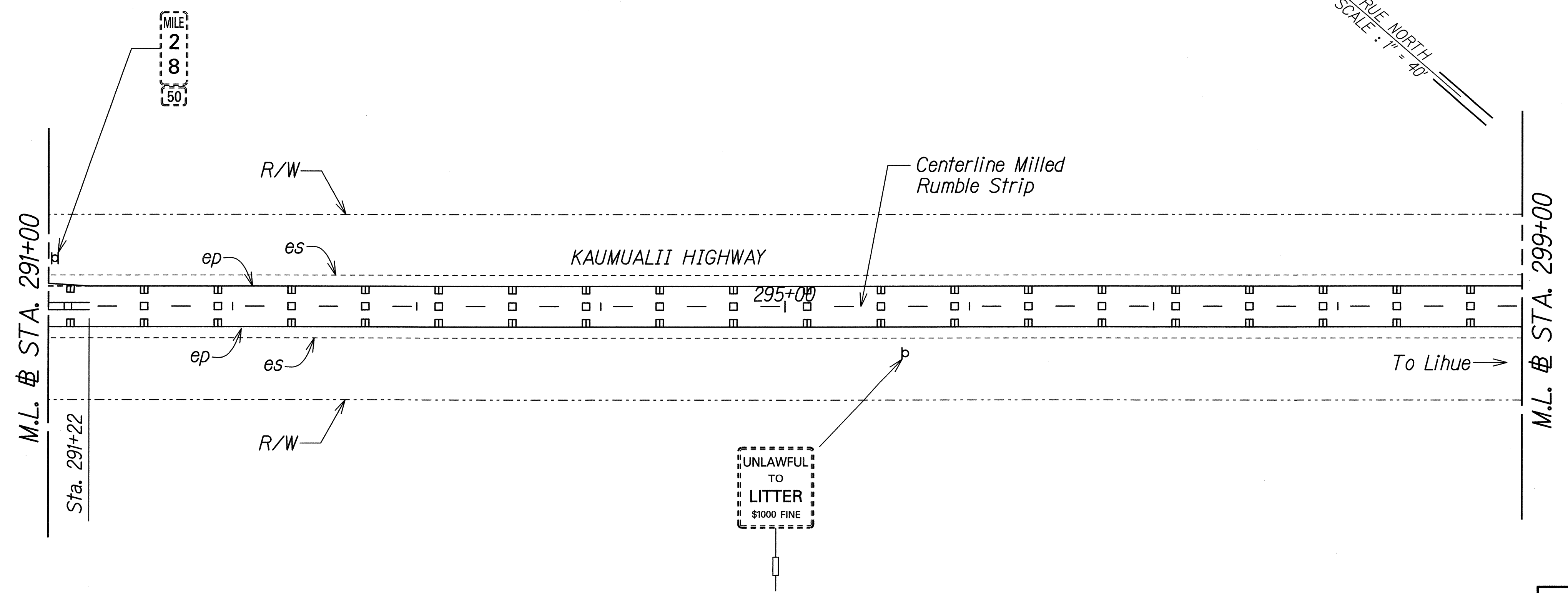
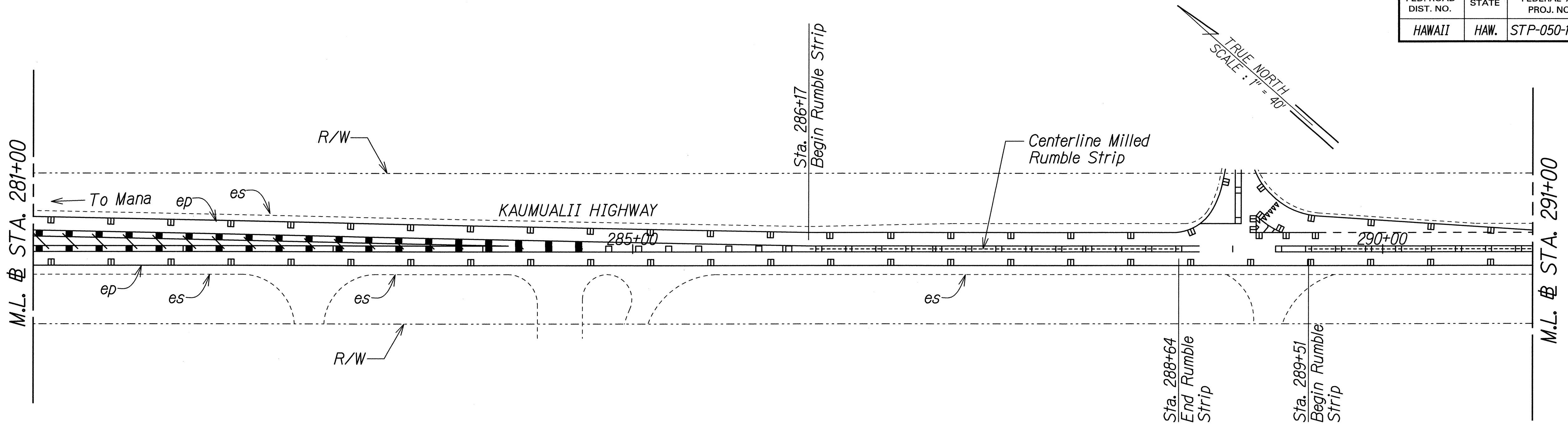
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STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND PAVEMENT MARKING PLAN - 8**  
 KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
 PHASE III - VICINITY OF MANA TO WAIHEA CANYON DRIVE  
 Federal Aid Project No. STP-050-1(K041)  
 Scale: 1"=40' Date: Aug. 28, 2014

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	44	63



ORIGINAL PLAN	DATE
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PAMELA K. UYEDA  
 LICENSED PROFESSIONAL ENGINEER  
 No. 10352-C  
 HAWAII, U.S.A.

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*P. Uyeda*  
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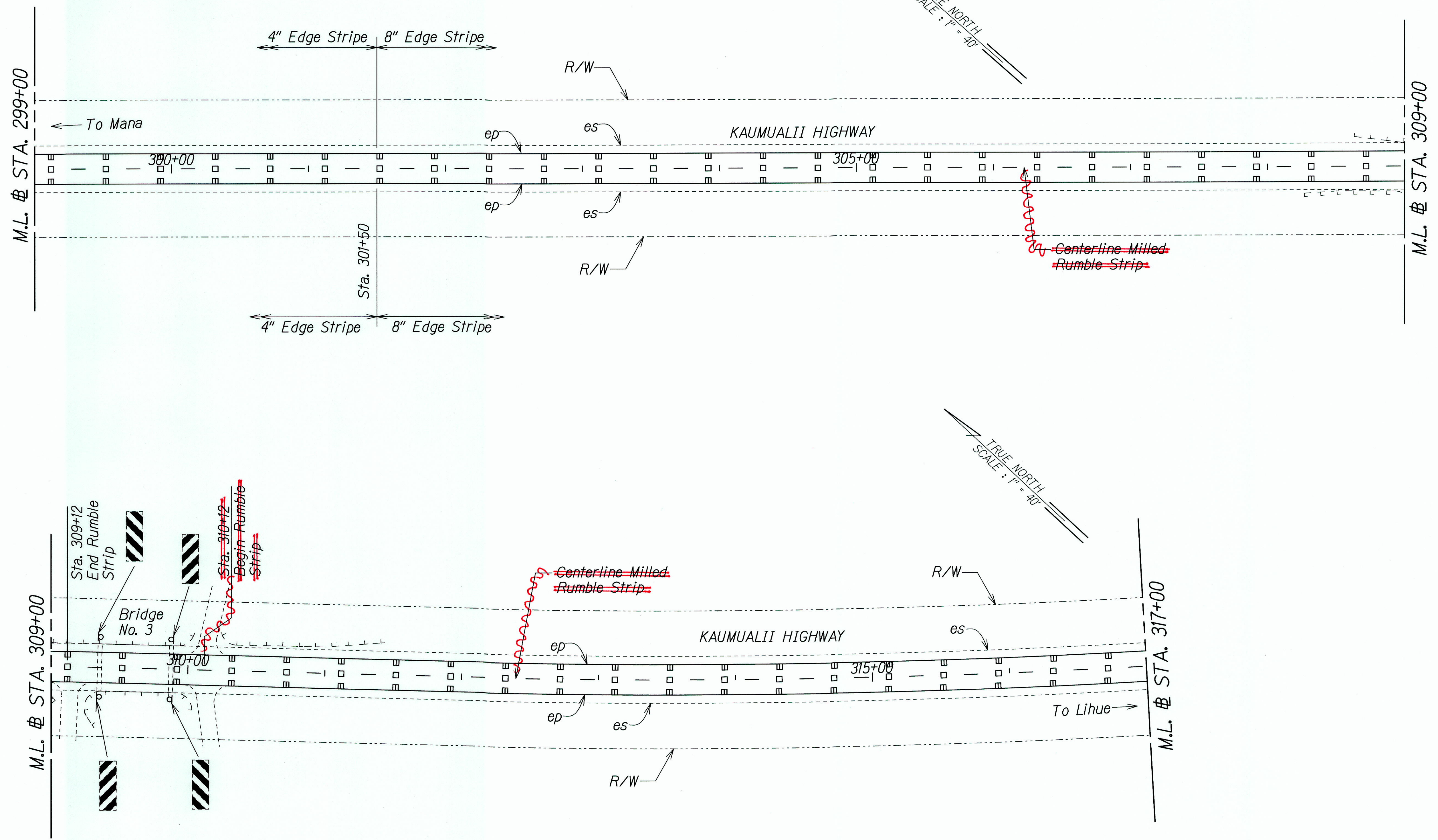
04/30/16  
 EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 9**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
 PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE  
 Federal Aid Project No. STP-050-1(041)  
 Scale: 1"=40' Date: Aug. 28, 2014

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	45	63



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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EXPIRATION DATE OF THE LICENSE

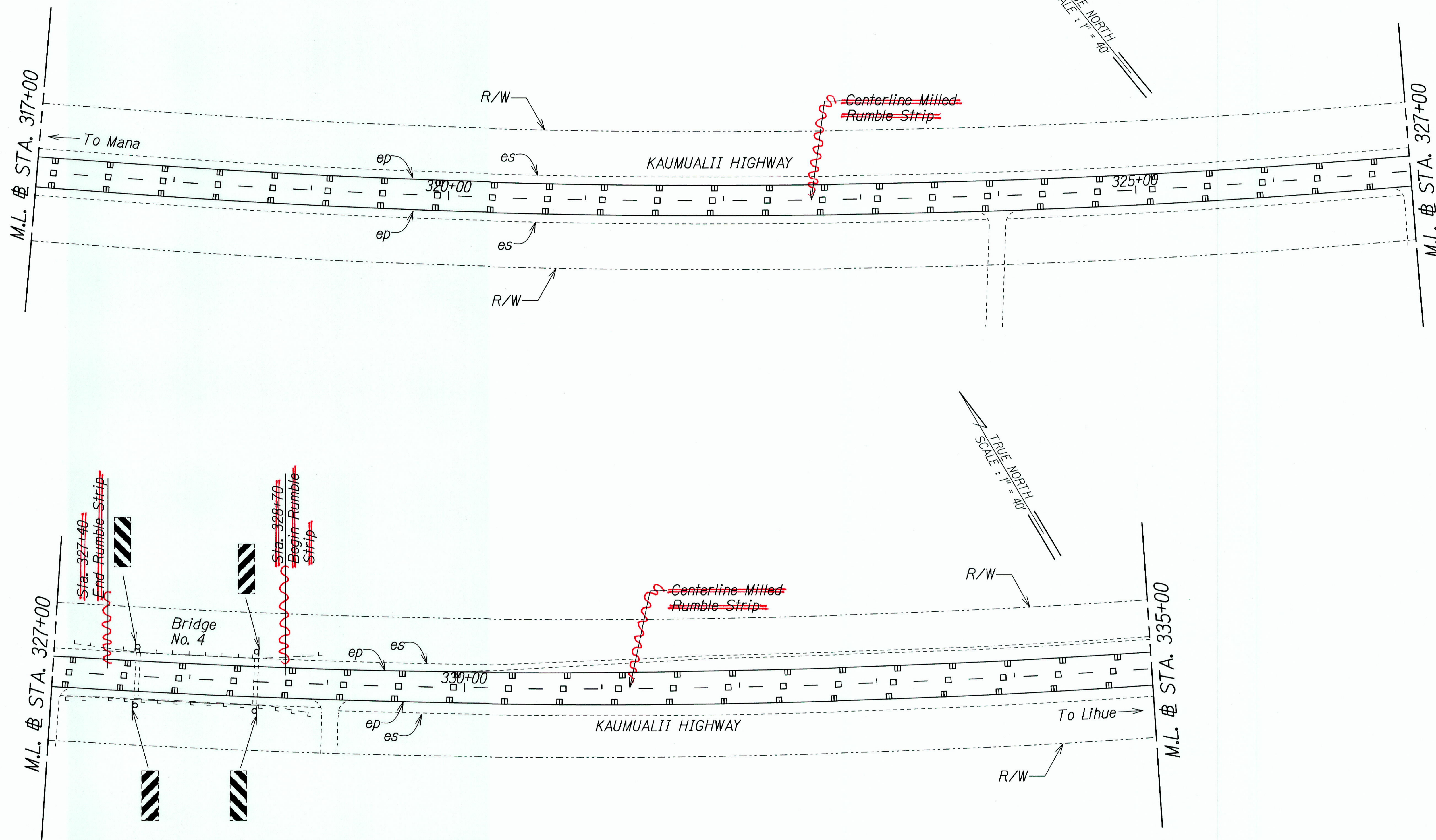
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 10**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIPIA CANYON DRIVE  
Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	46	63



ORIGINAL PLAN	DATE
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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 11**

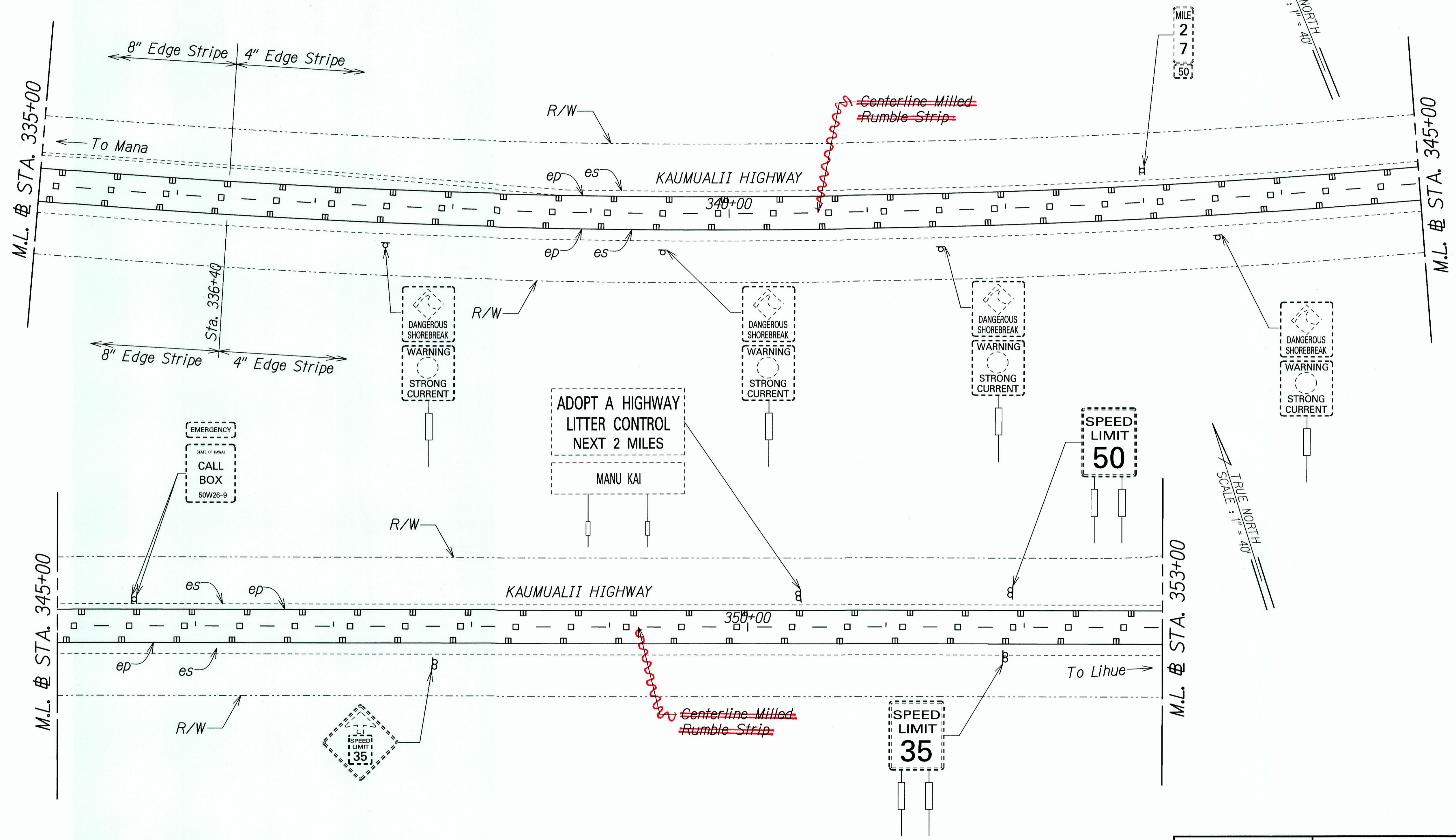
KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIPIA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

SHEET No. S-13 OF 25 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	47	63



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50

TRUE NORTH  
SCALE: 1" = 40'

TRUE NORTH  
SCALE: 1" = 40'

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DESIGNED BY	
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PANELA K. UYEDA  
LICENSED PROFESSIONAL ENGINEER  
No. 10352-C  
HAWAII, U.S.A.

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*[Signature]*  
SIGNATURE

04/30/16  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 12**

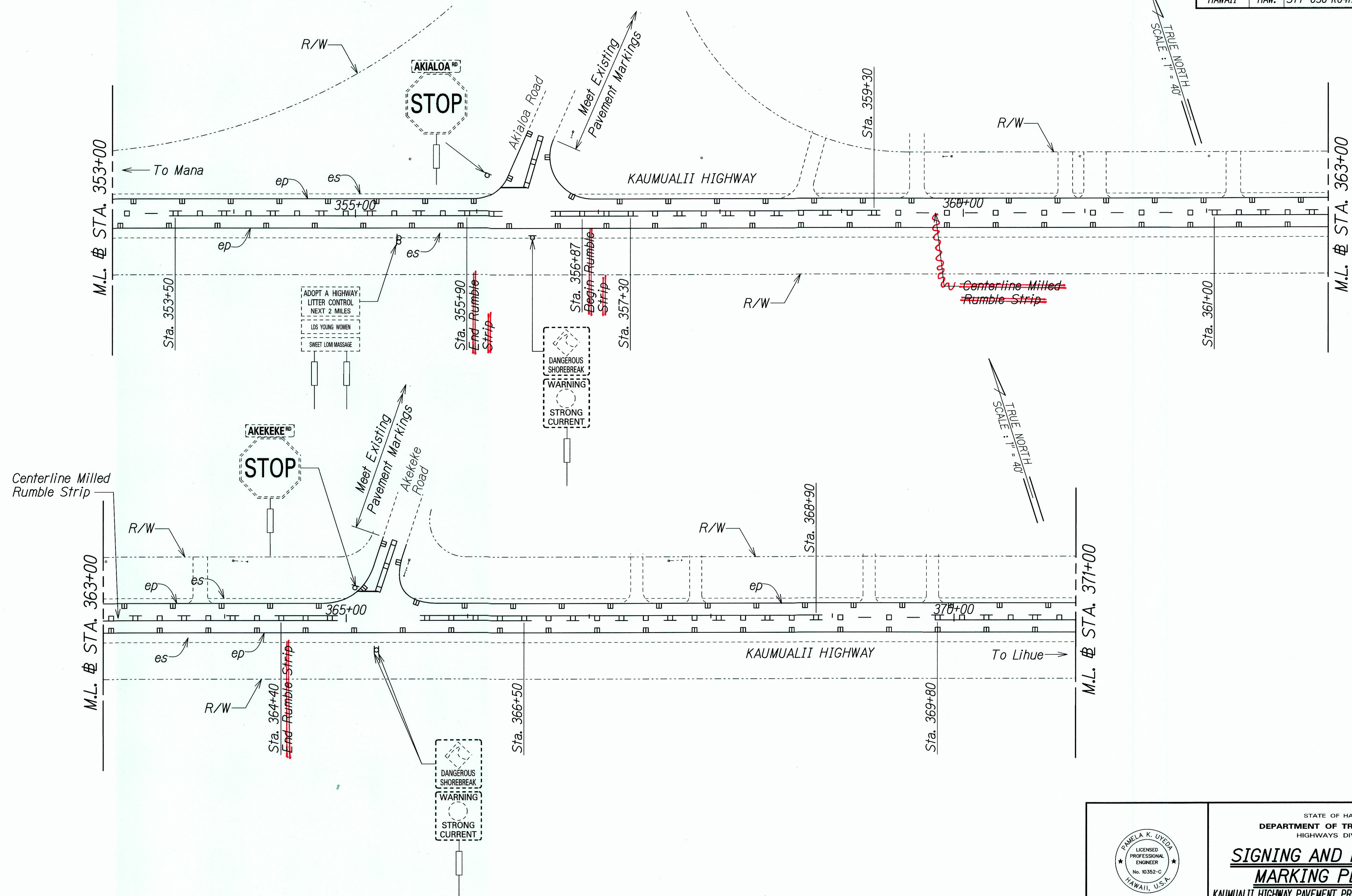
KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

SHEET No. S-14 OF 25 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	48	63



ORIGINAL PLAN	DATE
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DESIGNED BY	
CHECKED BY	
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*P. Uyeda* 04/30/16  
SIGNATURE EXPIRATION DATE OF LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

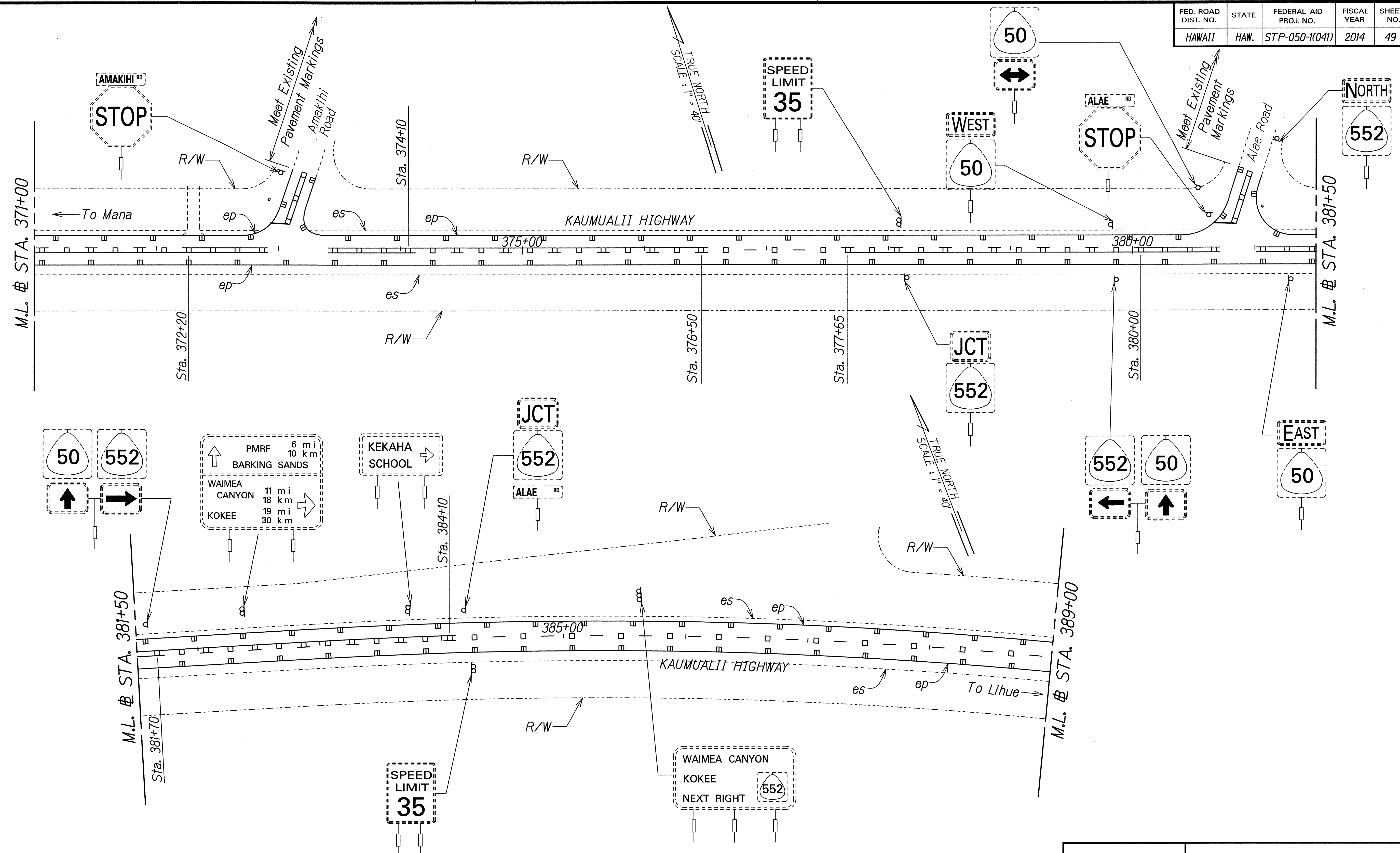
**SIGNING AND PAVEMENT MARKING PLAN - 13**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIPIA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	49	63



ORIGINAL PLAN	DATE
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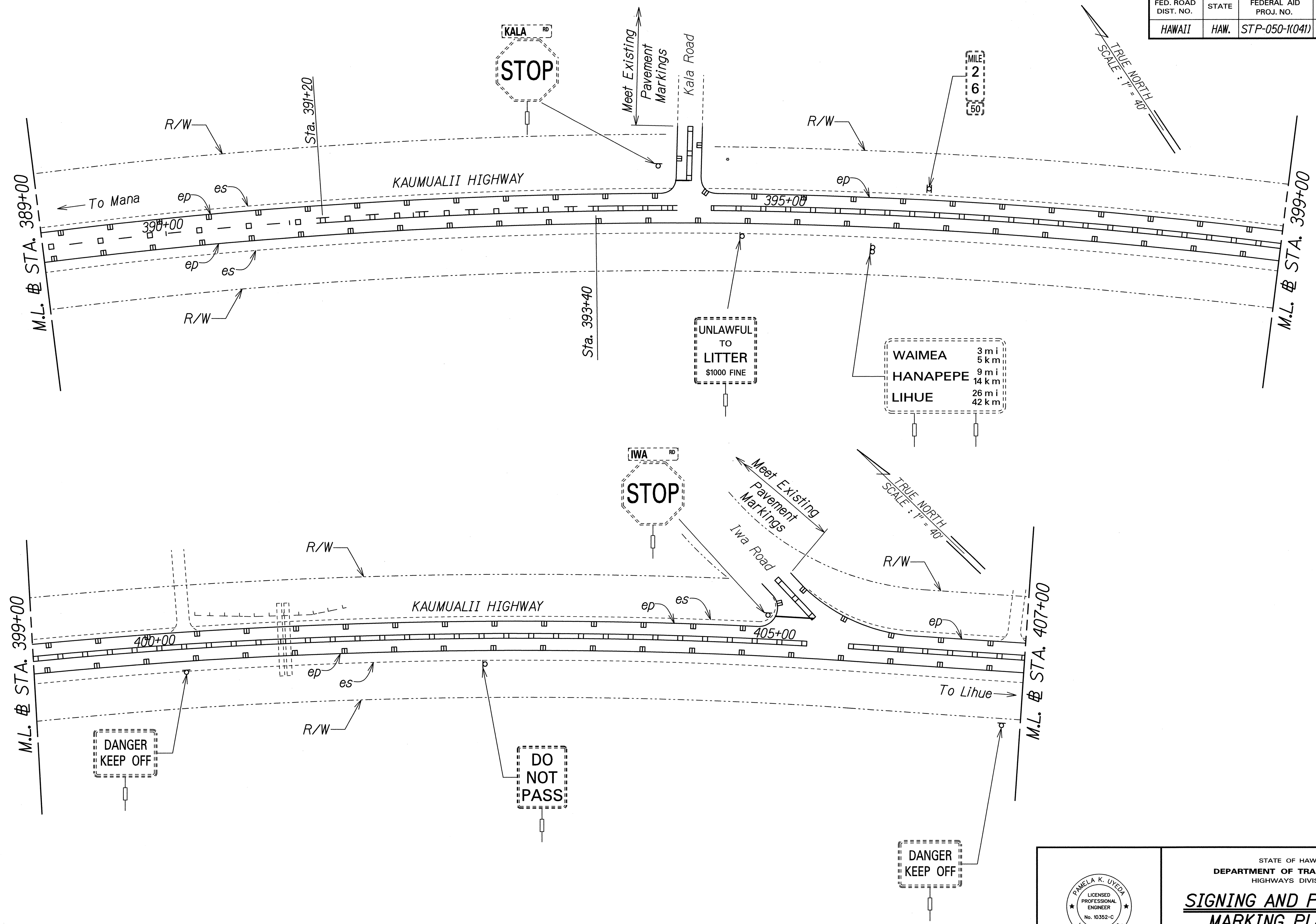
*P. Uyeda* 04/30/16  
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 14**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE  
Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	50	63



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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	DESIGNED BY	
	CHECKED BY	

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SIGNATURE EXPIRATION DATE OF LICENSE

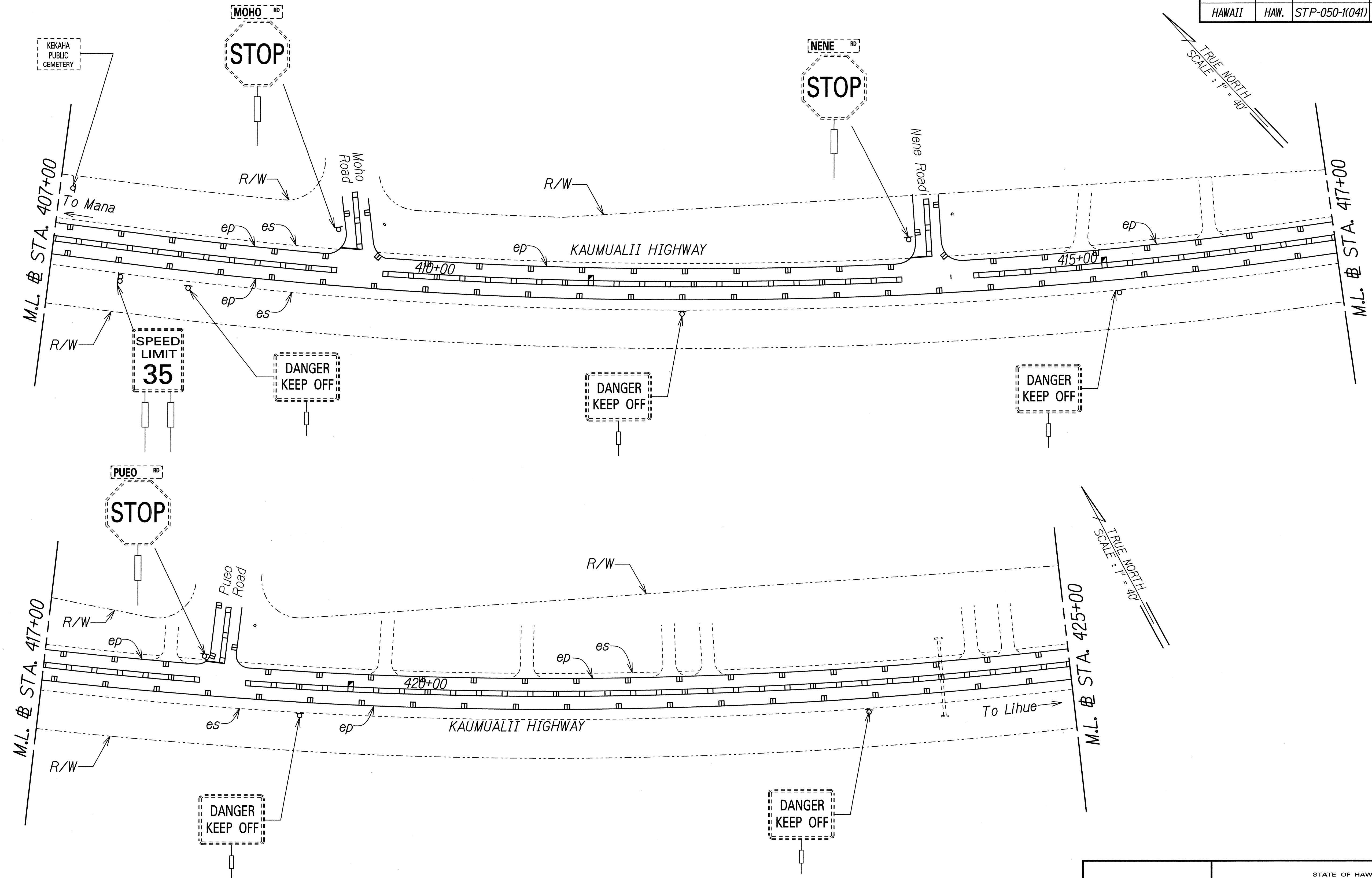
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 15**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	51	63



DATE	_____
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DRAWN BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
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SIGNATURE EXPIRATION DATE OF THE LICENSE

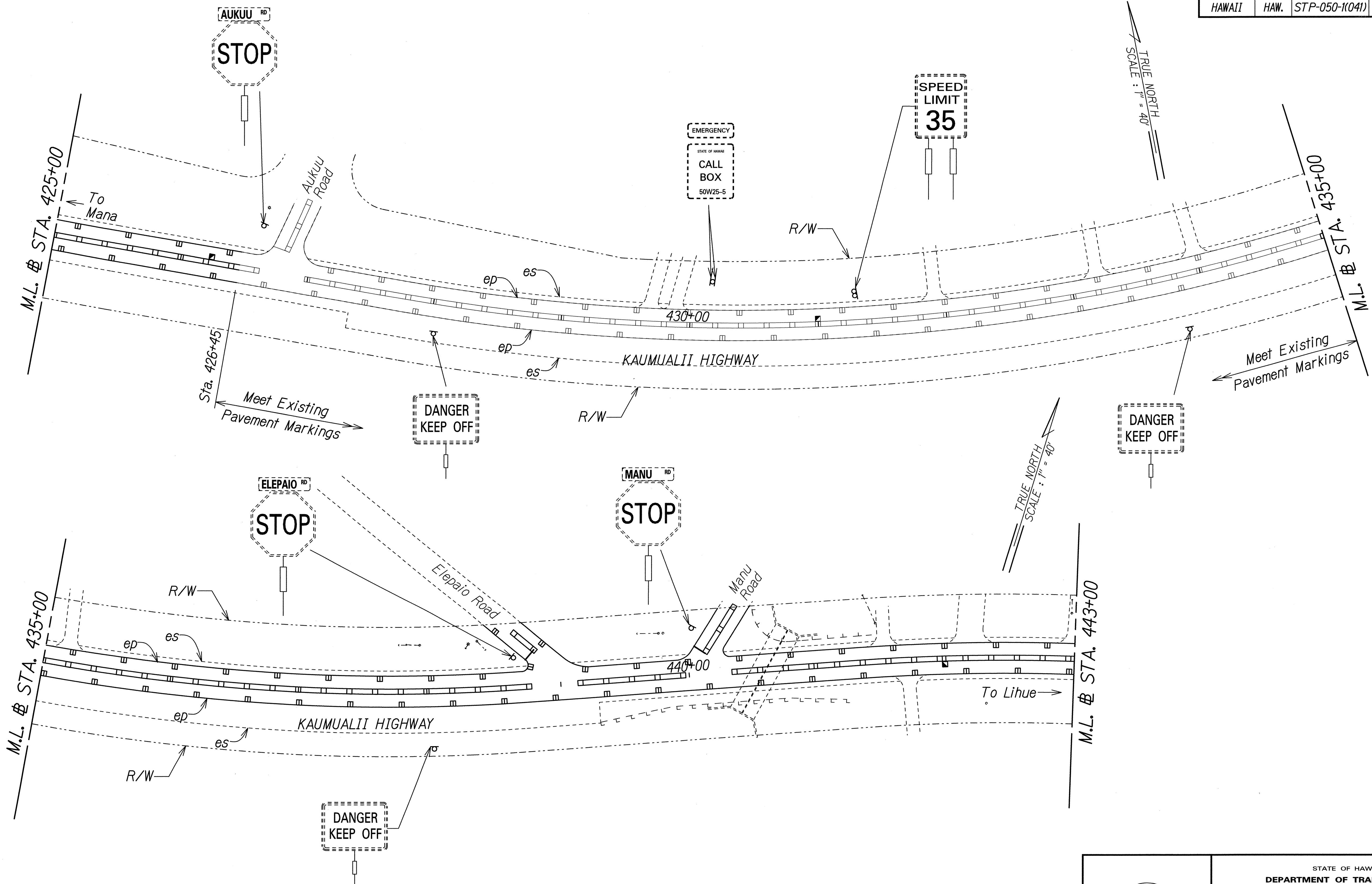
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 16**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	52	63



ORIGINAL PLAN	DATE
PLANNED BY	
DESIGNED BY	
CHECKED BY	
DATE	

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Signature: *[Handwritten Signature]* Date: 04/30/16

EXPIRATION DATE OF THE LICENSE

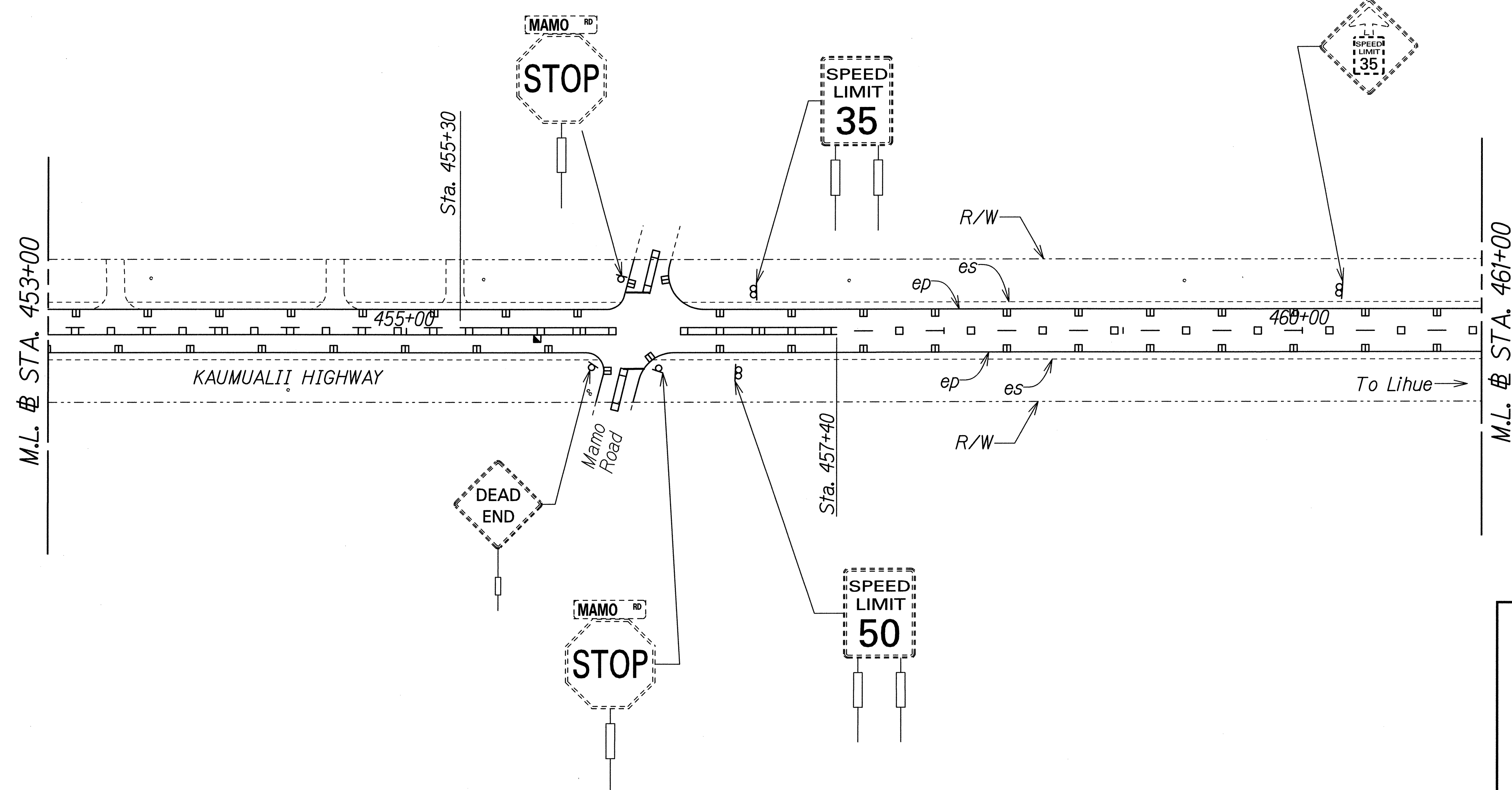
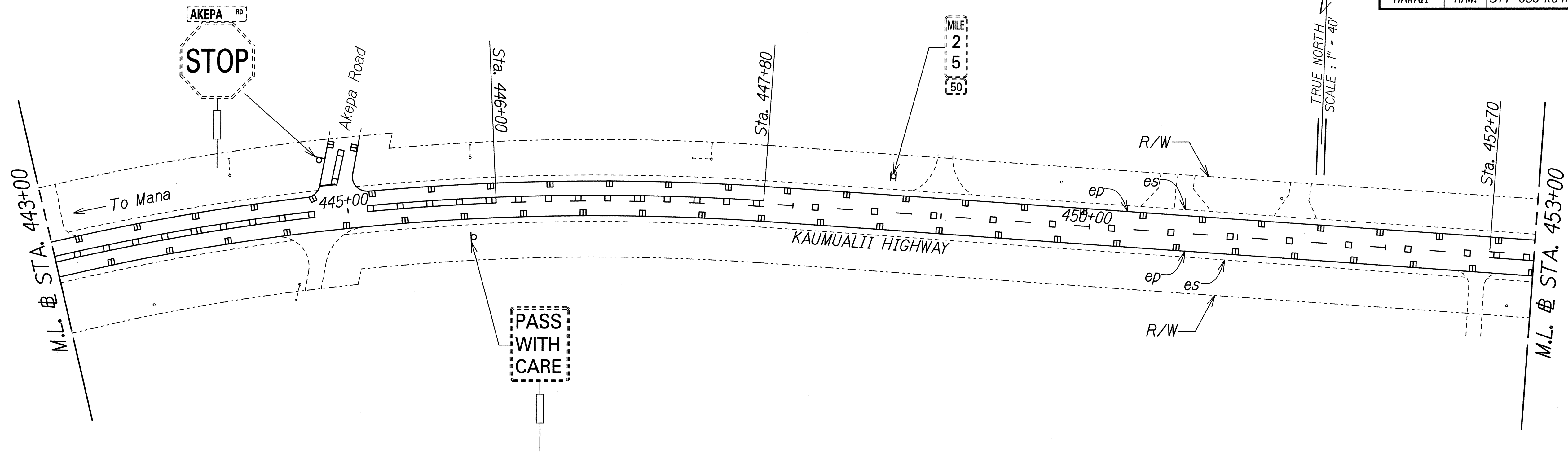
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 17**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	53	63



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
DATE	

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*P. Uyeda* 04/30/16  
SIGNATURE EXPIRATION DATE OF THE LICENSE

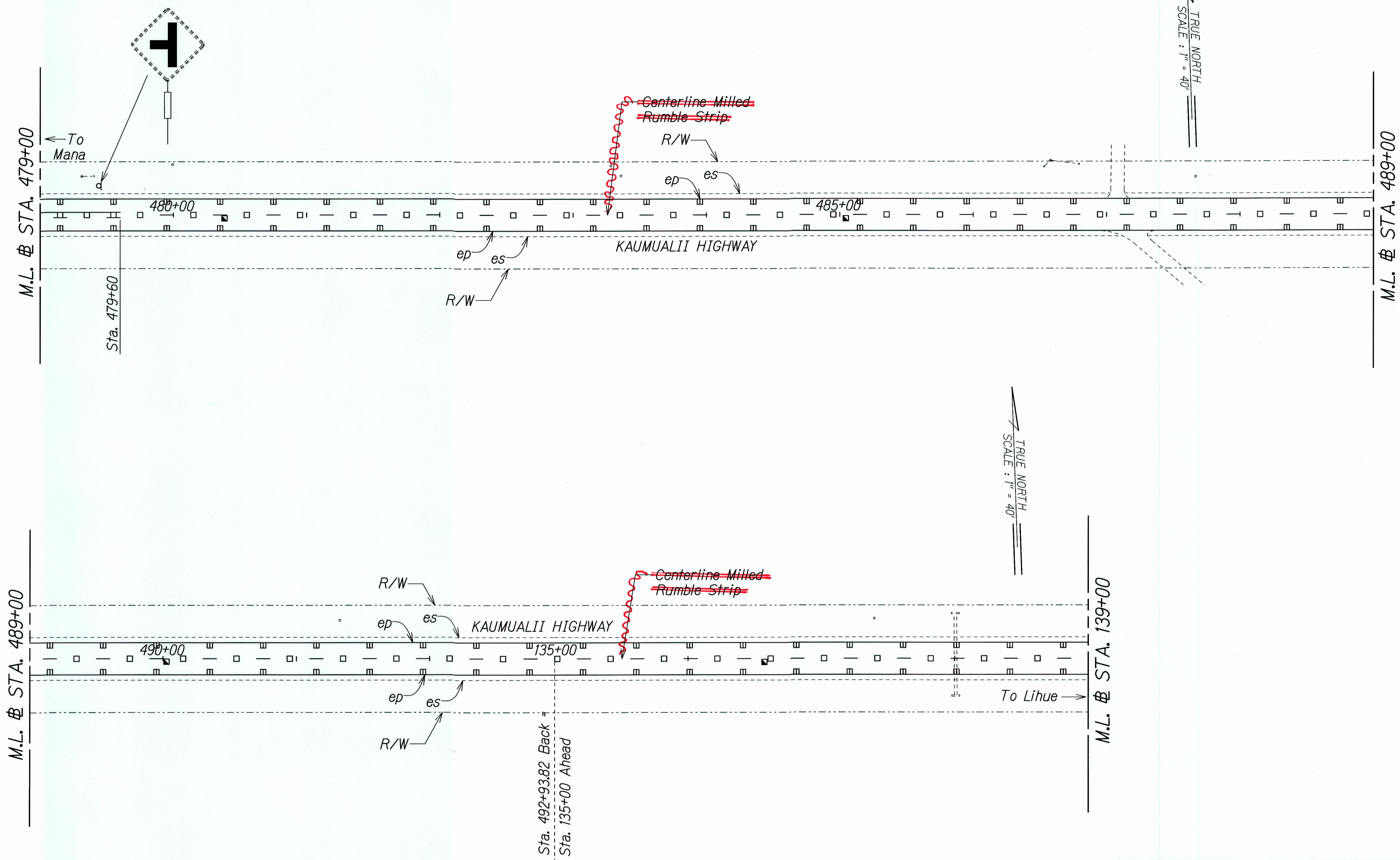
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 18**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE  
Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

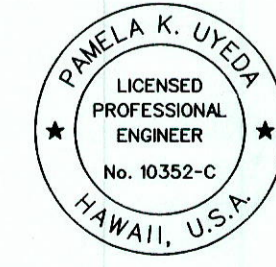


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	55	63



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NO. _____	

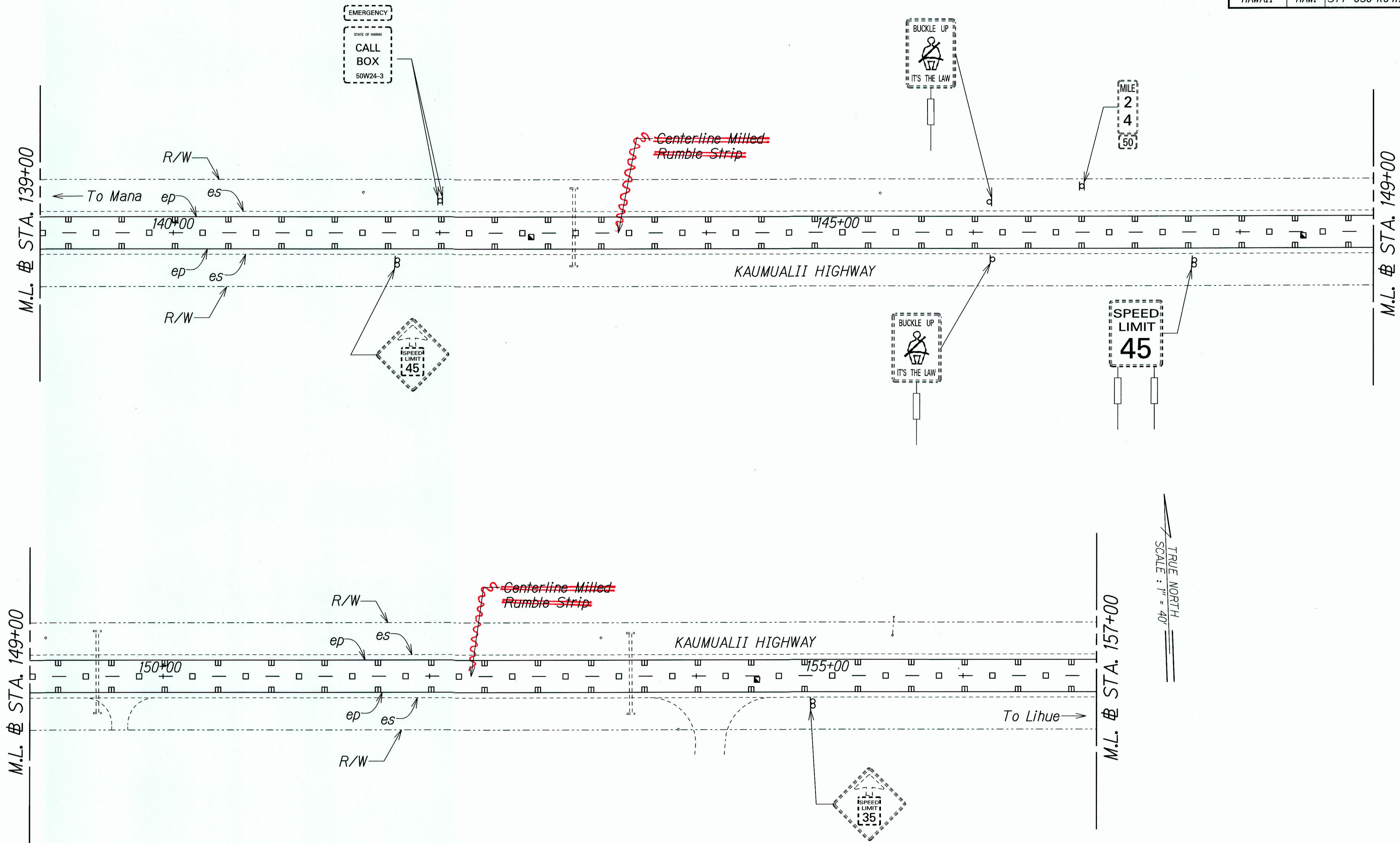
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STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND PAVEMENT MARKING PLAN - 20**  
 KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
 PHASE III - VICINITY OF MANA TO WAIHEA CANYON DRIVE  
 Federal Aid Project No. STP-050-1(041)  
 Scale: 1"=40' Date: Aug. 28, 2014

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	56	63



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
CHECKED BY	
DATE	
NO. _____	

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*P. Uyeda*  
SIGNATURE

04/30/16  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

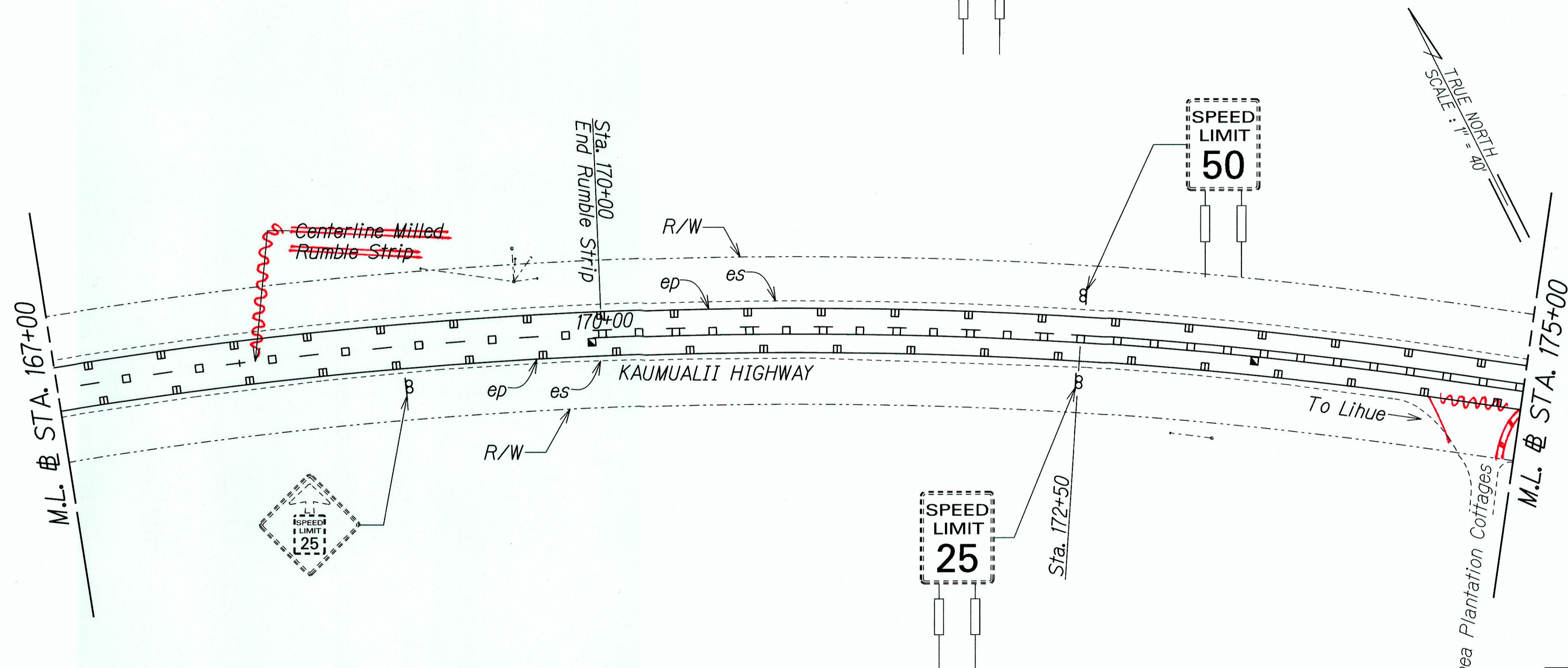
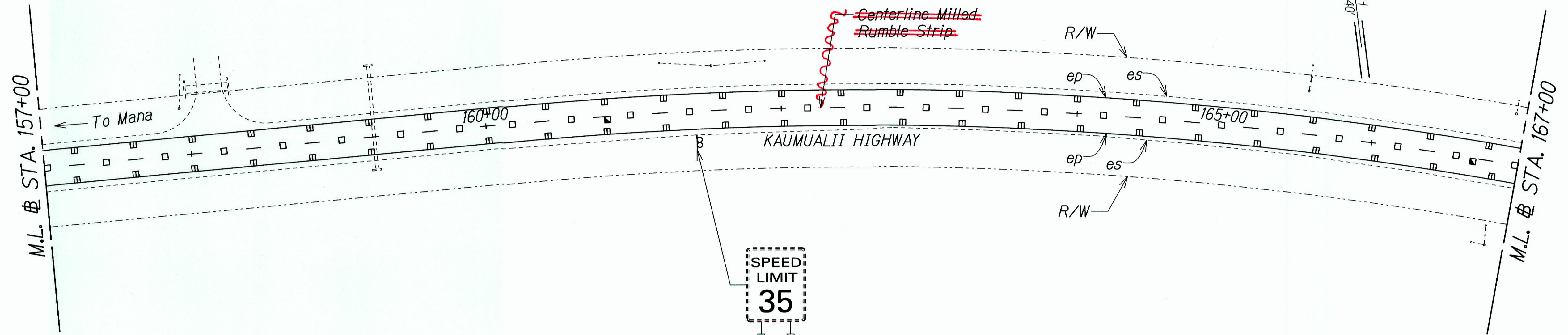
**SIGNING AND PAVEMENT MARKING PLAN - 21**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
PHASE III - VICINITY OF MANA TO WAIWEEA CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
Scale: 1"=40' Date: Aug. 28, 2014

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	57	63



ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
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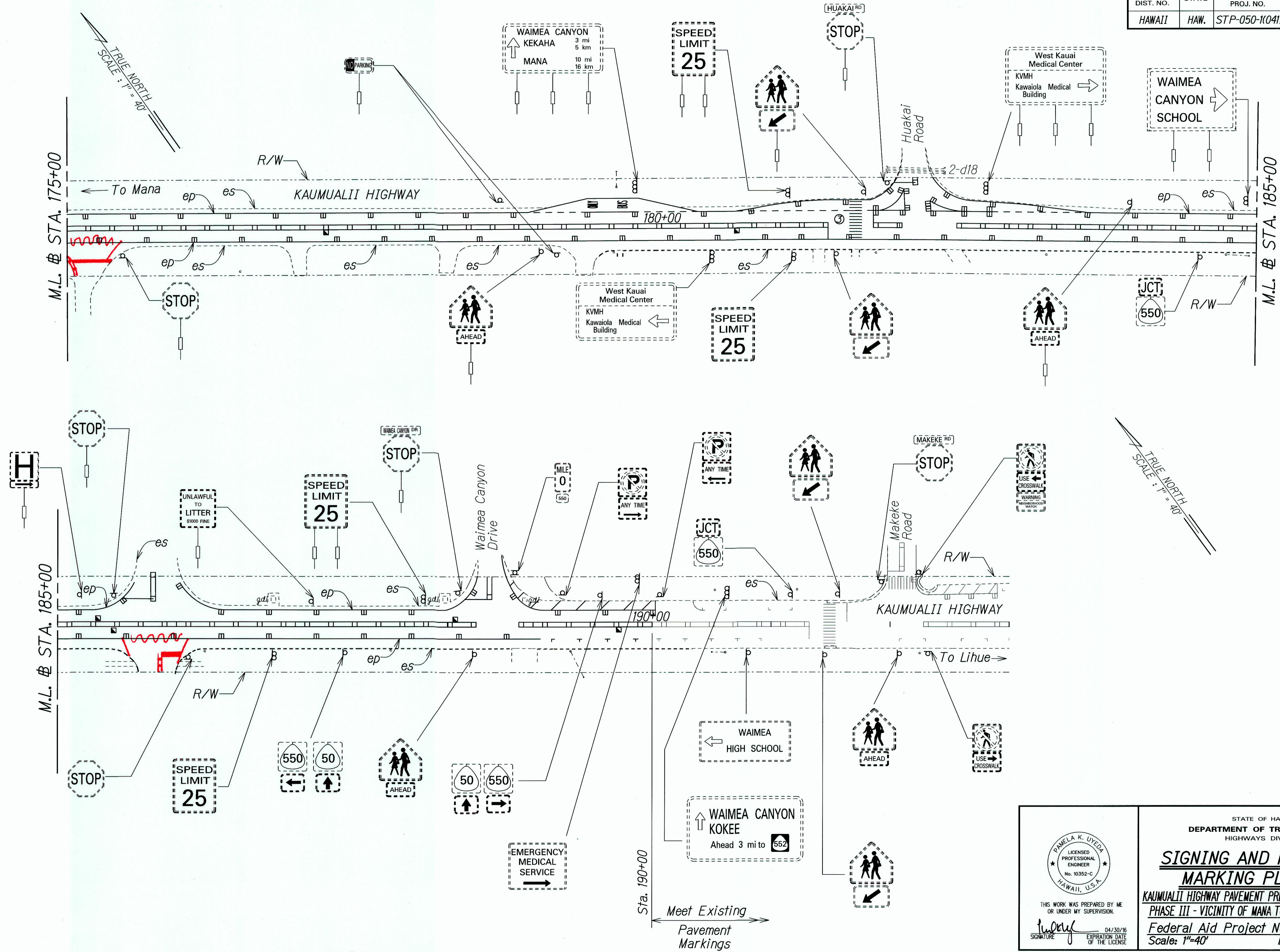
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 Signature: *P. Uyeda*
  
 EXPIRATION DATE OF THE LICENSE: 04/30/16

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND PAVEMENT MARKING PLAN - 22**  
 KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
 PHASE III - VICINITY OF MANA TO WAIMEA CANYON DRIVE  
 Federal Aid Project No. STP-050-1(041)  
 Scale: 1"=40' Date: Aug. 28, 2014

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(041)	2014	58	63



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

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PANELA K. UYEDA  
 LICENSED PROFESSIONAL ENGINEER  
 No. 10352-C  
 HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

*Uyeda*  
 SIGNATURE

04/30/16  
 EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 23**

KAUMUALII HIGHWAY PAVEMENT PREVENTATIVE MAINTENANCE  
 PHASE III - VICINITY OF MANA TO WAIKAI CANYON DRIVE

Federal Aid Project No. STP-050-1(041)  
 Scale: 1"=40' Date: Aug. 28, 2014

Sta. 190+00  
 Meet Existing  
 Pavement Markings

"AS-BUILT"