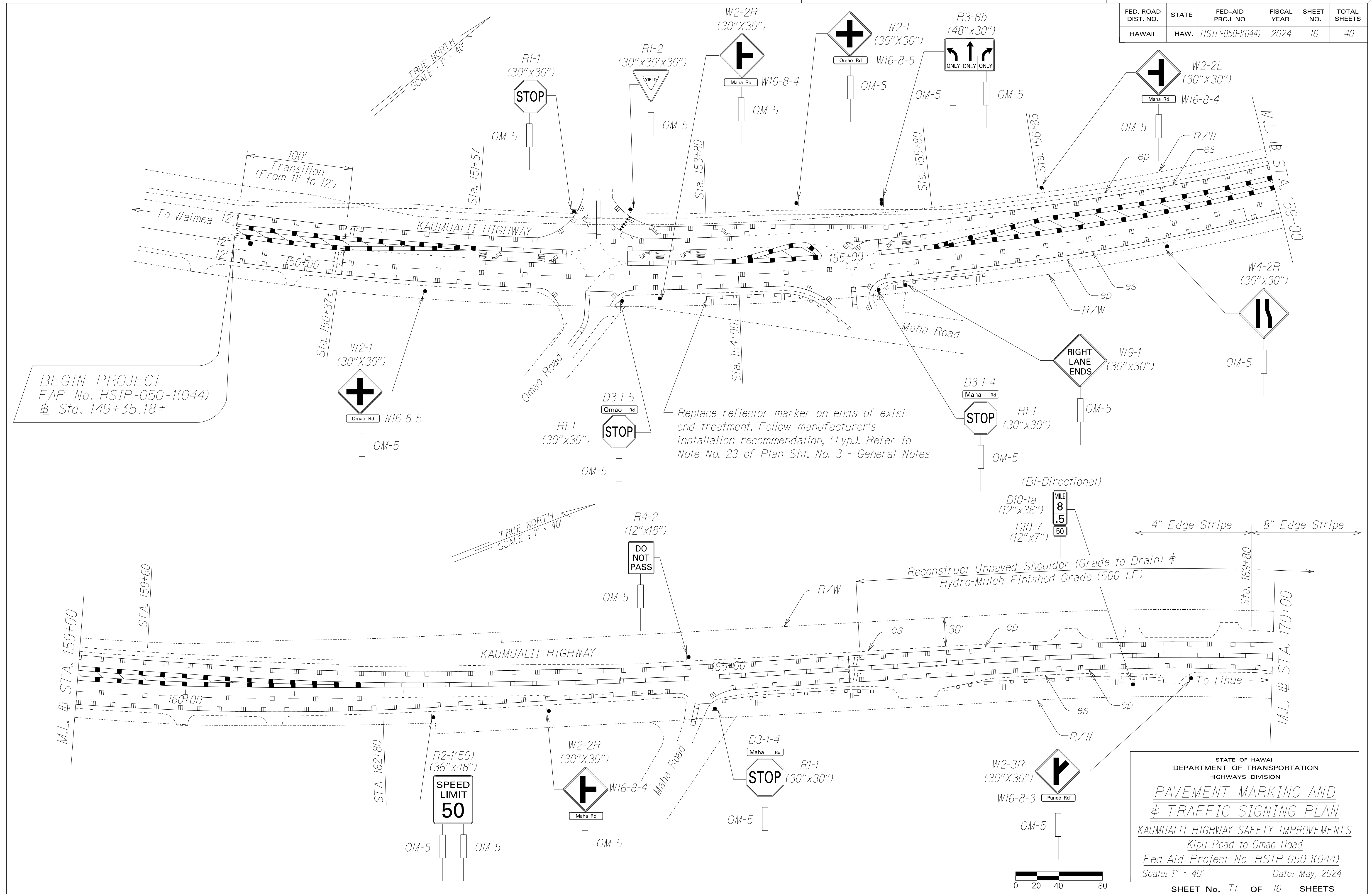


FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	16	40



BEGIN PROJECT
 FAP No. HSIP-050-1(044)
 @ Sta. 149+35.18±

Replace reflector marker on ends of exist. end treatment. Follow manufacturer's installation recommendation, (Typ.). Refer to Note No. 23 of Plan Sht. No. 3 - General Notes

Reconstruct Unpaved Shoulder (Grade to Drain) & Hydro-Mulch Finished Grade (500 LF)

4" Edge Stripe 8" Edge Stripe

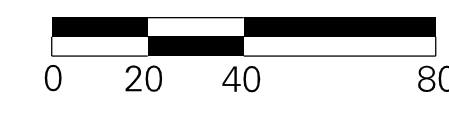
ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

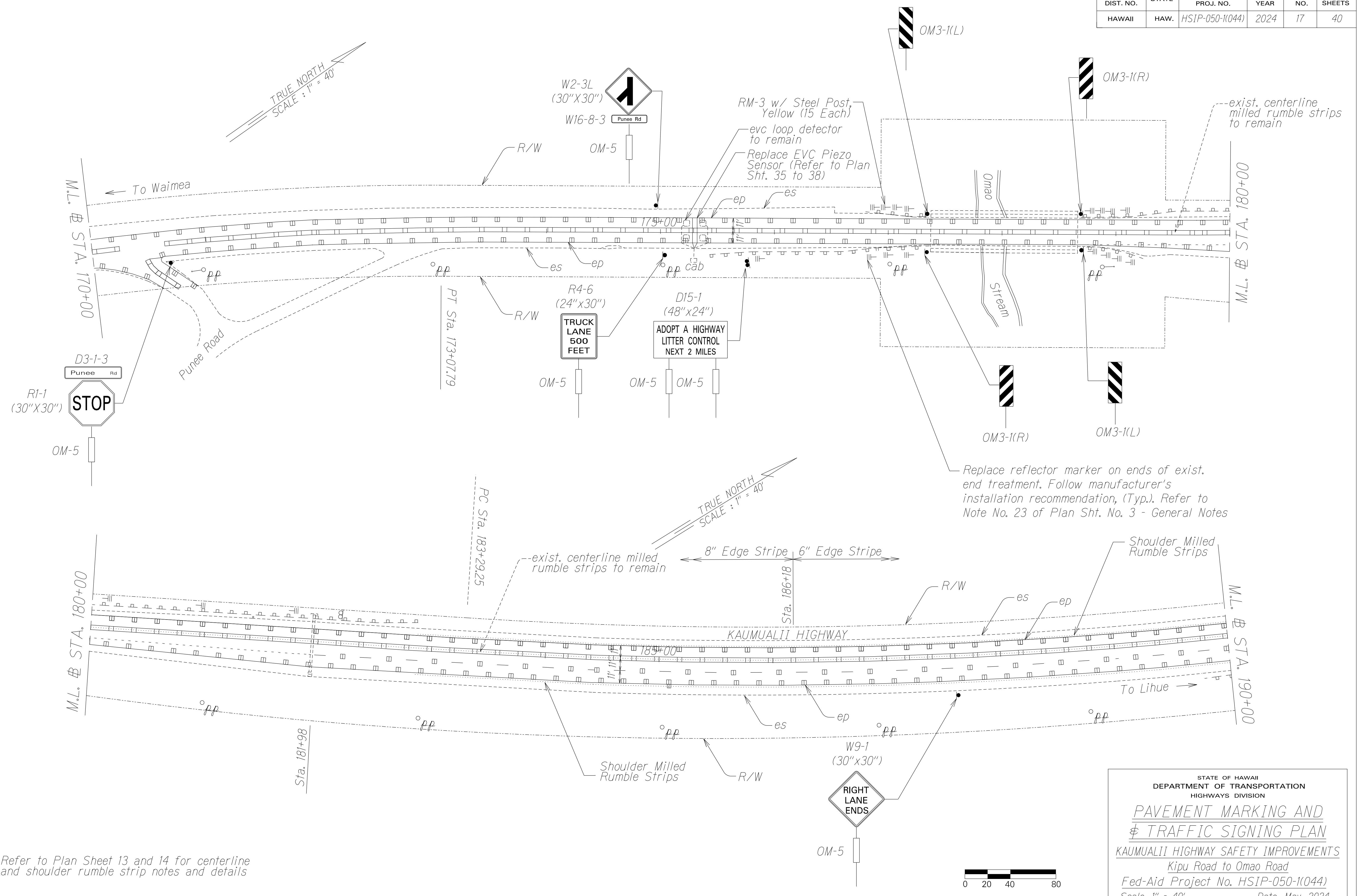
PAVEMENT MARKING AND TRAFFIC SIGNING PLAN

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
 Kipu Road to Omao Road
 Fed-Aid Project No. HSIP-050-1(044)
 Scale: 1" = 40' Date: May, 2024

SHEET No. T1 OF 16 SHEETS



FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	17	40



Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details

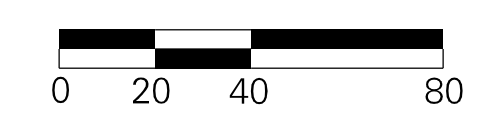
ORIGINAL PLAN	DATE
DESIGNED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

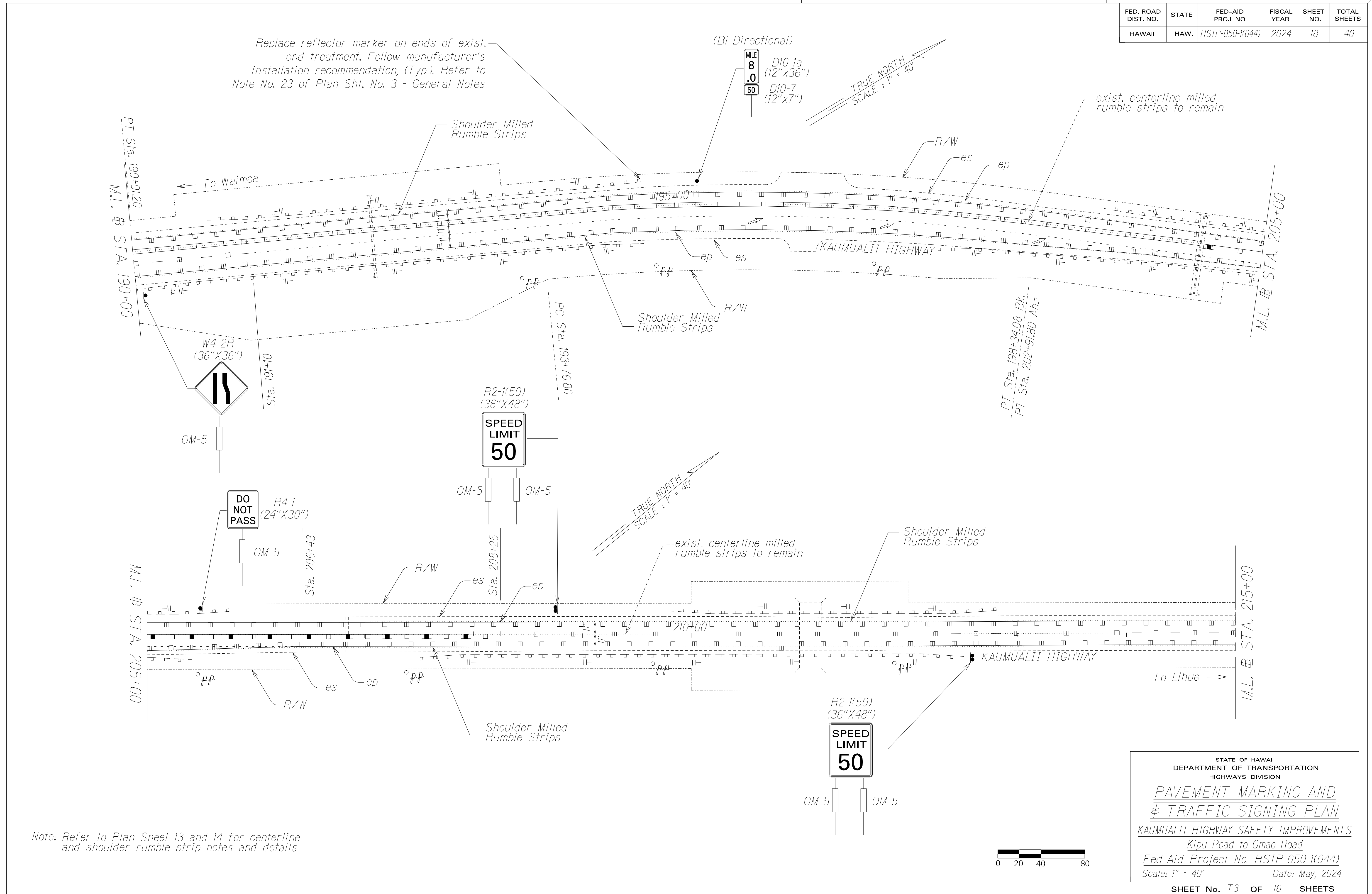
**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T2 OF 16 SHEETS



FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	18	40



Replace reflector marker on ends of exist. end treatment. Follow manufacturer's installation recommendation, (Typ.). Refer to Note No. 23 of Plan Sht. No. 3 - General Notes

(Bi-Directional)

TRUE NORTH
SCALE : 1" = 40'

exist. centerline milled rumble strips to remain

W4-2R
(36"X36")

OM-5

DO NOT PASS
R4-1
(24"X30")

OM-5

R2-1(50)
(36"X48")

SPEED LIMIT
50

OM-5

OM-5

TRUE NORTH
SCALE : 1" = 40'

exist. centerline milled rumble strips to remain

Shoulder Milled Rumble Strips

pp

es

ep

R/W

Shoulder Milled Rumble Strips

R2-1(50)
(36"X48")

SPEED LIMIT
50

OM-5

OM-5



Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

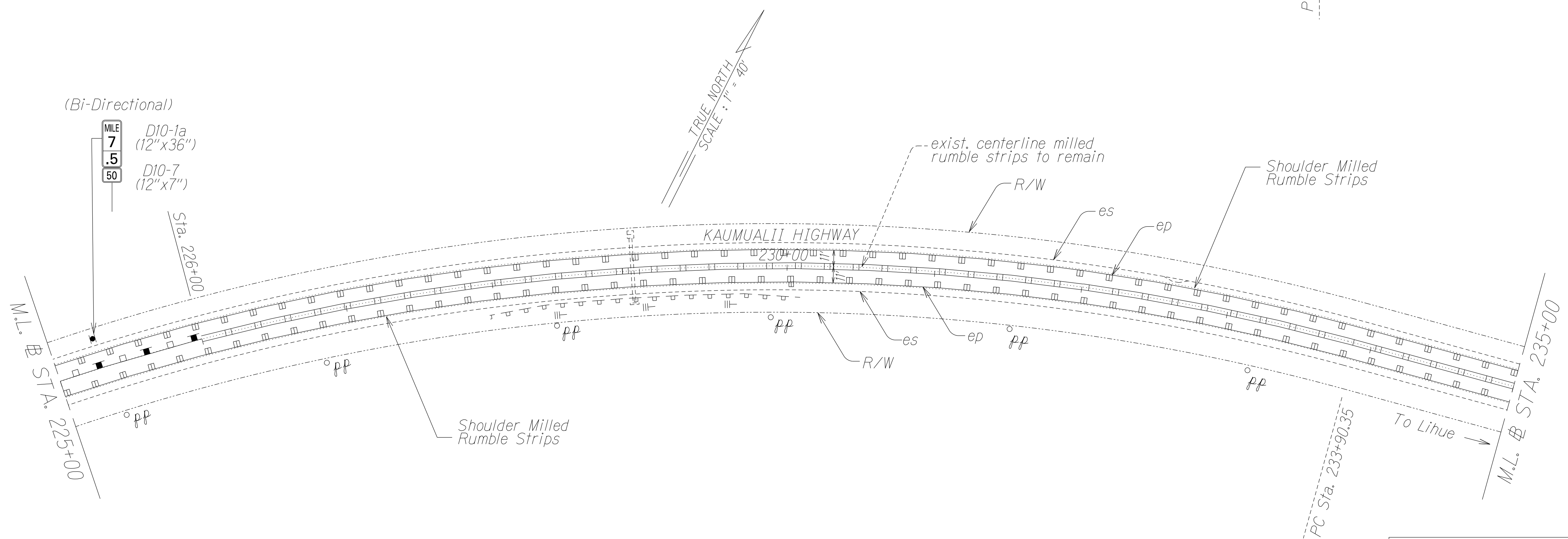
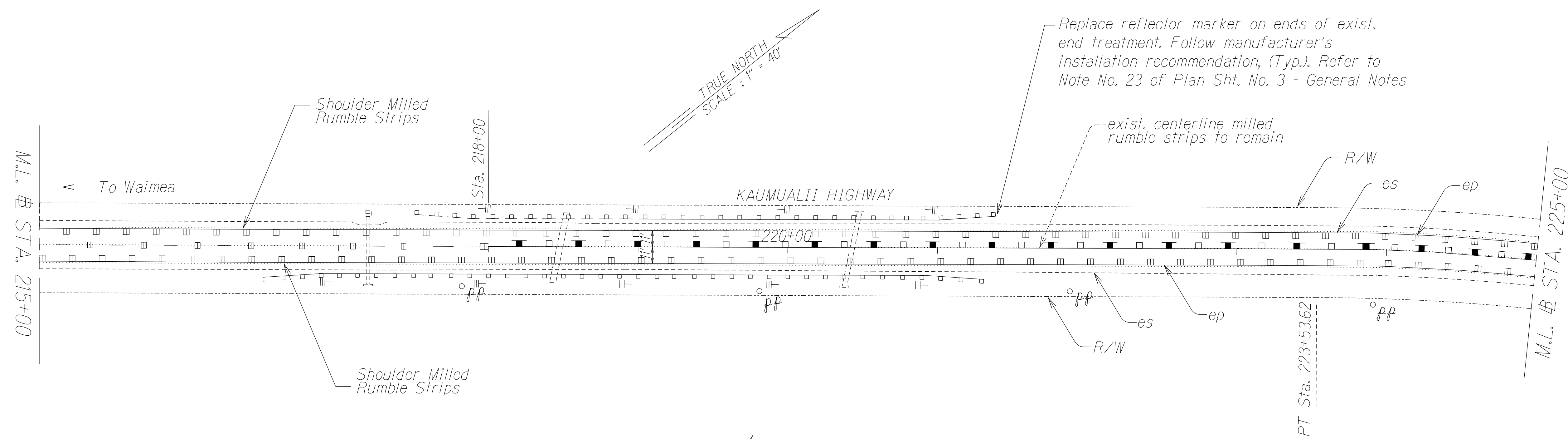
**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T3 OF 16 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	19	40



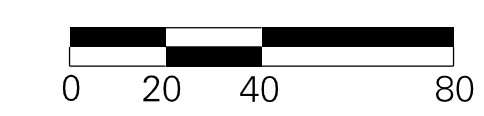
(Bi-Directional)

MILE 7
7.5
50

D10-1a (12"x36")
D10-7 (12"x7")

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
QUANTITIES BY	CHECKED BY	
N.		

Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details



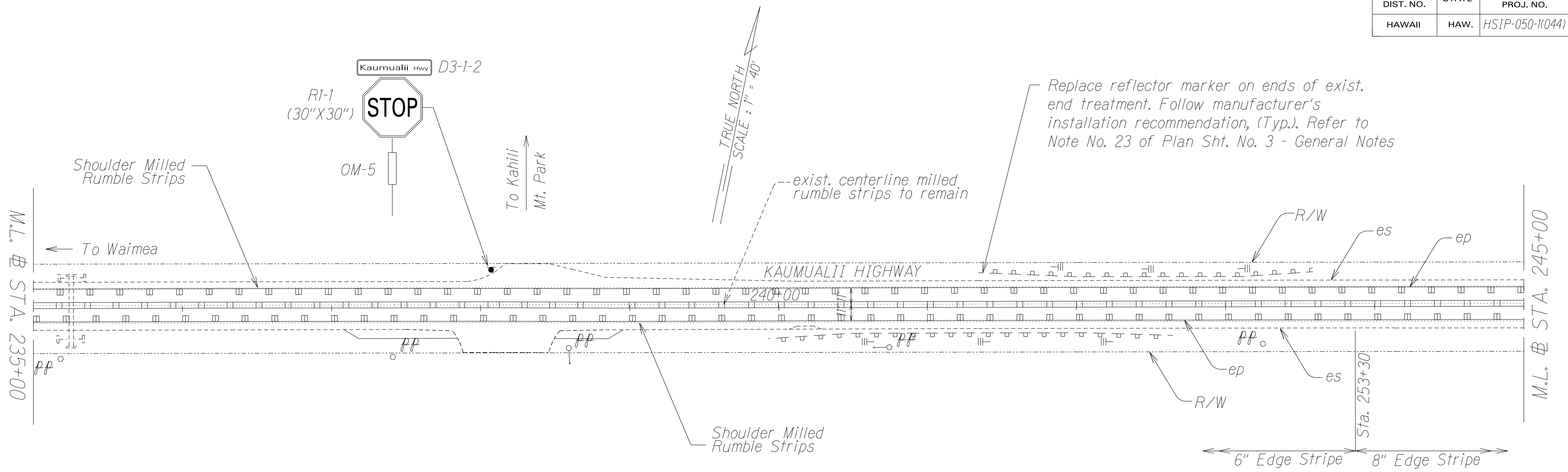
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

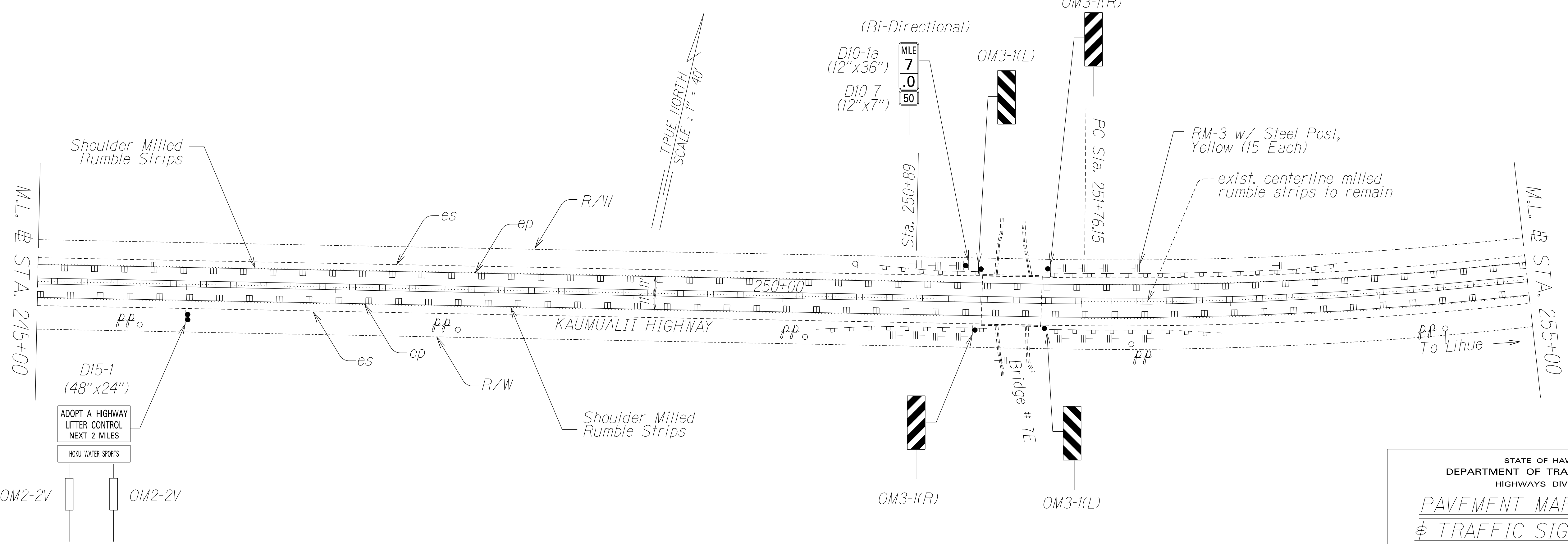
KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T4 OF 16 SHEETS

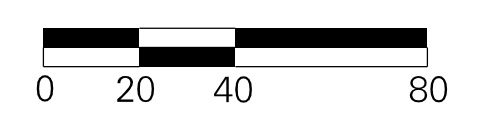
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	20	40



Replace reflector marker on ends of exist. end treatment. Follow manufacturer's installation recommendation, (Typ.). Refer to Note No. 23 of Plan Sht. No. 3 - General Notes



Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details



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

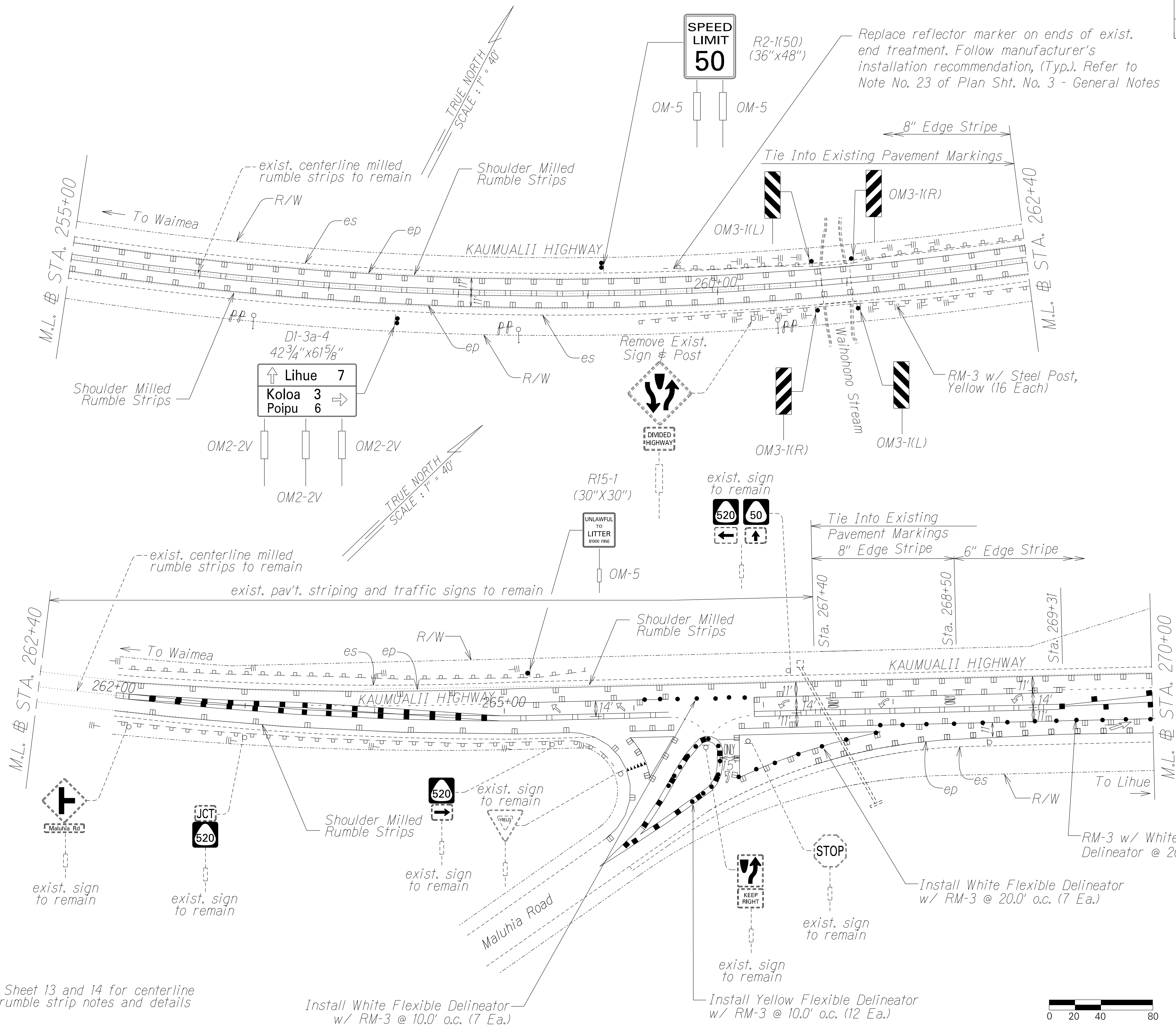
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T5 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	21	40



Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details

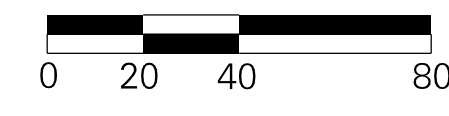
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

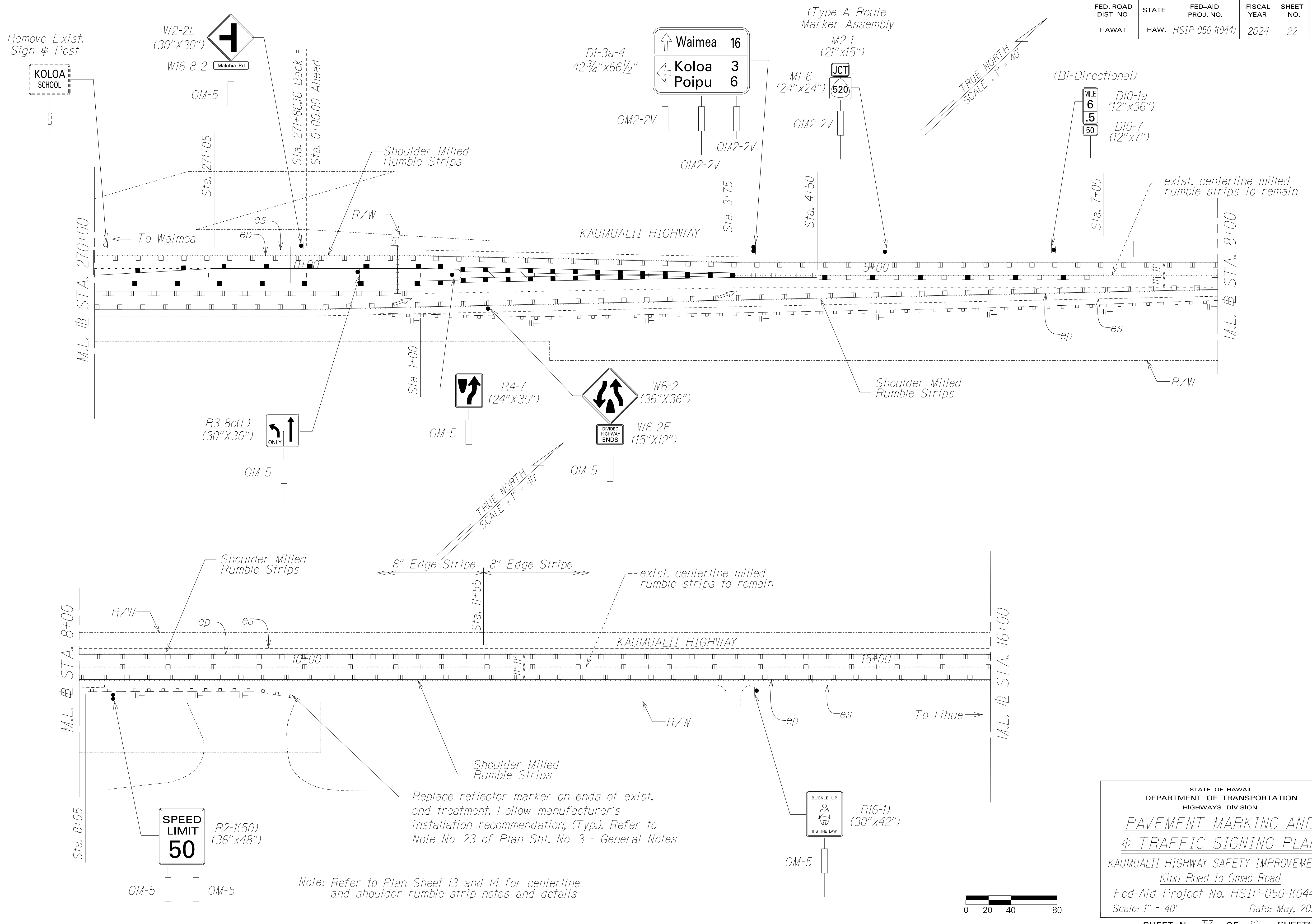
**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T6 OF 16 SHEETS



FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	22	40



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

Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details

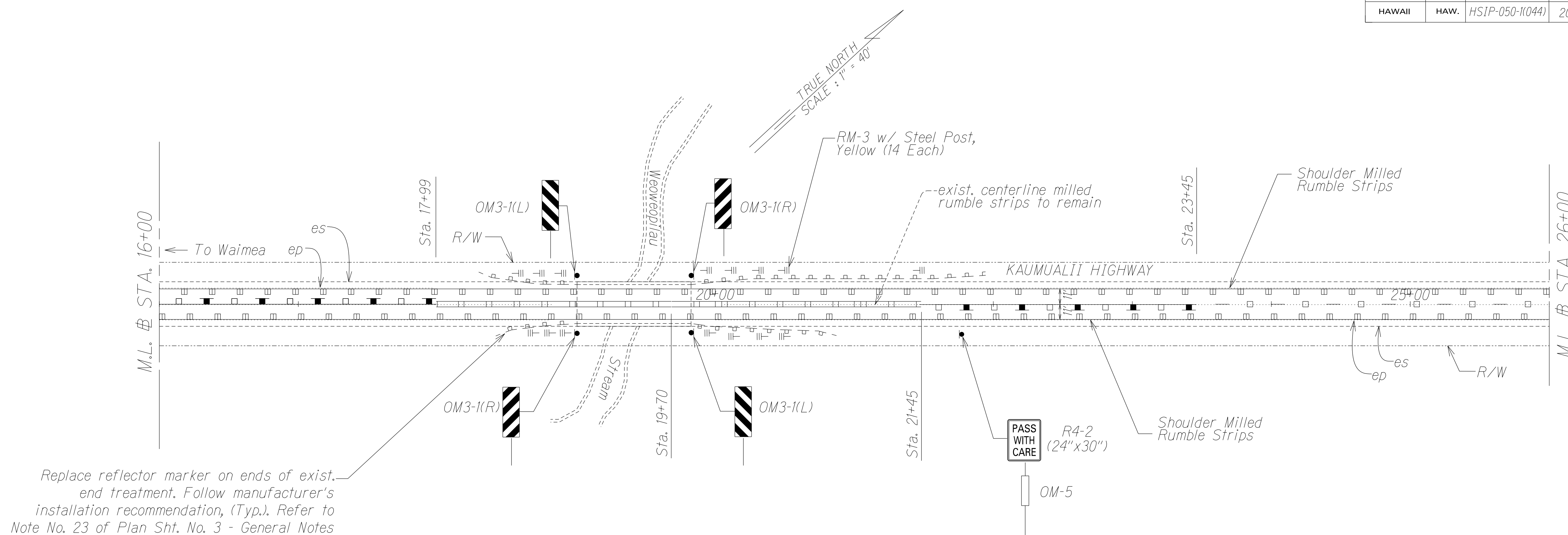
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

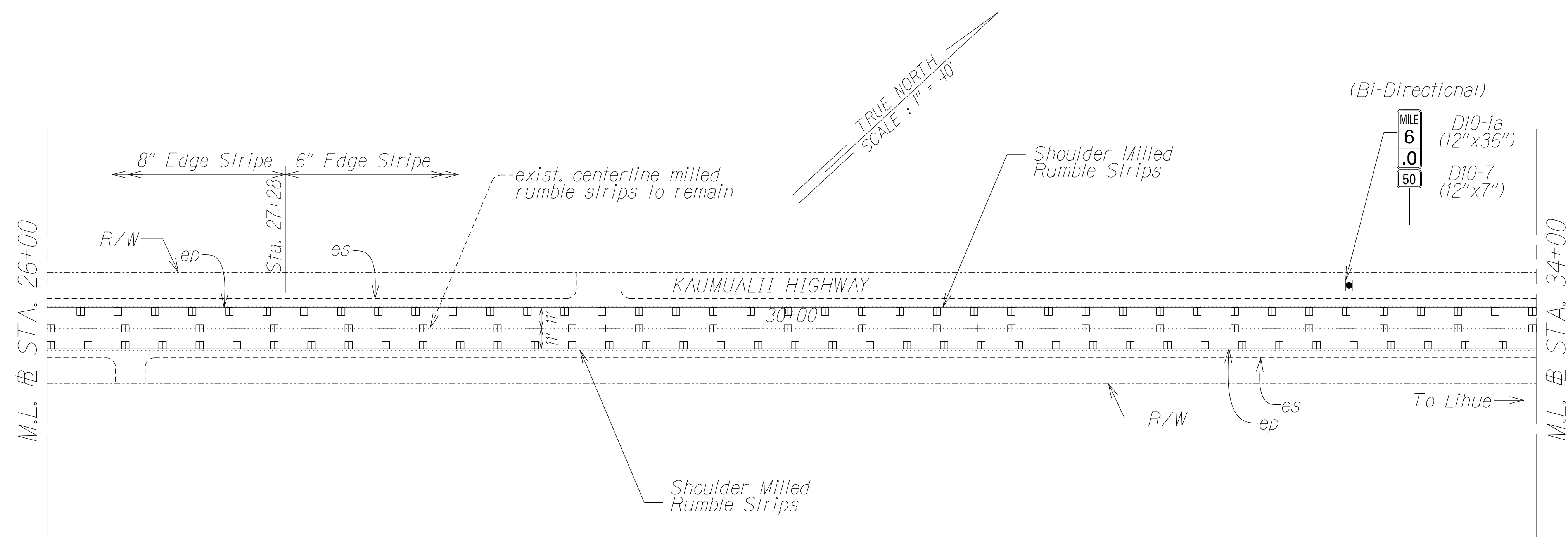
KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T7 OF 16 SHEETS

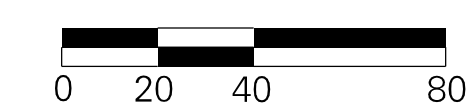
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	23	40



Replace reflector marker on ends of exist. end treatment. Follow manufacturer's installation recommendation, (Typ.). Refer to Note No. 23 of Plan Sht. No. 3 - General Notes



Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details



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

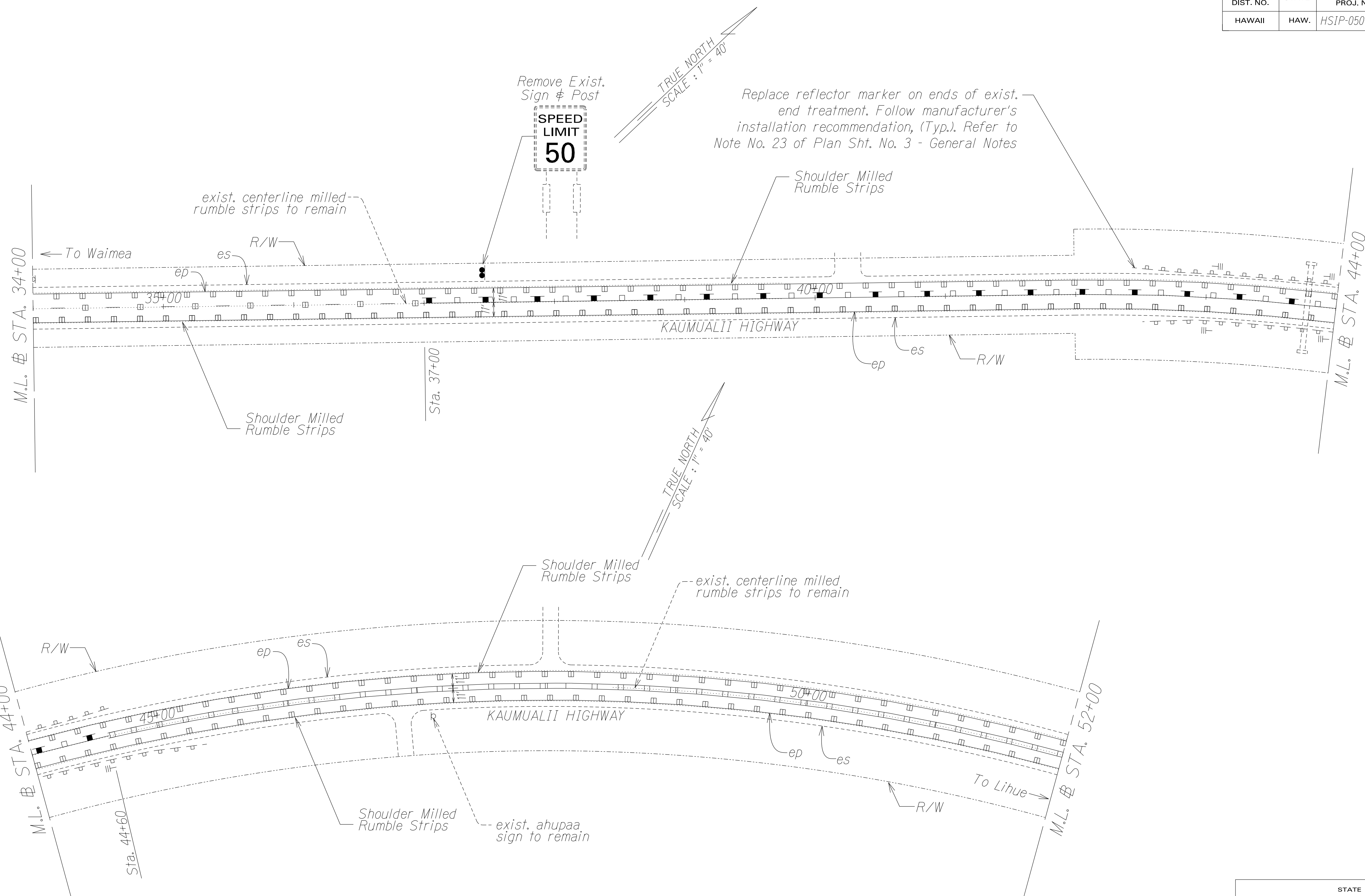
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

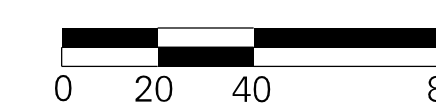
SHEET No. T8 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	24	40



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

Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details



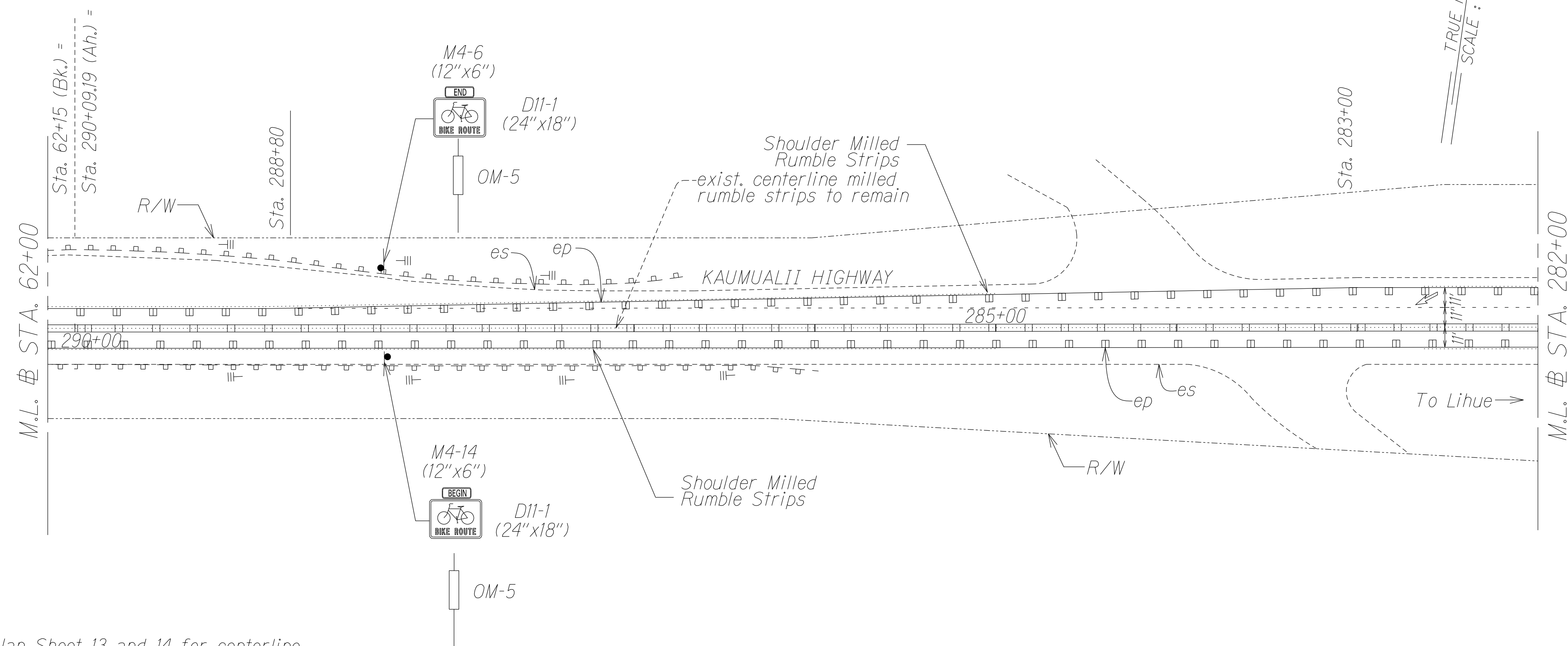
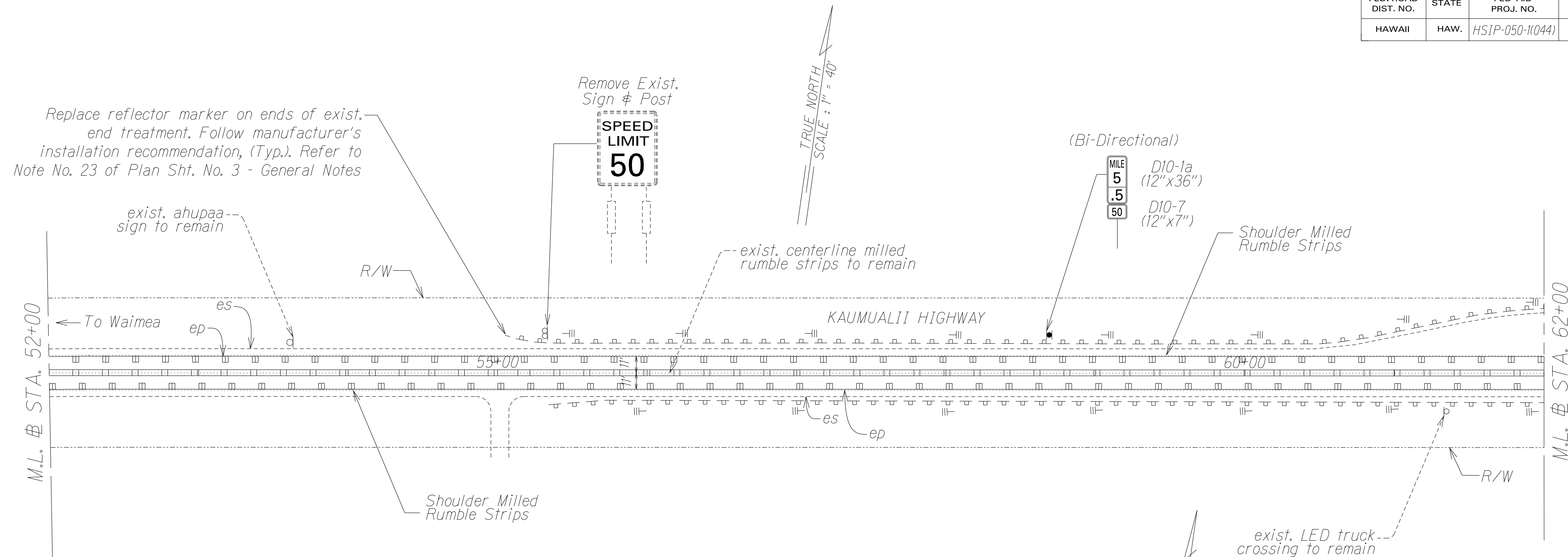
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

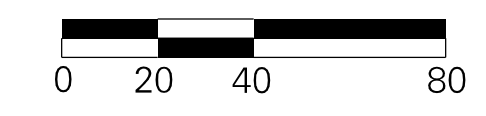
KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T9 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	25	40



Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details



ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

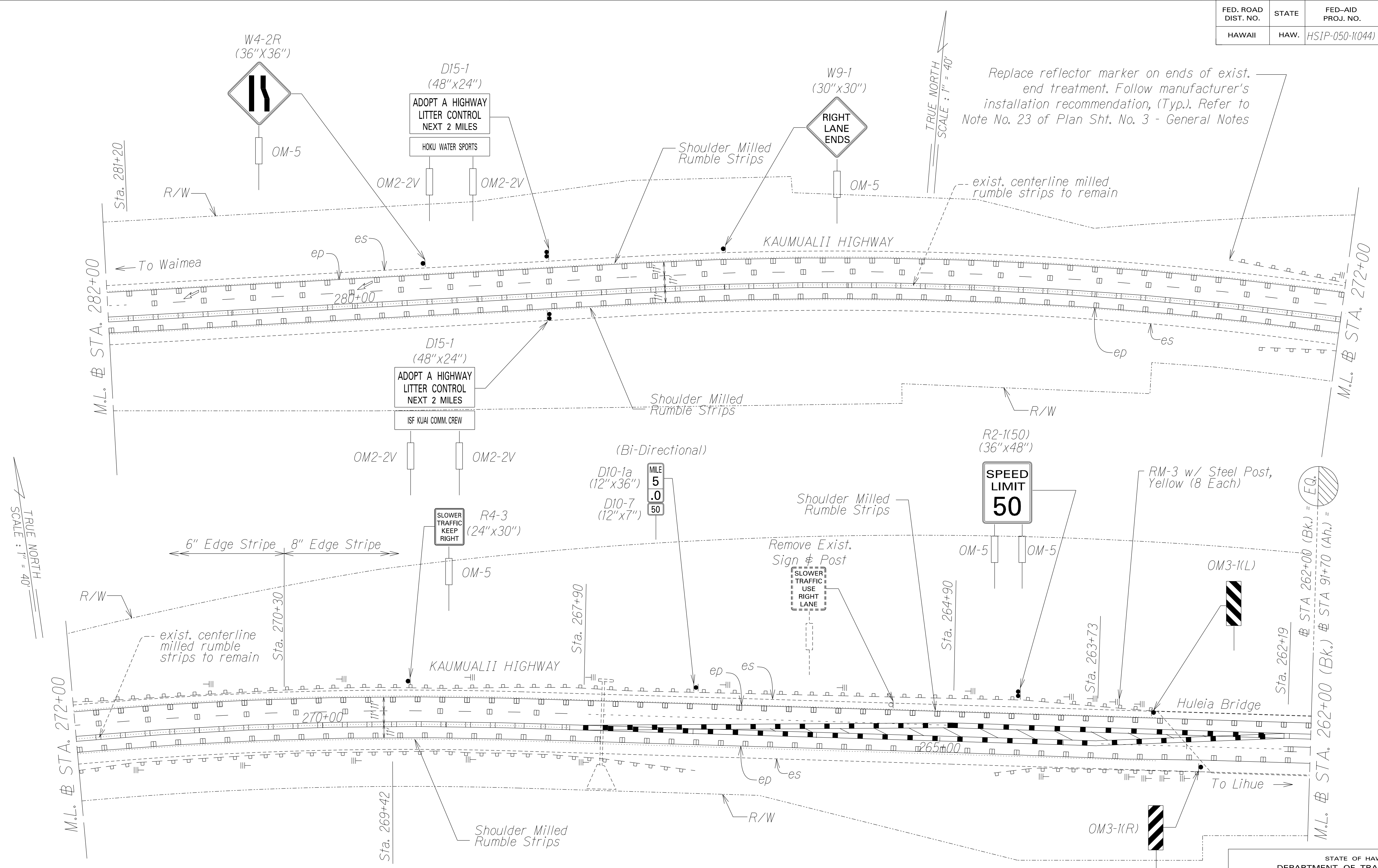
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T10 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	26	40



Replace reflector marker on ends of exist. end treatment. Follow manufacturer's installation recommendation, (Typ.). Refer to Note No. 23 of Plan Sht. No. 3 - General Notes

TRUE NORTH
SCALE: 1" = 40'

Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details

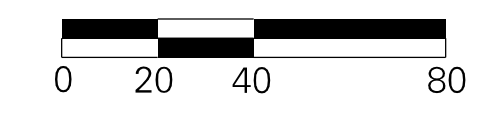
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

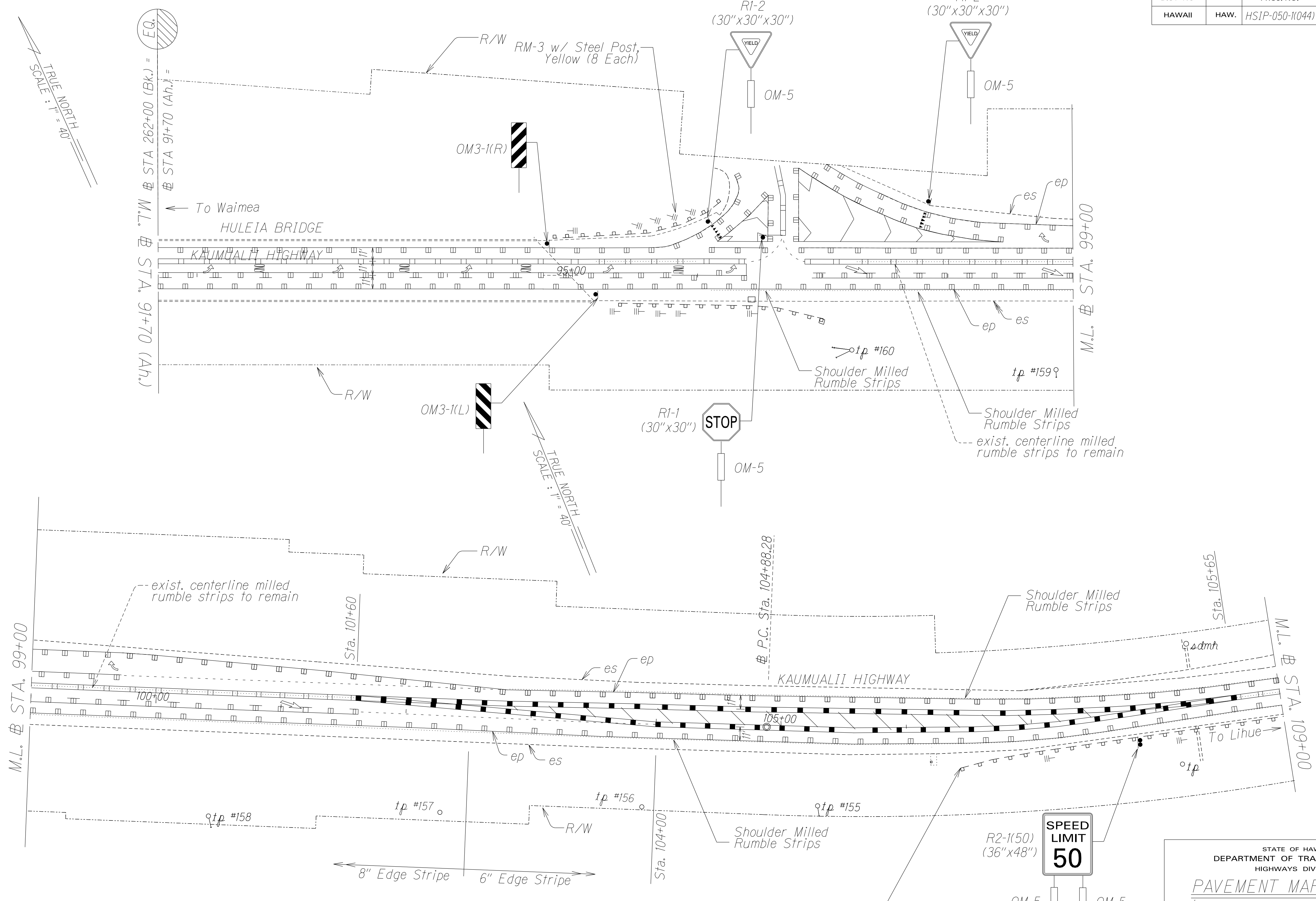
**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T11 OF 16 SHEETS



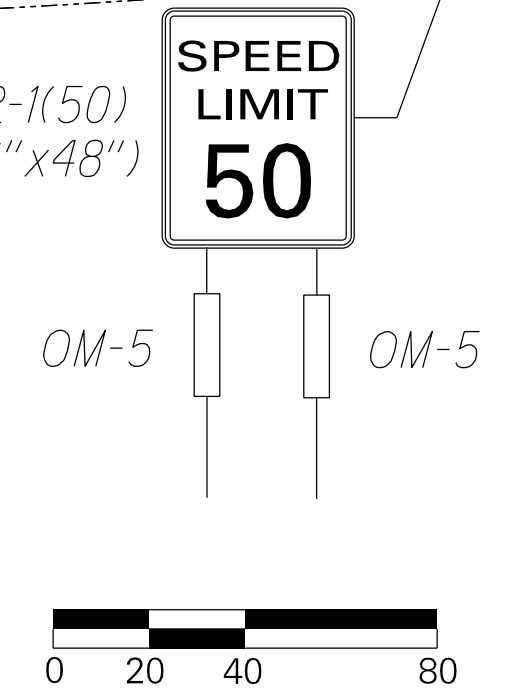
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	27	40



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

Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details

Replace reflector marker on ends of exist. end treatment. Follow manufacturer's installation recommendation, (Typ.). Refer to Note No. 23 of Plan Sht. No. 3 - General Notes



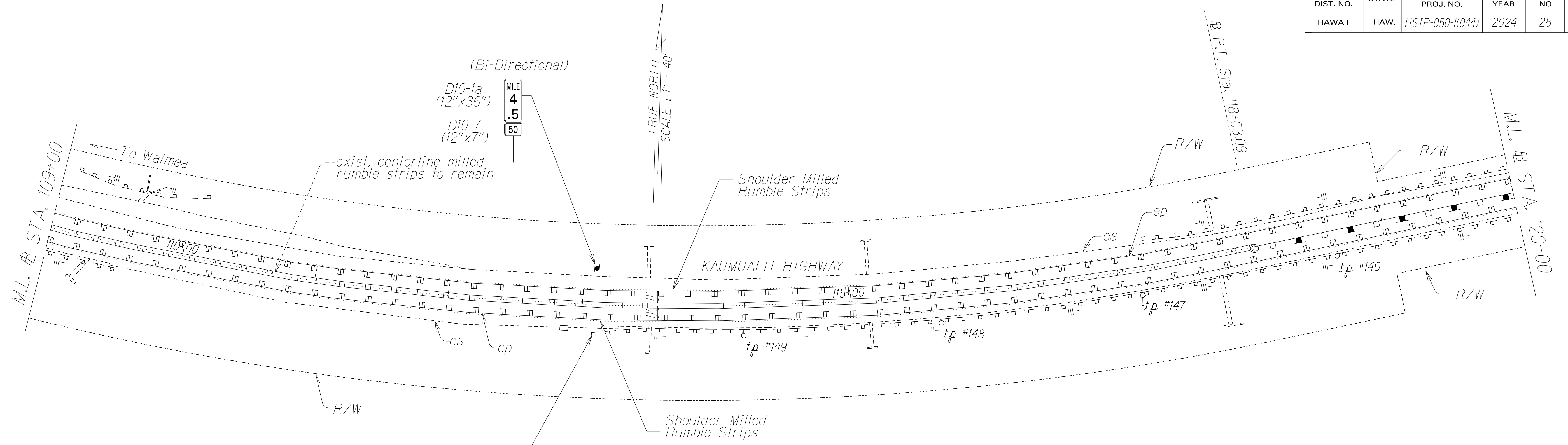
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

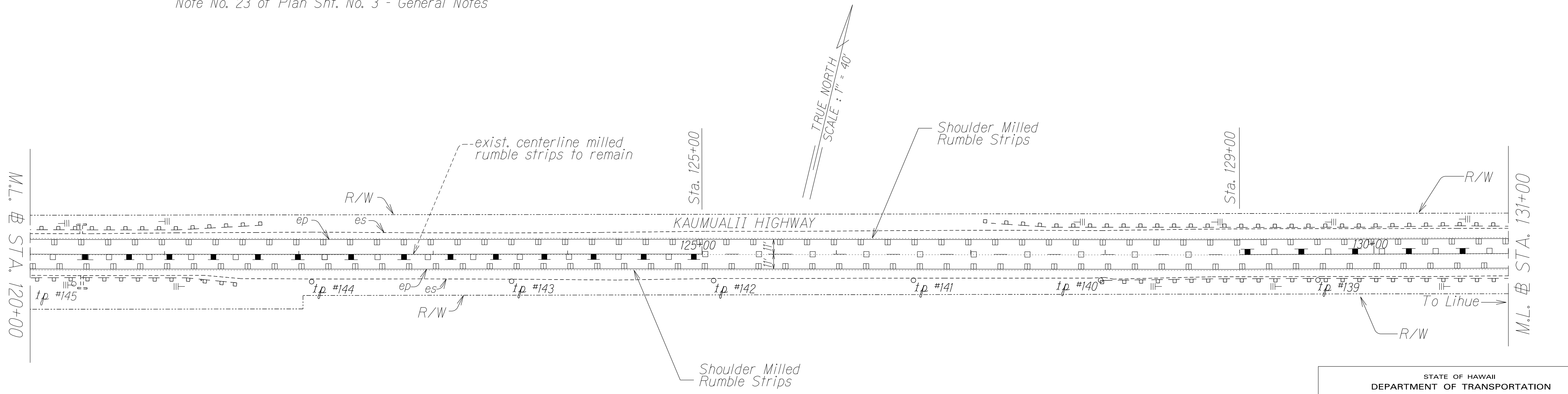
KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T12 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	28	40

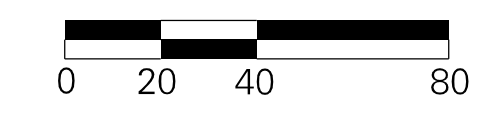


Replace reflector marker on ends of exist. end treatment. Follow manufacturer's installation recommendation, (Typ.). Refer to Note No. 23 of Plan Sht. No. 3 - General Notes



Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details

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



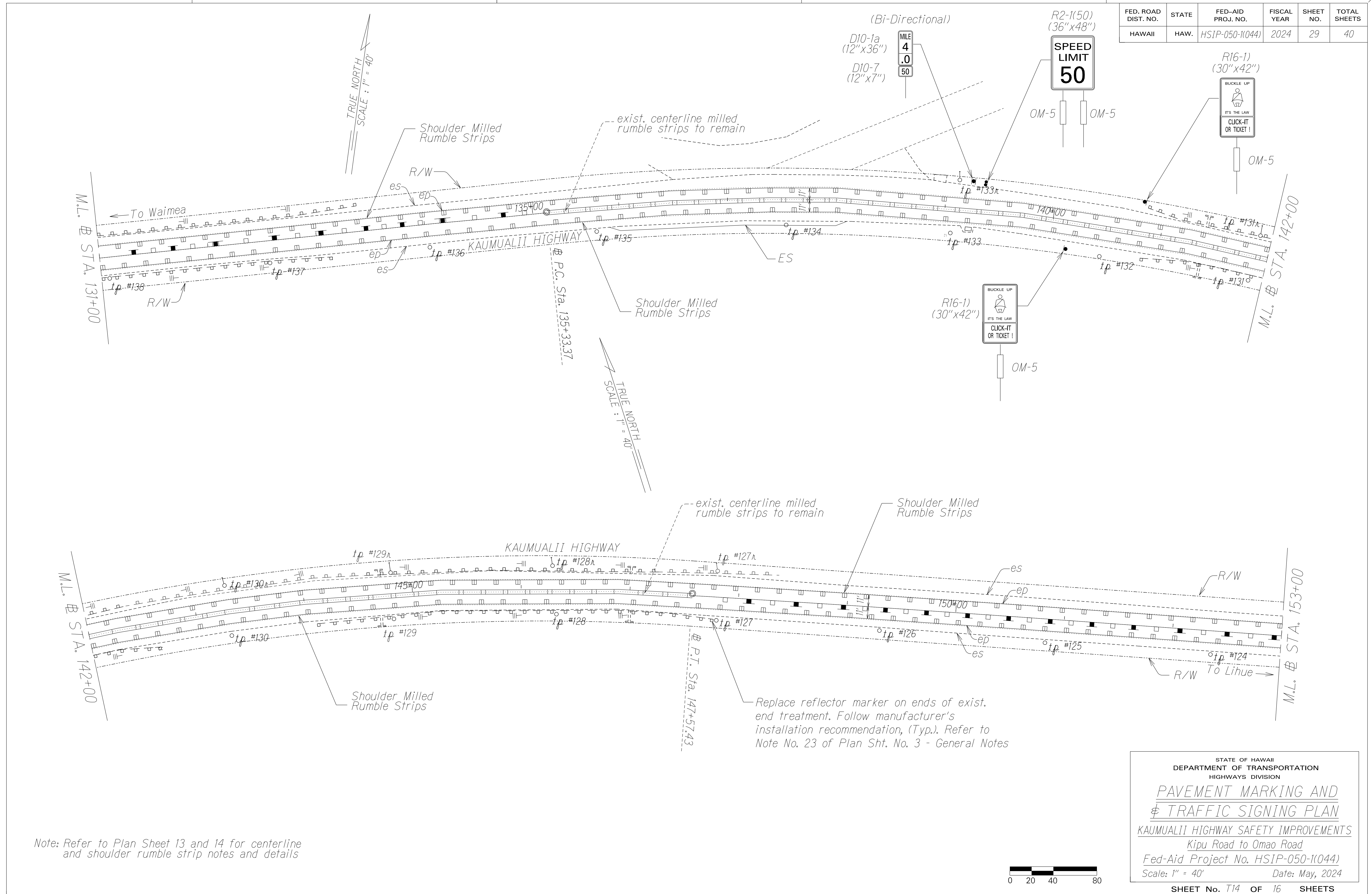
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T13 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	29	40



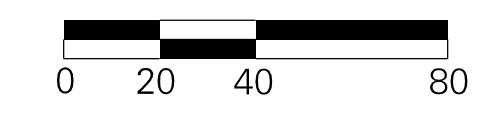
TRUE NORTH
SCALE: 1" = 40'

TRUE NORTH
SCALE: 1" = 40'

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

Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details

Replace reflector marker on ends of exist. end treatment. Follow manufacturer's installation recommendation, (Typ.). Refer to Note No. 23 of Plan Sht. No. 3 - General Notes



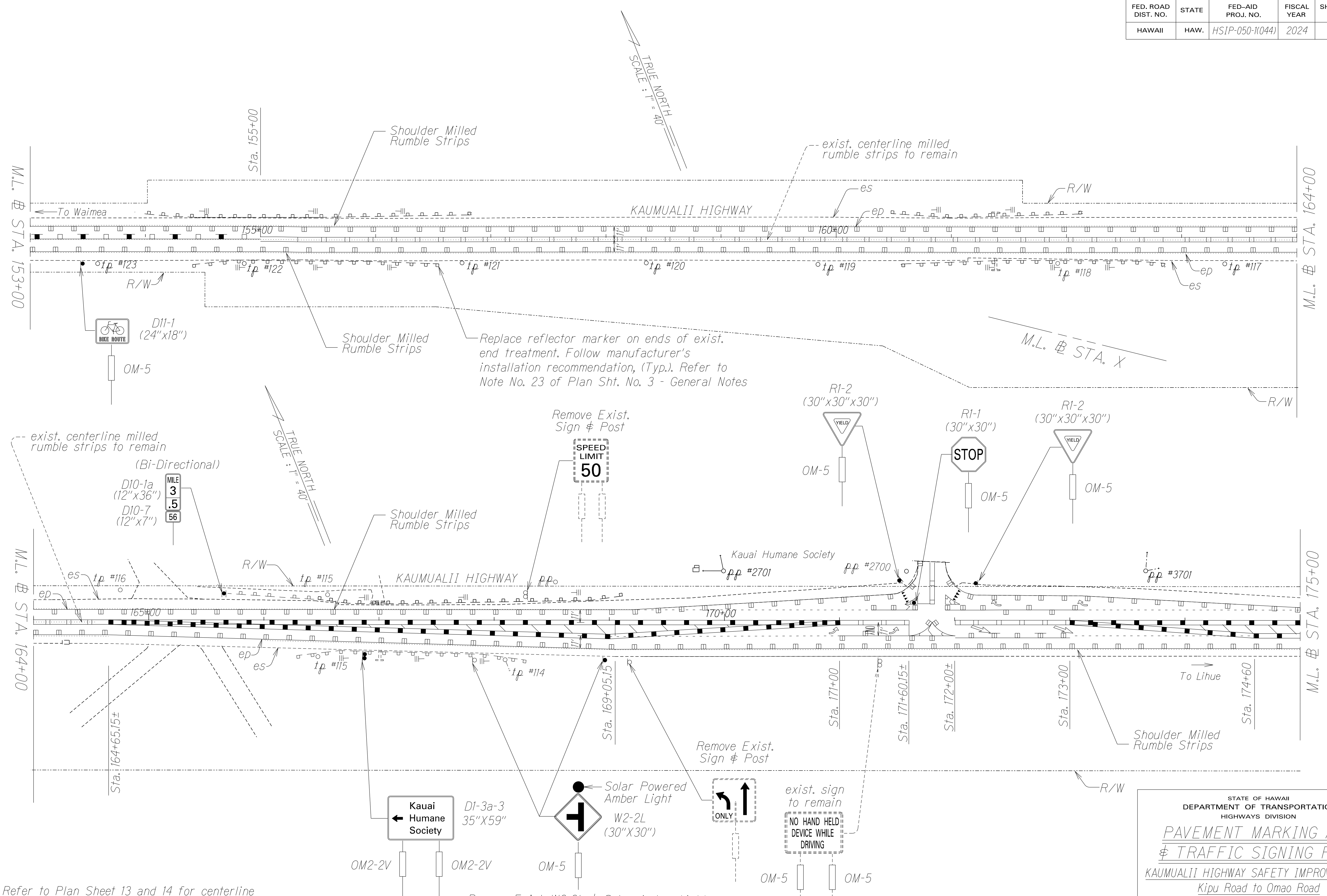
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

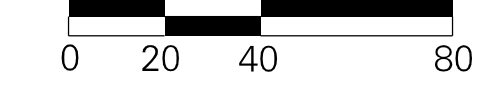
SHEET No. T14 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	30	40



Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details

-Remove Exist. W2-2L & Solar Amber Light
 -Install New W2-2L Sign & Reinstall Exist Solar Amber Light on 2 1/2" Post



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

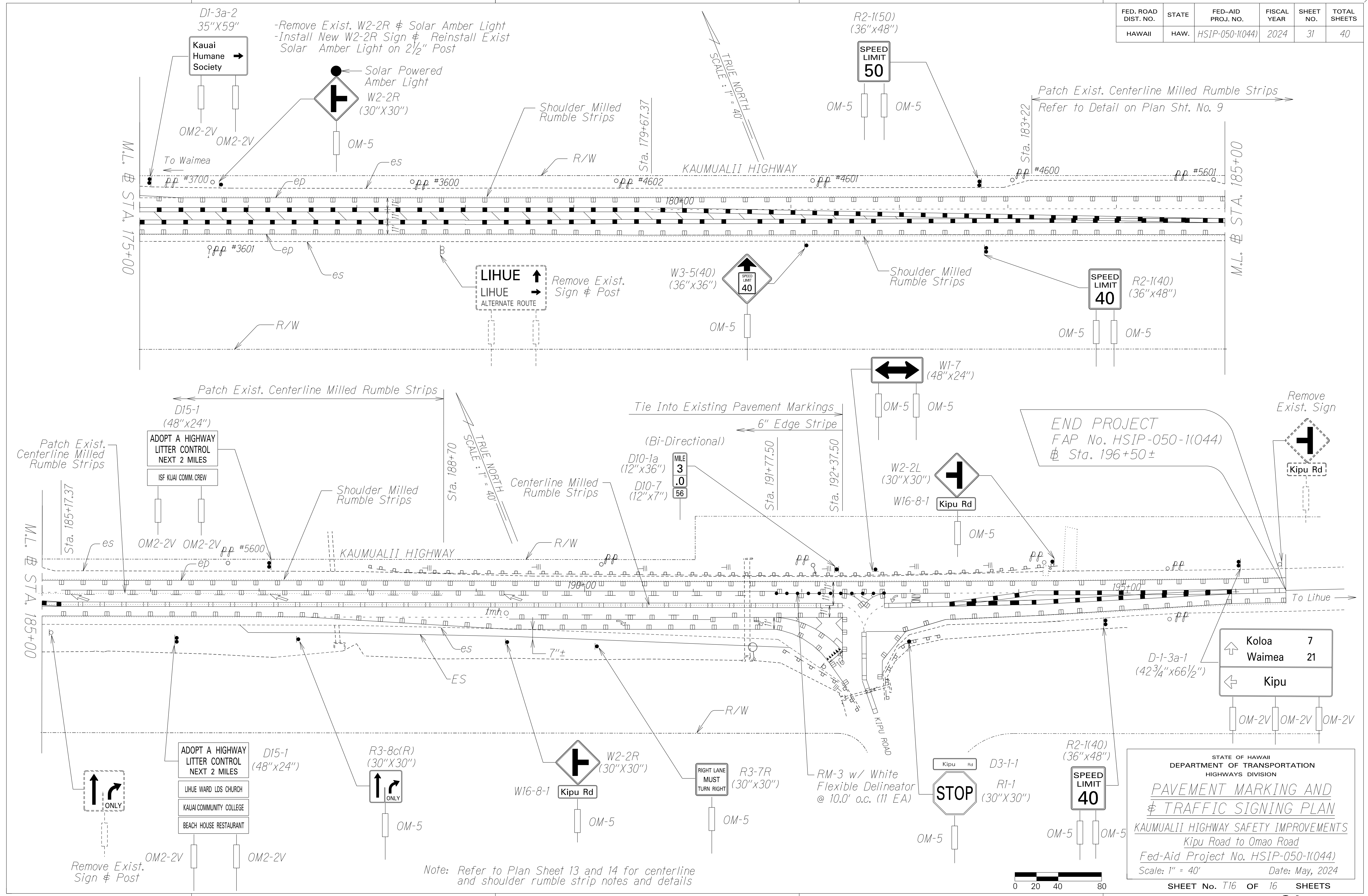
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**PAVEMENT MARKING AND
 TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
 Kipu Road to Omao Road
 Fed-Aid Project No. HSIP-050-1(044)
 Scale: 1" = 40' Date: May, 2024

SHEET No. 115 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-050-1(044)	2024	31	40



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING AND
TRAFFIC SIGNING PLAN**

KAUMUALII HIGHWAY SAFETY IMPROVEMENTS
Kipu Road to Omao Road
Fed-Aid Project No. HSIP-050-1(044)
Scale: 1" = 40' Date: May, 2024

SHEET No. T16 OF 16 SHEETS

Note: Refer to Plan Sheet 13 and 14 for centerline and shoulder rumble strip notes and details

