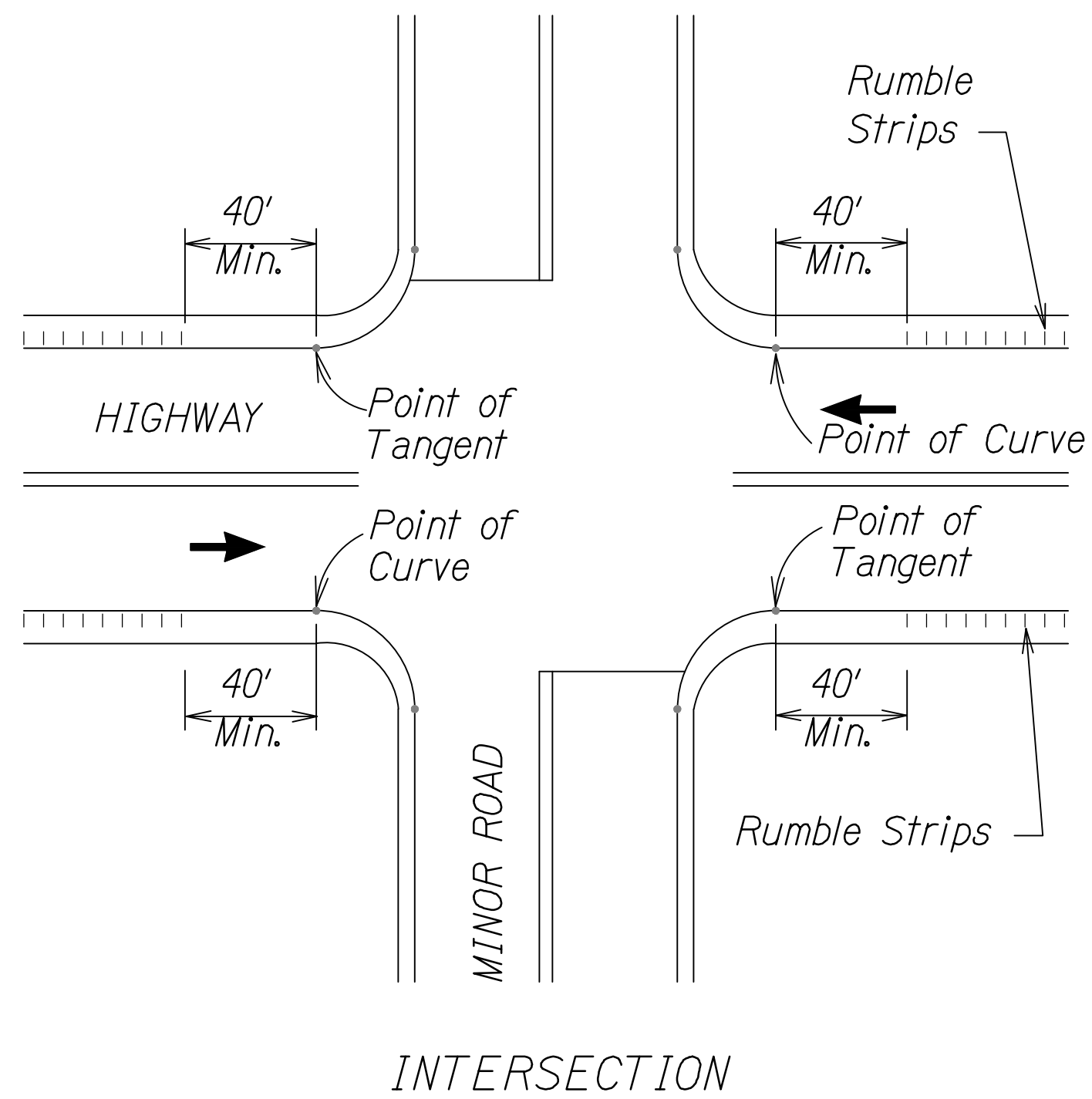
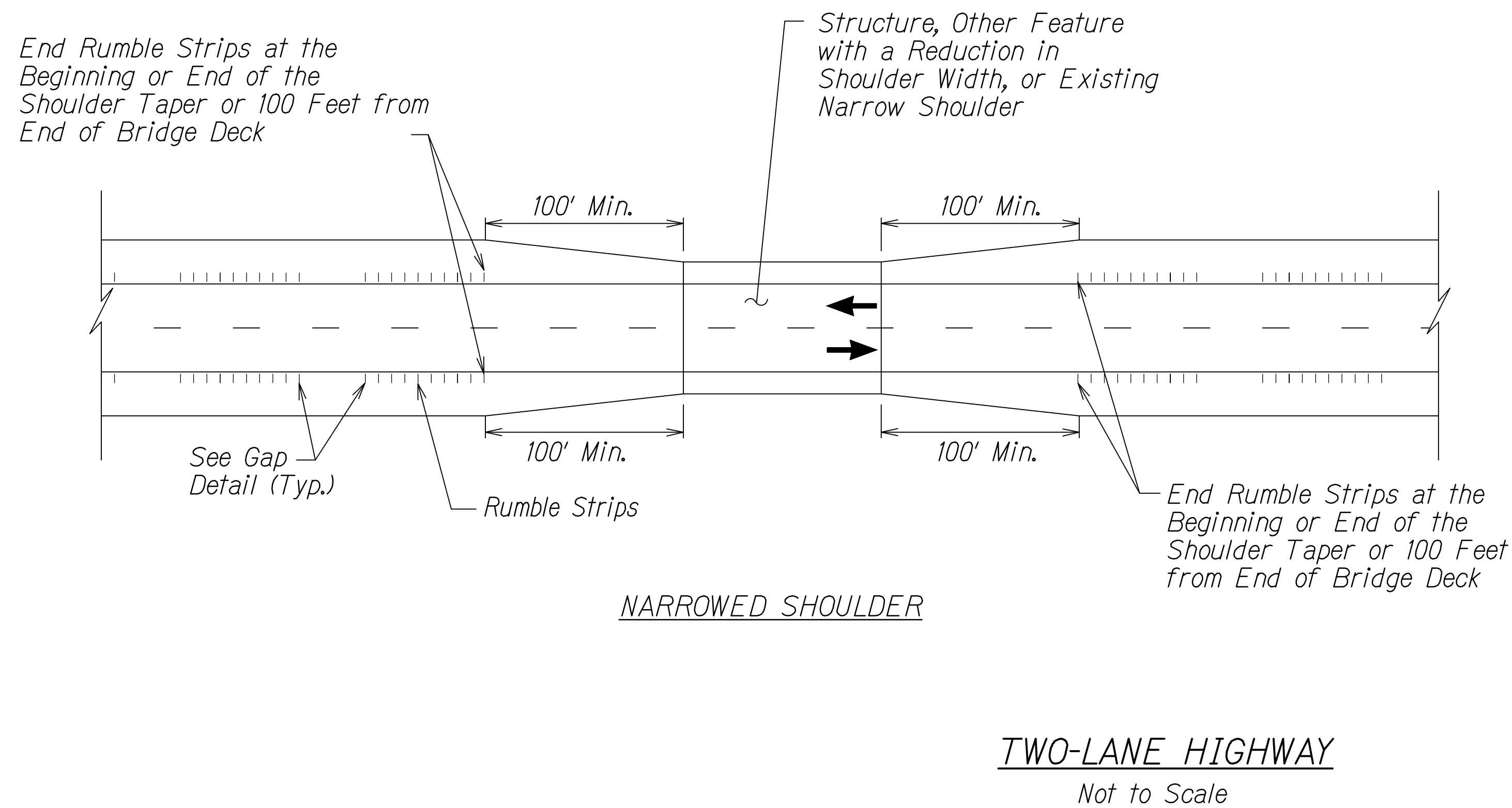
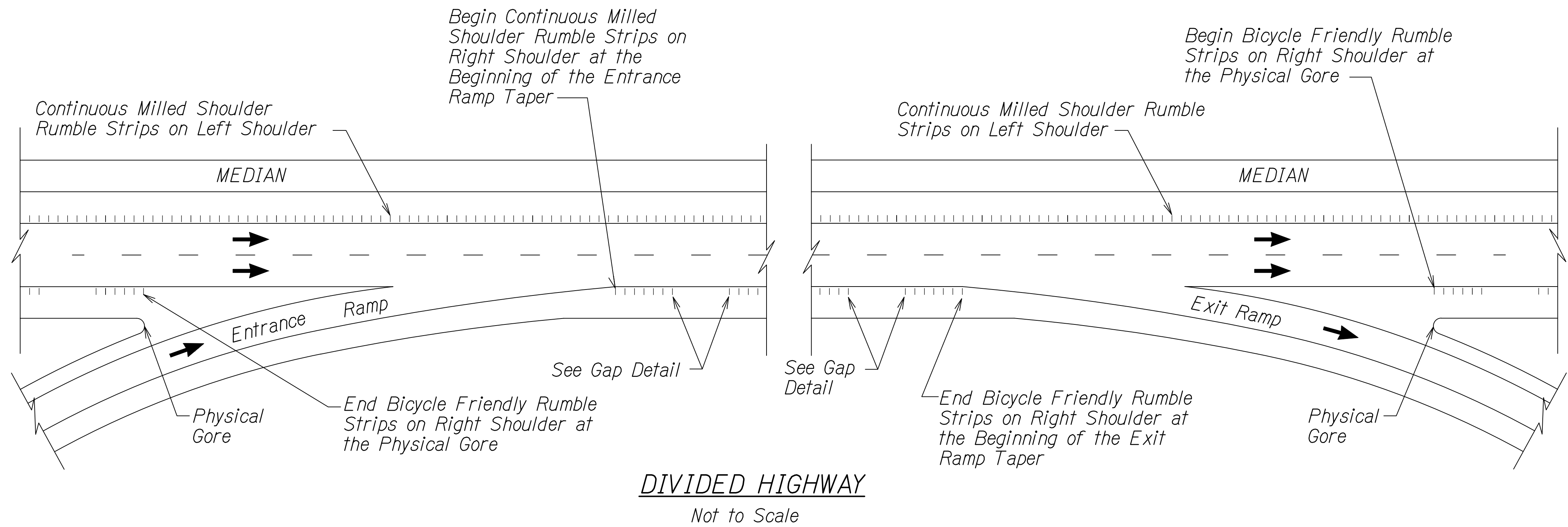
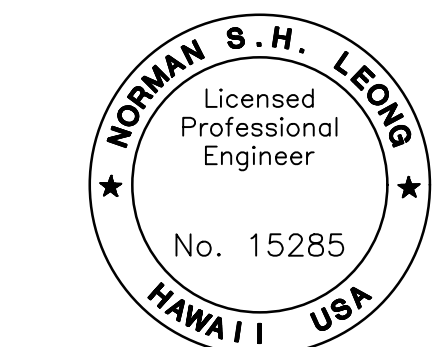


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-0190(018)	2022	45	70



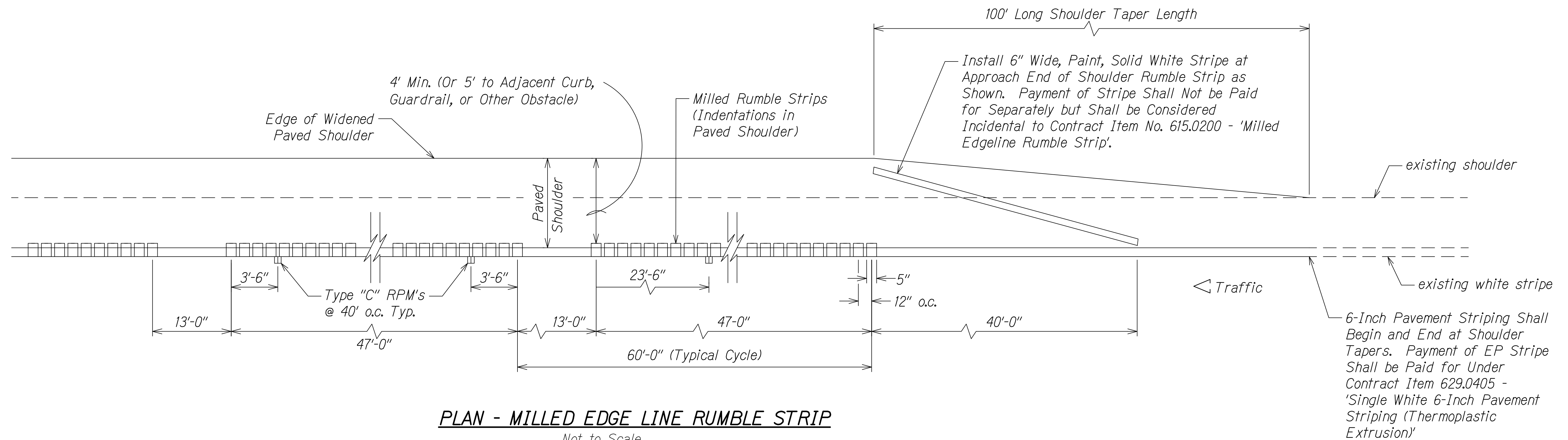
SURVEY PLOTTED BY	DATE
DRAWN BY	"
DESIGNED BY	"
QUANTITIES BY	"
CHECKED BY	"
ORIGINAL PLAN	No.



This work was prepared by me or under my supervision and construction of this project will be under my observation.
Norman S.H. Leong
Expiration Date of License 4/24

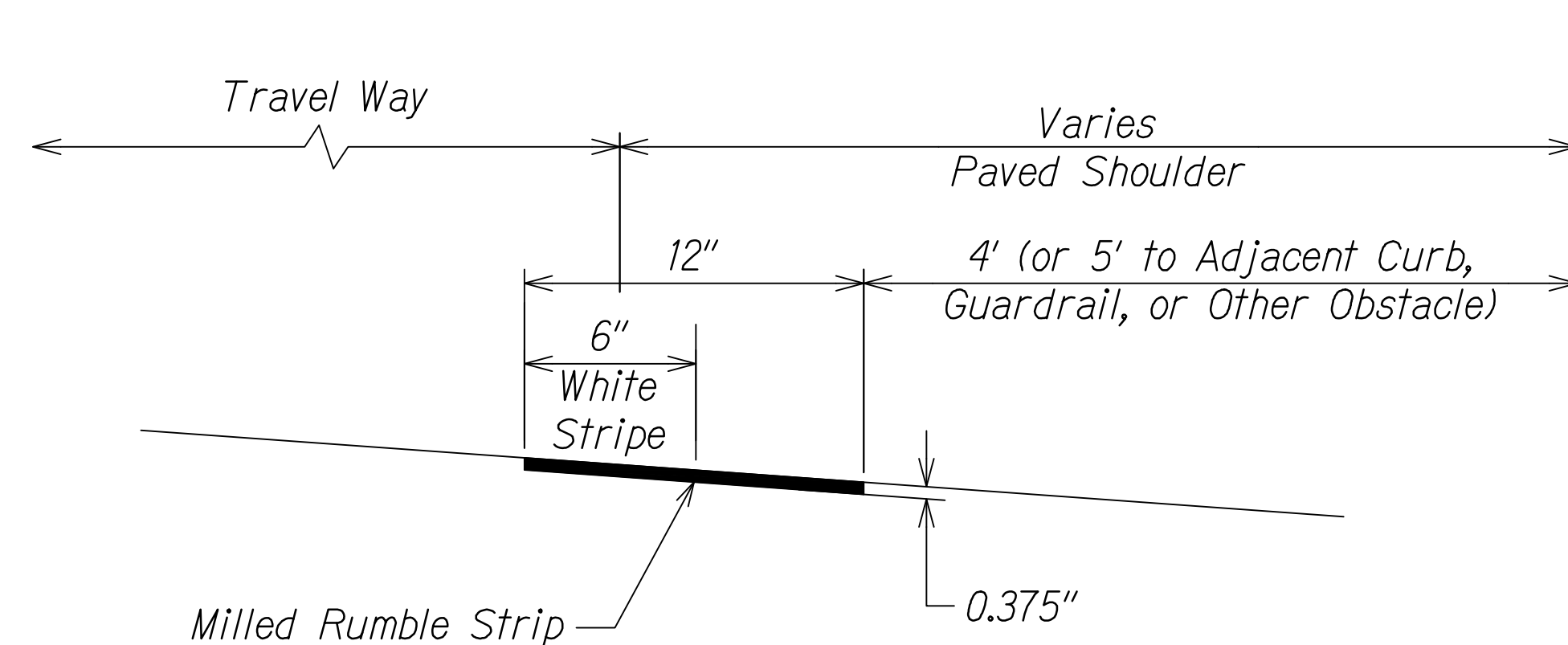
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MILLED EDGE
RUMBLE STRIP DETAILS
MAMALAHOA HIGHWAY
SAFETY IMPROVEMENTS
East and West of Puuwaawaa Ranch
Federal Aid Project No. HSIP-0190(018)
Scale: NTS Date: July 2022
SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-0190(018)	2022	46	70

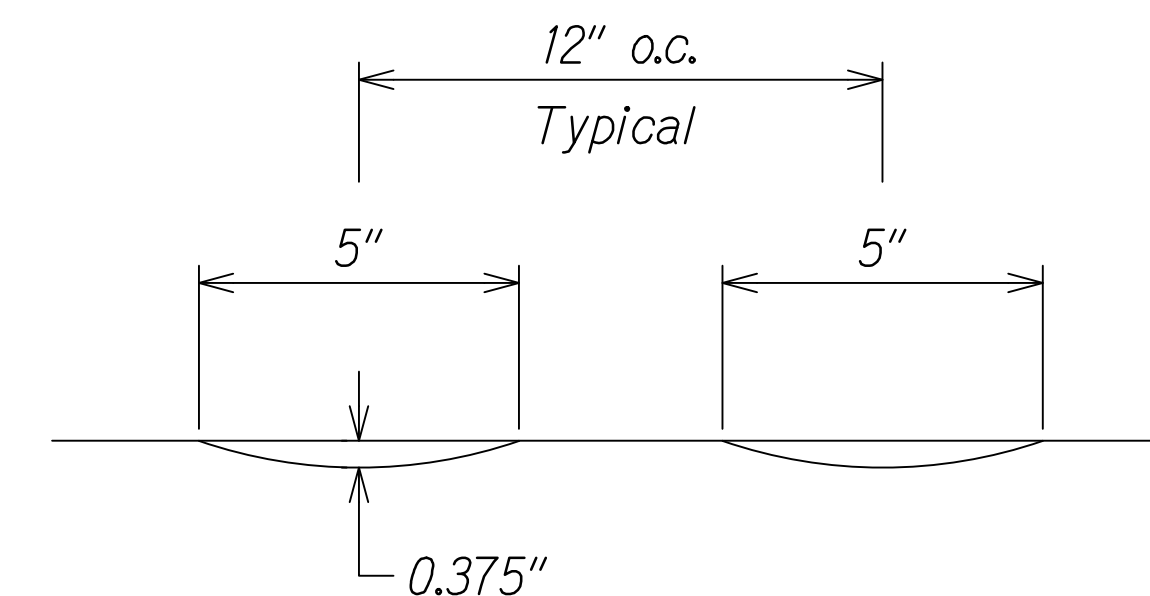


PLAN - MILLED EDGE LINE RUMBLE STRIP

Not to Scale



LONGITUDINAL SECTION - MILLED EDGE LINE RUMBLE STRIP



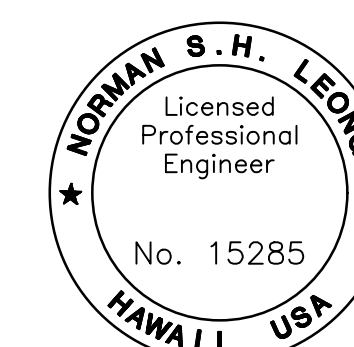
CROSS SECTION
MILLED EDGE LINE RUMBLE STRIP

Not to Scale

- NOTES:

1. *Edge line 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.*
2. *Do not place Type "C" markers within 2 feet of the 13 feet Rumble Stripe opening.*

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



This work was prepared by me or under my supervision and construction of this project will be under my observation.

Expiration Date of License	4/24
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MILLED EDGE
RUMBLE STRIP DETAILS
MAMALAHOA HIGHWAY
SAFETY IMPROVEMENTS
East and West of Puuwaawaa Ranch
Federal Aid Project No. HSIP-0190(018)
Scale: NTS Date: July 2022
SHEET No. 2 OF 2 SHEETS