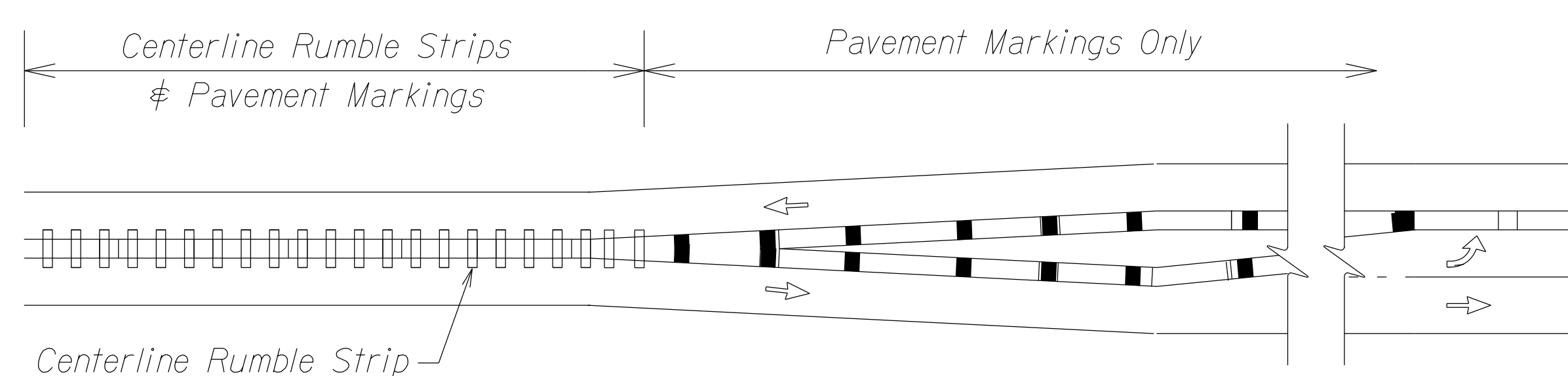
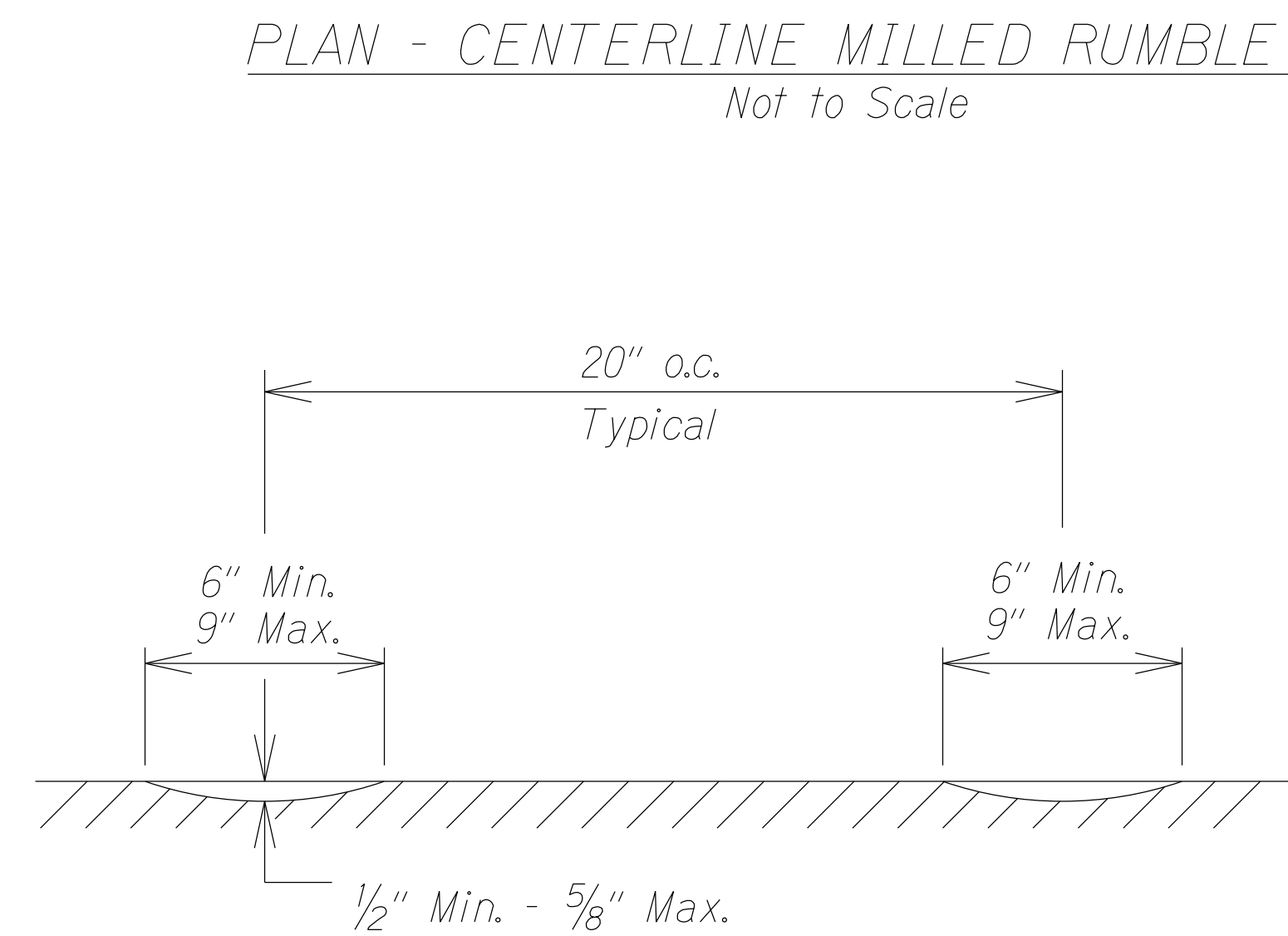
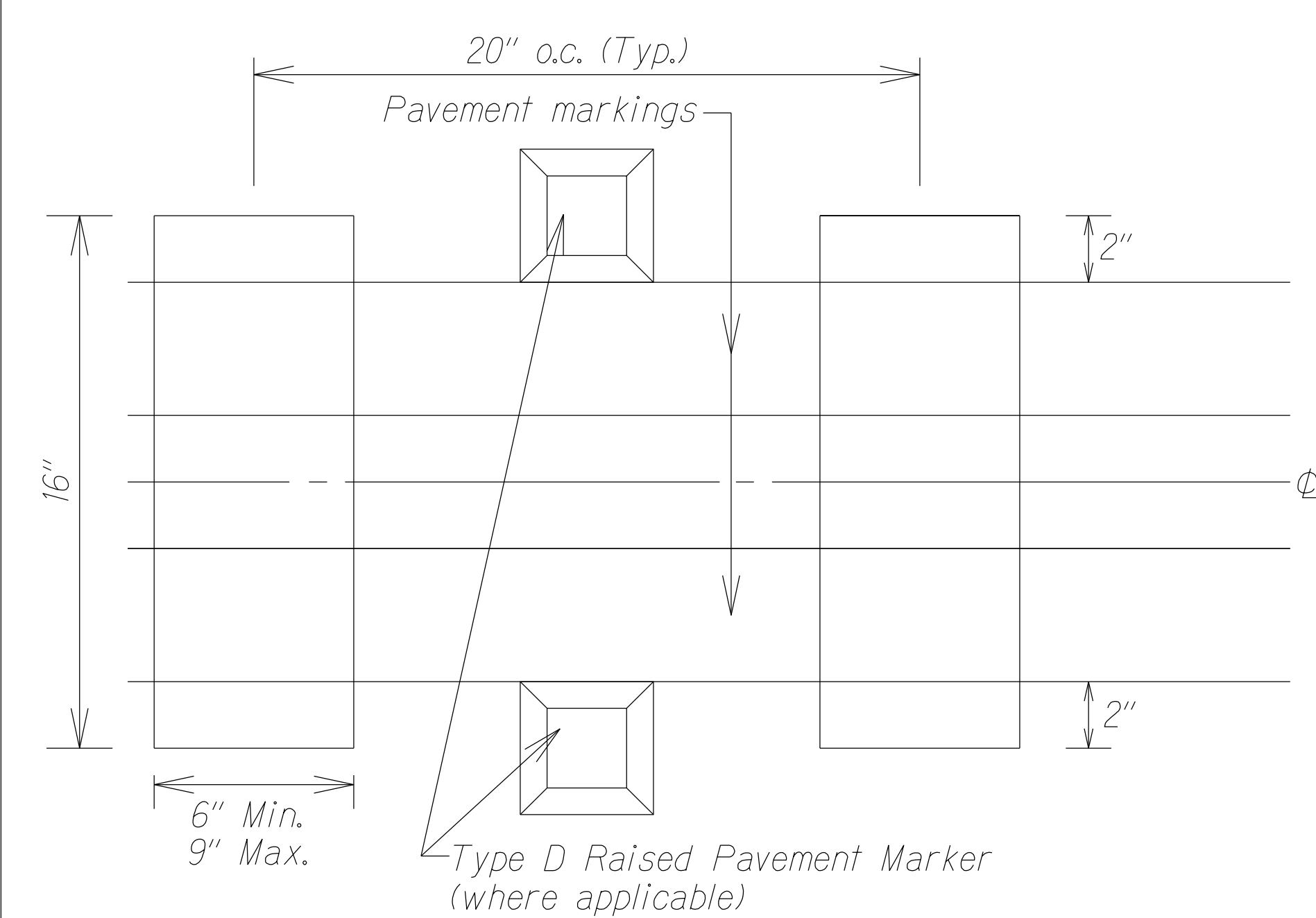
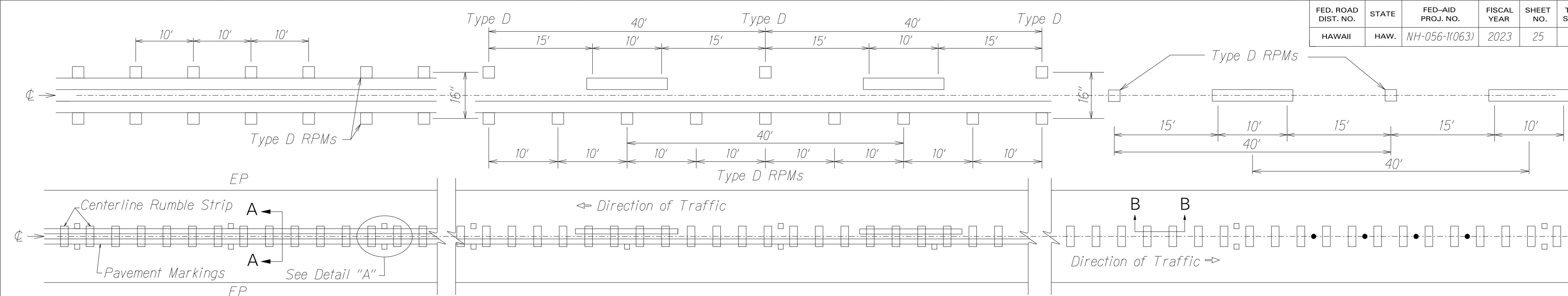
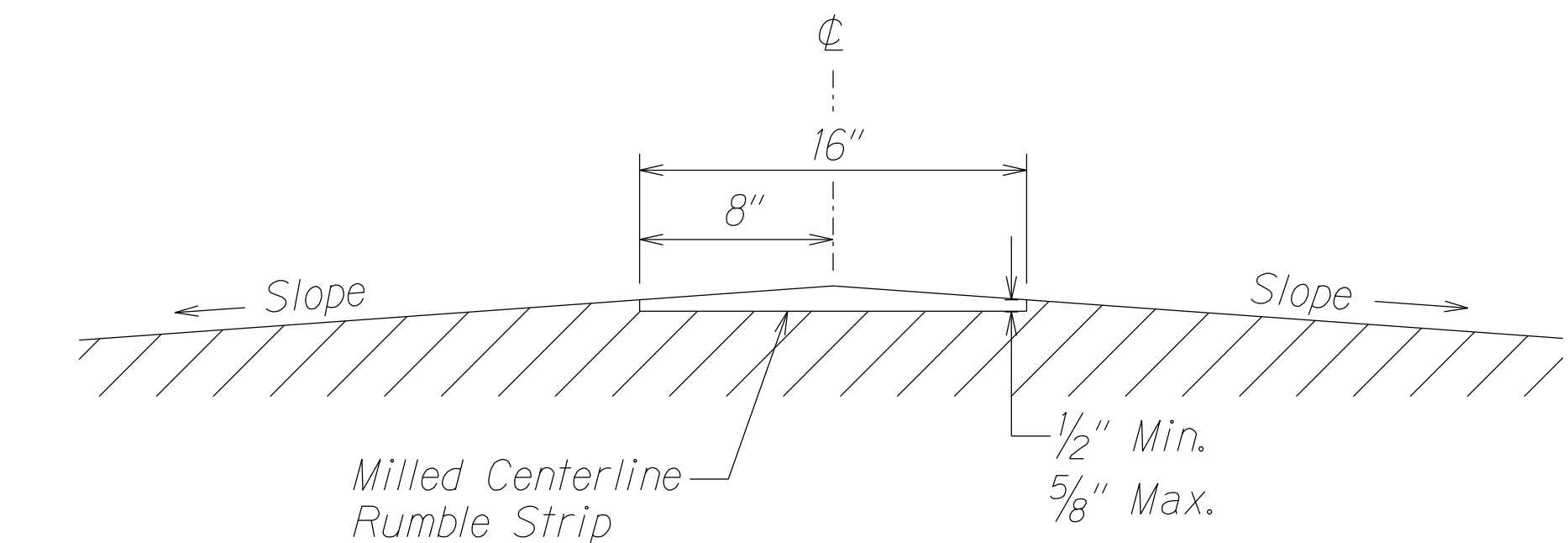


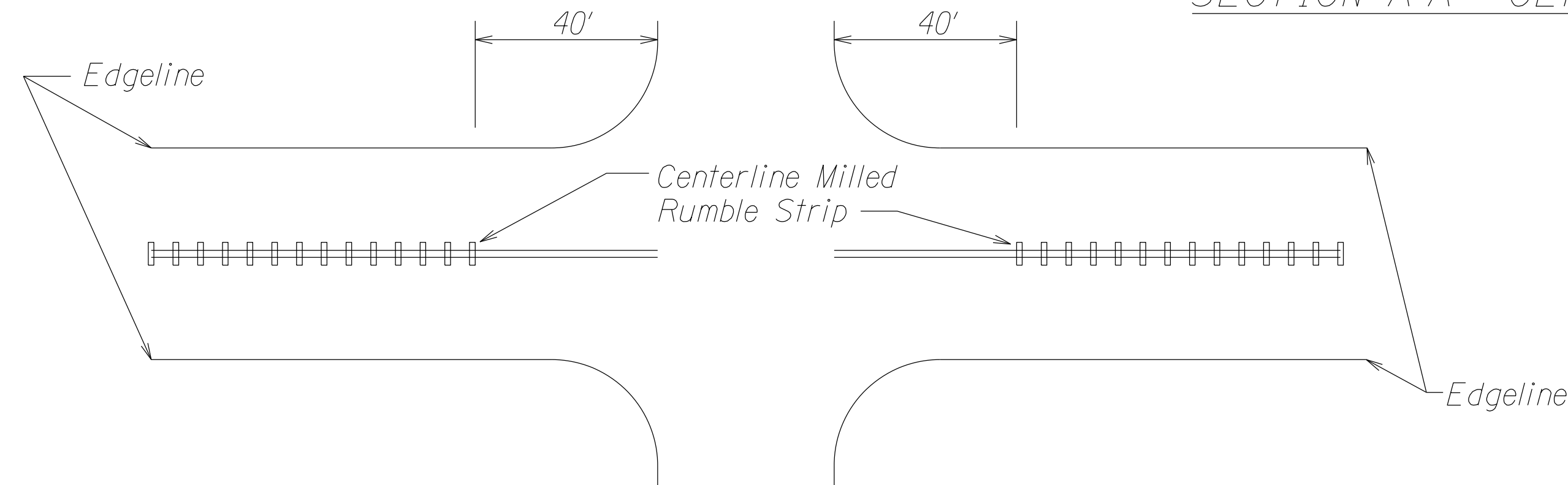
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-056-1(063)	2023	25	43



CENTERLINE MILLED RUMBLE STRIP  
AT TRANSVERSE MEDIAN MARKING  
Not to Scale



SECTION A-A - CENTERLINE MILLED RUMBLE STRIP  
Not to Scale



MILLED RUMBLE STRIP INSTALLATION LIMITS  
Not to Scale

NOTES:

1. The method of constructing the centerline milled rumble strip shall be submitted to the Engineer for acceptance prior to the actual work.
2. Dimensions shown are approximate. Adjust rumble strip spacing to coordinate with pavement markings prior to installation.
3. Raised pavement markers shall be installed on level surface between the rumble strips. Do not install raised pavement markers inside the milled area.
4. The construction of the centerline milled rumble strip shall be paid for under Item No. 615.0100 - 16-Inch Milled Rumble Strip, Centerline.
5. The milling apparatus and removal of existing pavement markings will not be paid for separately and shall be considered incidental to Item 615.0100 - 16-Inch Milled Rumble Strip, Centerline.
6. Do not install centerline rumble strips on bridge decks.
7. Where at-grade bridges are present, rumble strips shall end/begin 20 L.F. beyond the existing bridge deck joints/concrete approach slab.
8. Hot spray thermoplastic shall be used for solid line markings within the milled centerline rumble strip area.

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

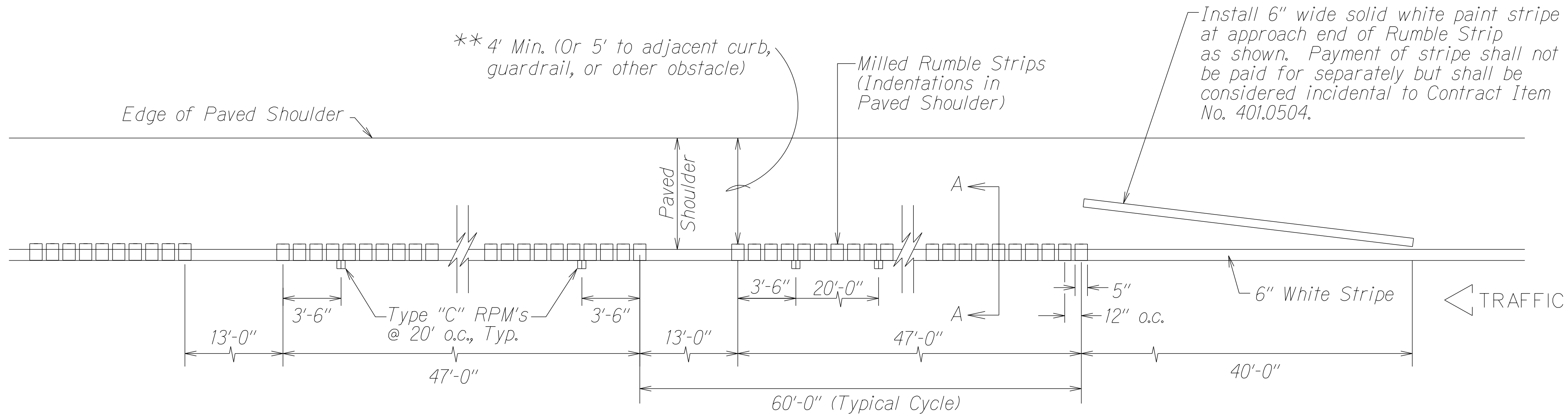
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

MILLED RUMBLE STRIP  
DETAIL & NOTES

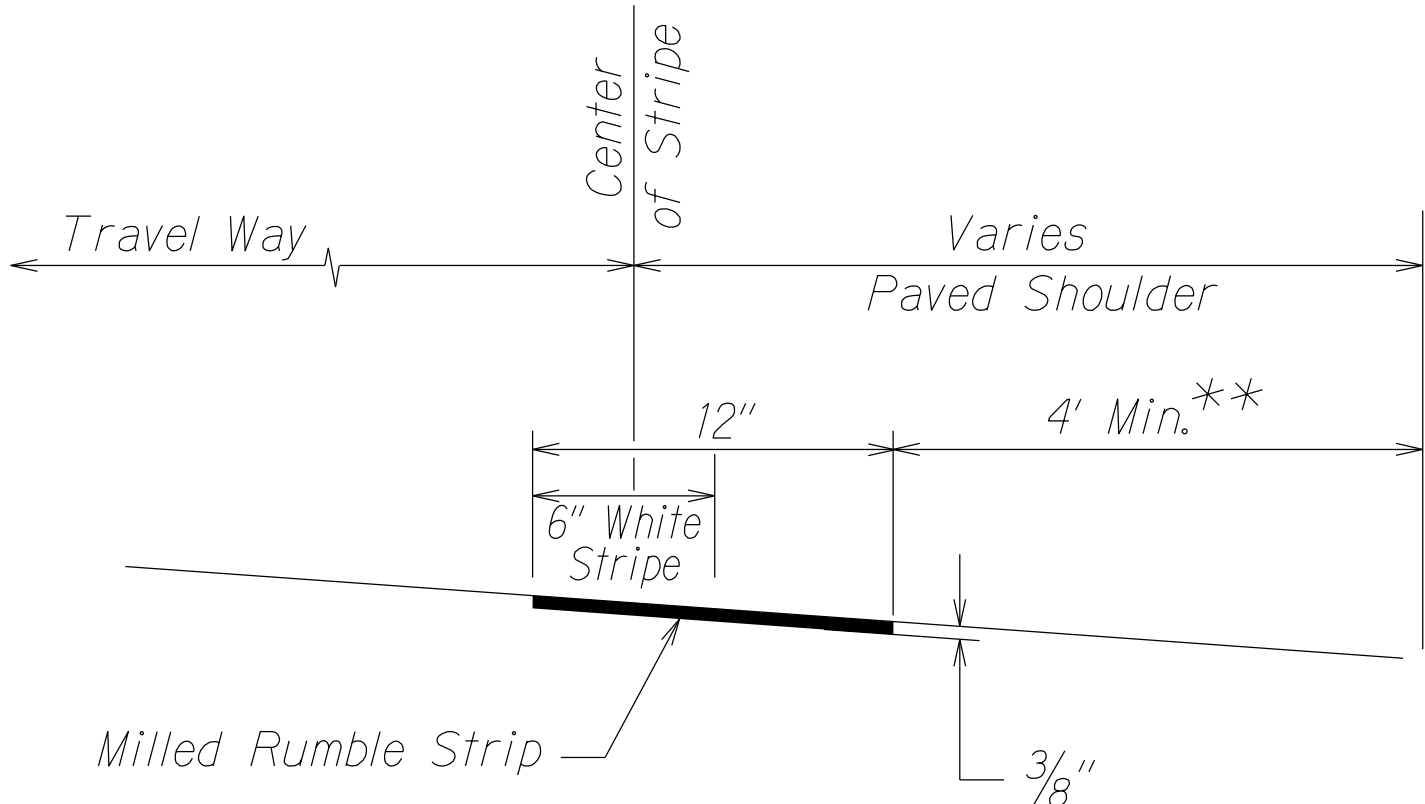
KUHIO HIGHWAY RESURFACING  
Waikaea Bridge to Mailihuna Road  
Federal-Aid Project No. NH-056-1(063)  
Scale: As Noted      Date: Mar. 2023

SHEET No. 1 OF 2 SHEETS

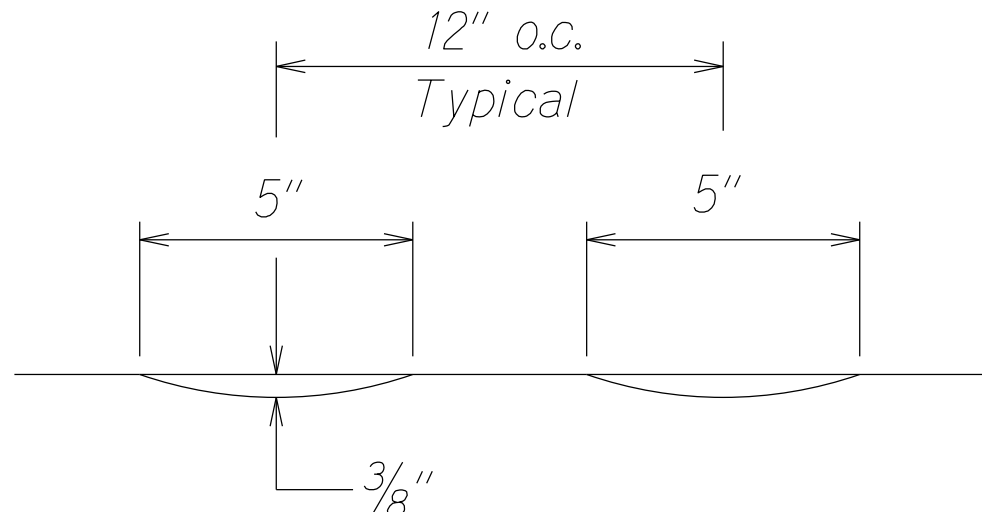
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HAWAII	HAW.	NH-056-1(063)	2023	26	43



PLAN  
Not to Scale



SECTION A-A  
Not to Scale



CROSS SECTION  
Not to Scale

NOTES:

1. *Bicycle Friendly milled edgeline rumble strip shall not be installed where shoulder serves as a part time shoulder lane.*
- \*\*2. *Bicycle Friendly milled edgeline rumble strip should not be used unless 4 feet of clear shoulder width for bicycle use is available between the rumble strips and the outer edge of the paved shoulder.*
3. *Do not place Type "C" markers within 2 feet of the 13 feet rumble strip opening.*

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

## BICYCLE FRIENDLY MILLED EDGELINE RUMBLE STRIPS

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

MILLED RUMBLE STRIP  
DETAIL & NOTES

KUHIO HIGHWAY RESURFACING  
Waikaea Bridge to Mailihuna Road  
Federal-Aid Project No. NH-056-K(063)

Scale: As Noted Date: Mar. 2023

SHEET No. 2 OF 2 SHEETS