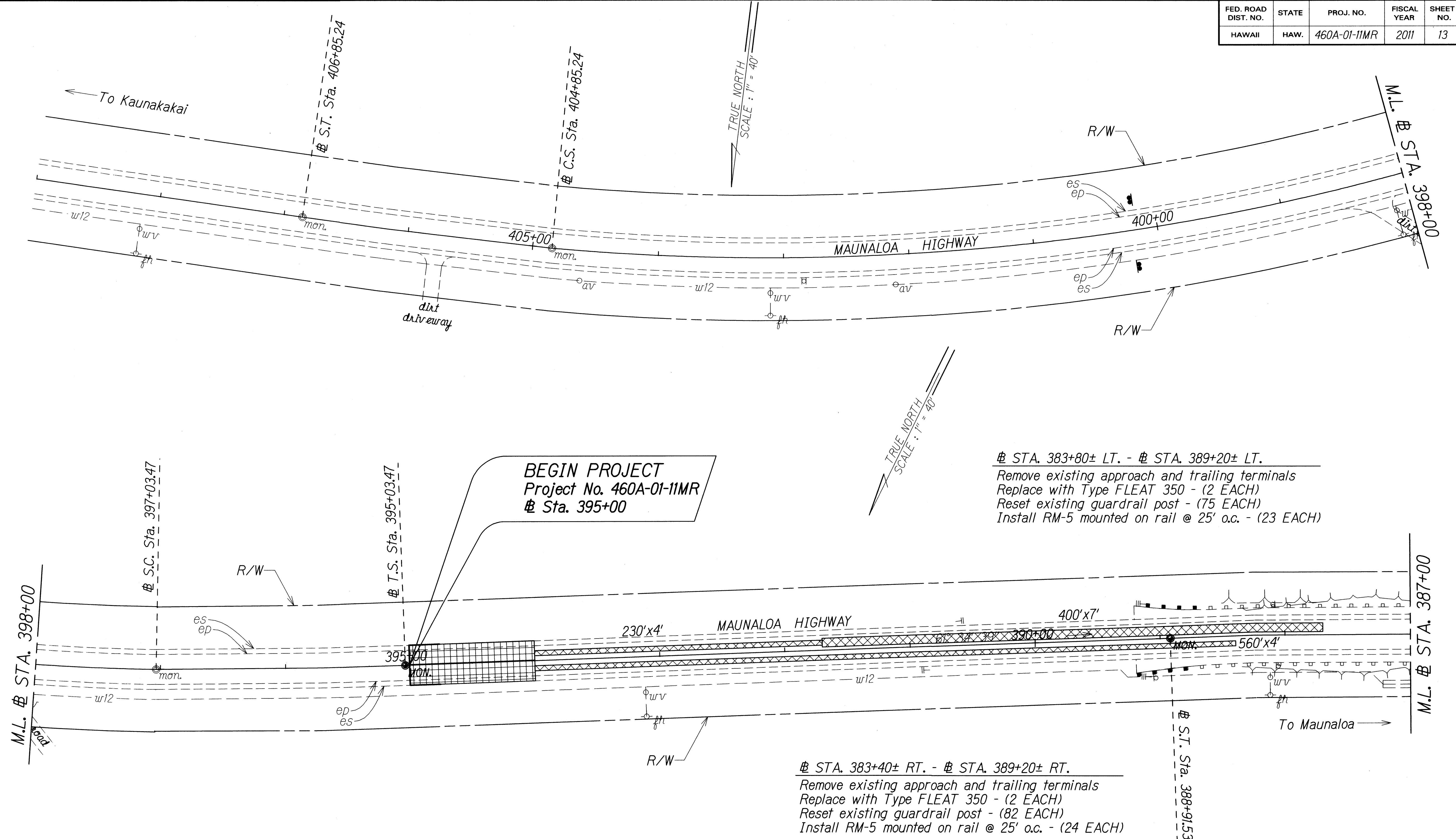


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	460A-01-11MR	2011	13	29



<b>ORIGINAL PLAN</b>	SURVEY PLOTTED BY _____ DRAWN BY <u>X</u>	DATE <u>  </u>
	TRACED BY _____	<u>  </u>
<b>NOTE BOOK</b>	DESIGNED BY <u>X</u>	<u>  </u>
	QUANTITIES BY _____	<u>  </u>
	CHECKED BY _____	<u>  </u>

**STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION**

## ROADWAY PLAN

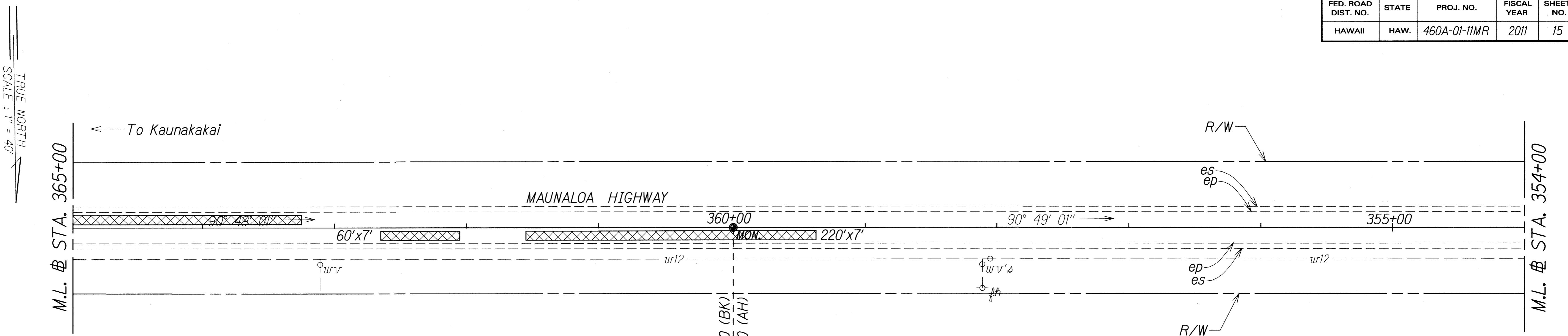
MAUNALOA HIGHWAY RESURFACING  
Vicinity of Keonelele Avenue to Mahana  
Project No. 460A-01-11MR

Scale: 1" =40' Date: August, 2010

**SHEET No. 1 OF 6 SHEETS**



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	HEET NO.	TOTAL SHEETS
HAWAII	HAW.	460A-01-11MR	2011	15	29



ORIGINAL SURVEY PLOTTED BY	DATE
DRAWN BY	X
TRACED BY	
DESIGNED BY	X
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

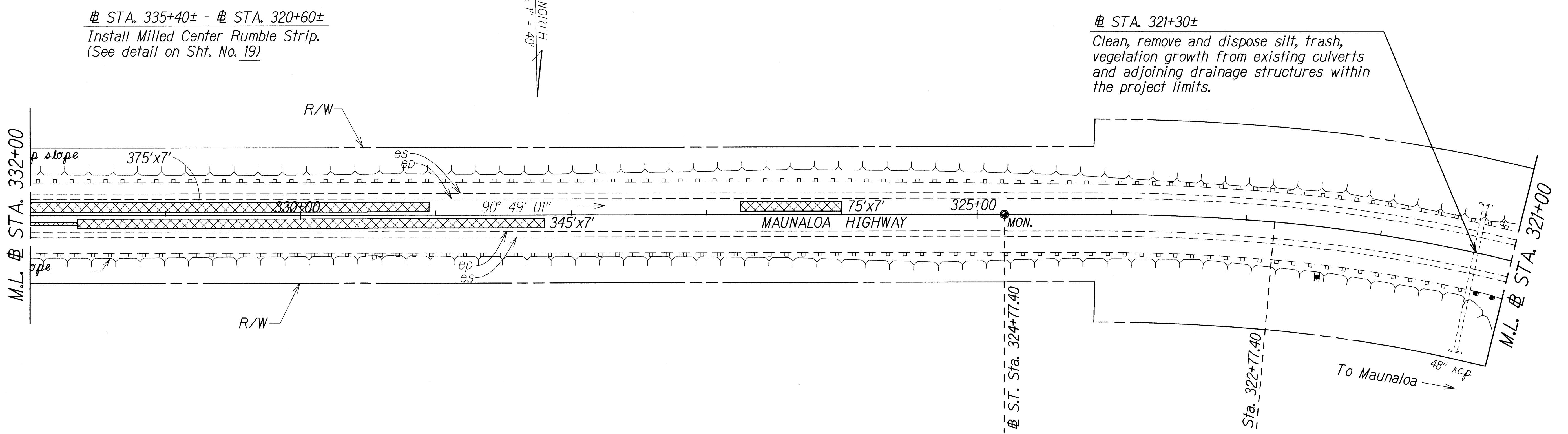
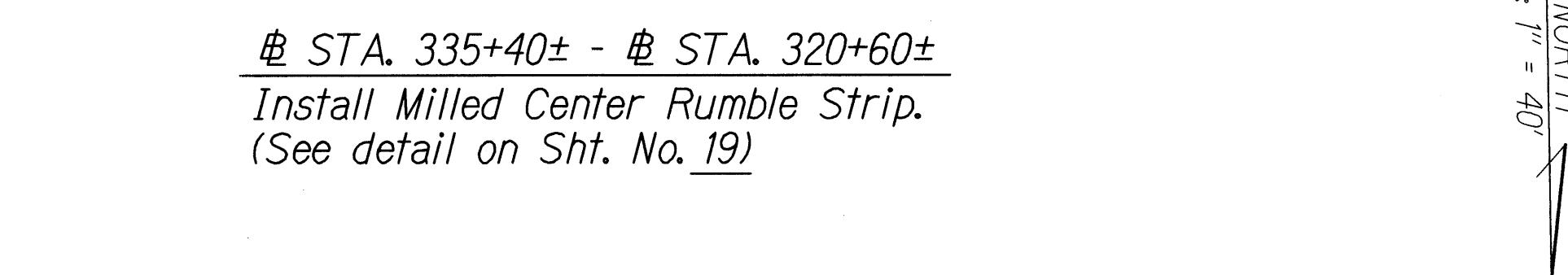
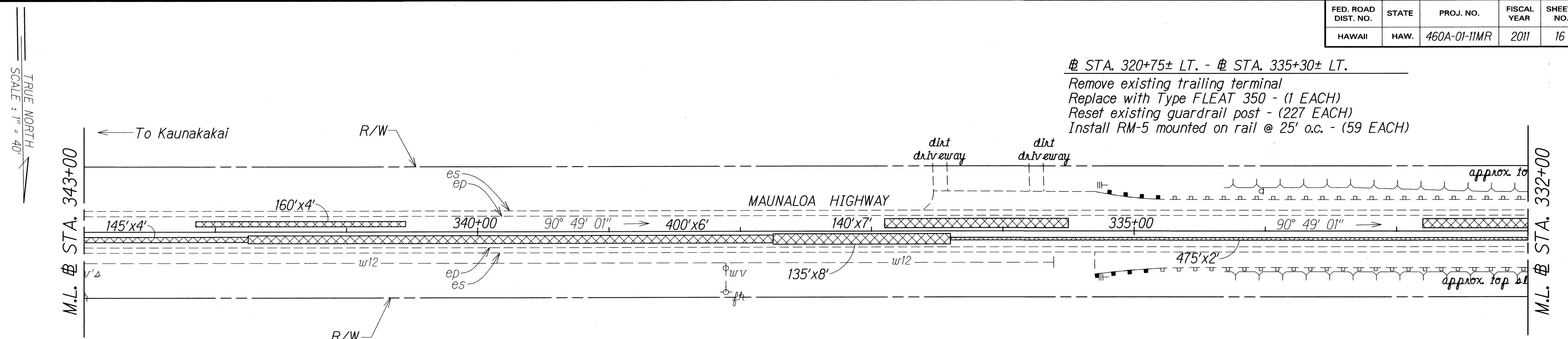
### ROADWAY PLAN

MAUNALOA HIGHWAY RESURFACING  
Vicinity of Keonelele Avenue to Mahana  
Project No. 460A-01-11MR

Scale: 1" = 40' Date: August, 2010

SHEET No. 3 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	460A-01-11MR	2011	16	29



ORIGINAL	SURVEY PLOTTED BY	DATE
DR. BY	Y	
TRACED BY	Y	
DESIGNED BY	X	
QUANTITIES BY	X	
CHECKED BY	X	
NOTE BOOK	DOX-X	
N. X	X	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**ROADWAY PLAN**

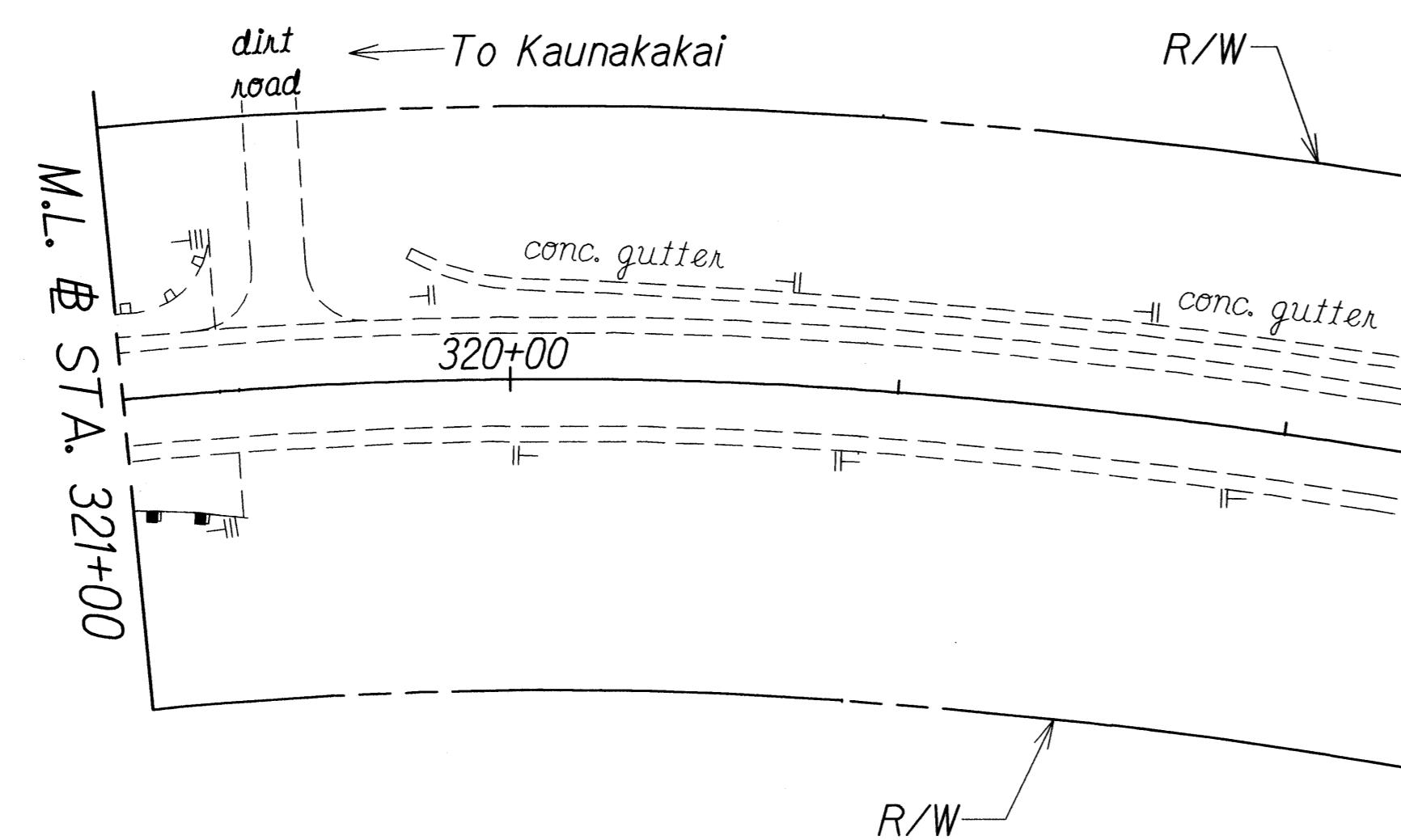
**MAUNALOA HIGHWAY RESURFACING**  
Vicinity of Keonelele Avenue to Mahana  
Project No. 460A-01-11MR

Scale: 1" = 40' Date: August, 2010

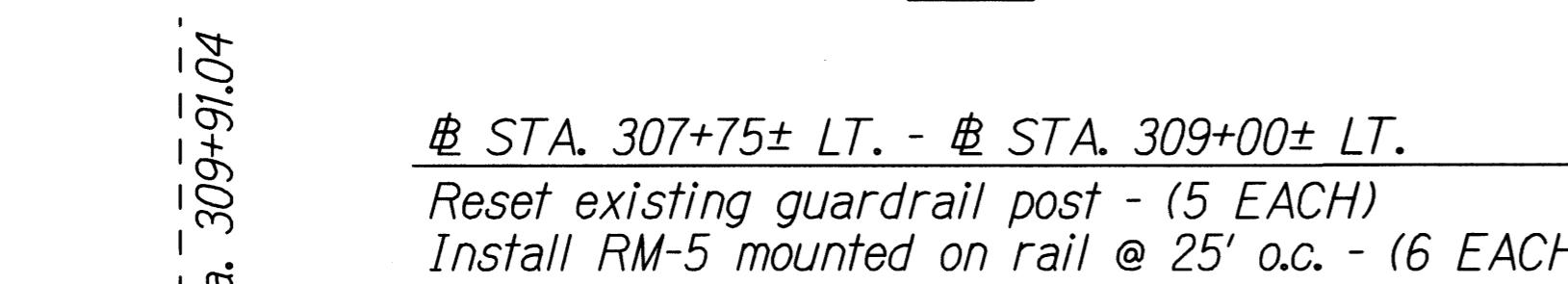
SHEET NO. 4 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	460A-01-11MR	2011	17	29

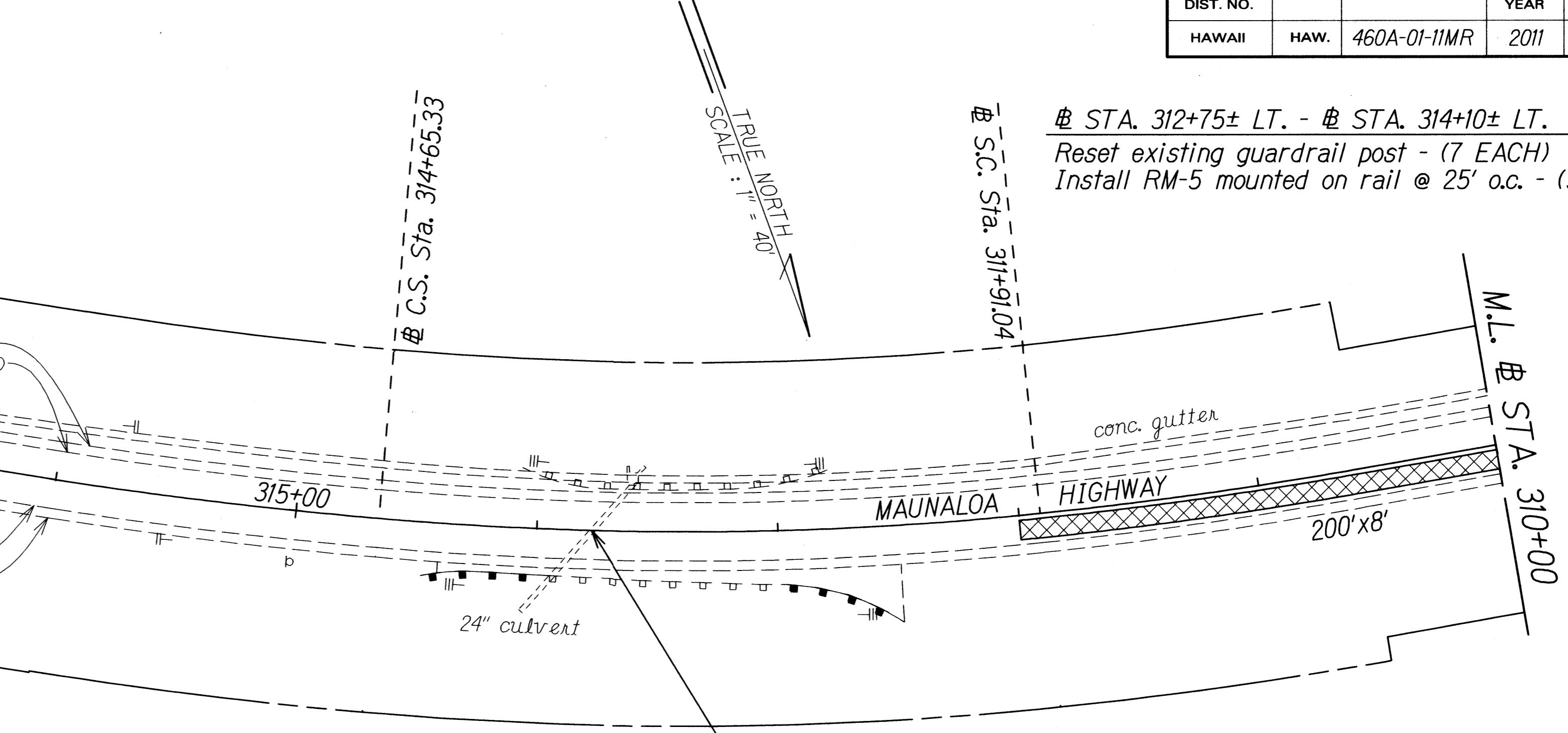
**# STA. 320+60± - # STA. 313+50±**  
Install Milled Shoulder, Edgeline & Center Rumble Strip.  
(See detail on Sht. Nos. 19-21)



**# STA. 312+50± - # STA. 309+00±**  
Install Milled Shoulder, Edgeline & Center Rumble Strip.  
(See detail on Sht. Nos. 19-21)



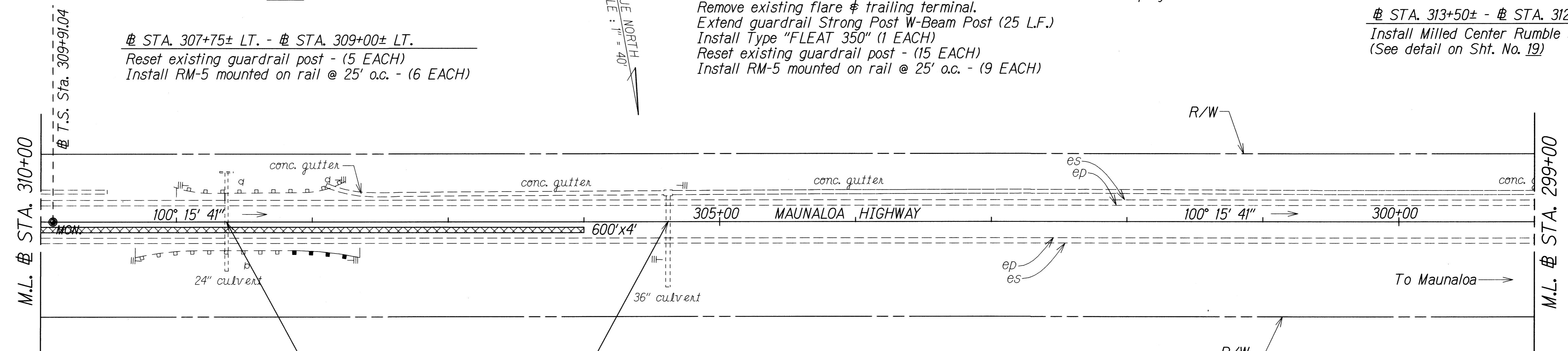
**# STA. 307+75± LT. - # STA. 309+00± LT.**  
Reset existing guardrail post - (5 EACH)  
Install RM-5 mounted on rail @ 25' o.c. - (6 EACH)



**# STA. 312+75± LT. - # STA. 314+10± LT.**  
Reset existing guardrail post - (7 EACH)  
Install RM-5 mounted on rail @ 25' o.c. - (5 EACH)

**# STA. 313+20±**  
Clean, remove and dispose silt, trash,  
vegetation growth from existing culverts  
and adjoining drainage structures within  
the project limits.

**# STA. 313+50± - # STA. 312+50±**  
Install Milled Center Rumble Strip.  
(See detail on Sht. No. 19)



**# STA. 308+60± & # STA. 305+40±**  
Clean, remove and dispose silt, trash,  
vegetation growth from existing culverts  
and adjoining drainage structures within  
the project limits.

**# STA. 309+00± - # STA. 307+50±**  
Install Milled Center Rumble Strip.  
(See detail on Sht. No. 19)

**# STA. 307+65± RT. - # STA. 309+30± RT.**  
Remove existing trailing terminal  
Replace with Type FLEAT 350 - (1 EACH)  
Reset existing guardrail post - (21 EACH)  
Install RM-5 mounted on rail @ 25' o.c. - (8 EACH)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

### ROADWAY PLAN

MAUNALOA HIGHWAY RESURFACING  
Vicinity of Keonele Avenue to Mahana  
Project No. 460A-01-11MR

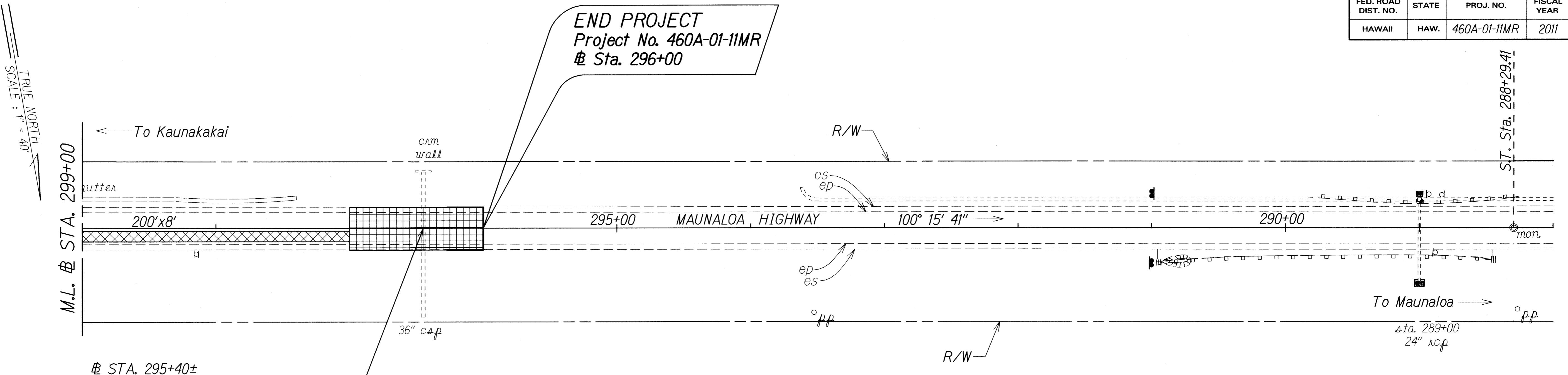
Scale: 1" = 40'  
Date: August, 2010

SHEET NO. 5 OF 6 SHEETS

ORIGINATOR	PLOTTED BY	DATE
REVIEWED BY	APPROVED BY	
INITIALS	INITIALS	
BOOK	PAGE	
NO. 460A	5	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	460A-01-11MR	2011	18	29

ST. Sta. 288+29.41



ORIGINAL	STORY PLOTTED BY	DATE
PLAN	BY X	X
NOTE BOOK	DRAWN BY	
DATA	TRACED BY	
QUANTITIES BY	DESIGNED BY	
CHECKED BY	X	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

### ROADWAY PLAN

MAUNALOA HIGHWAY RESURFACING  
Vicinity of Keonele Avenue to Mahana  
Project No. 460A-01-11MR

Scale: 1" = 40' Date: August, 2010

SHEET NO. 6 OF 6 SHEETS