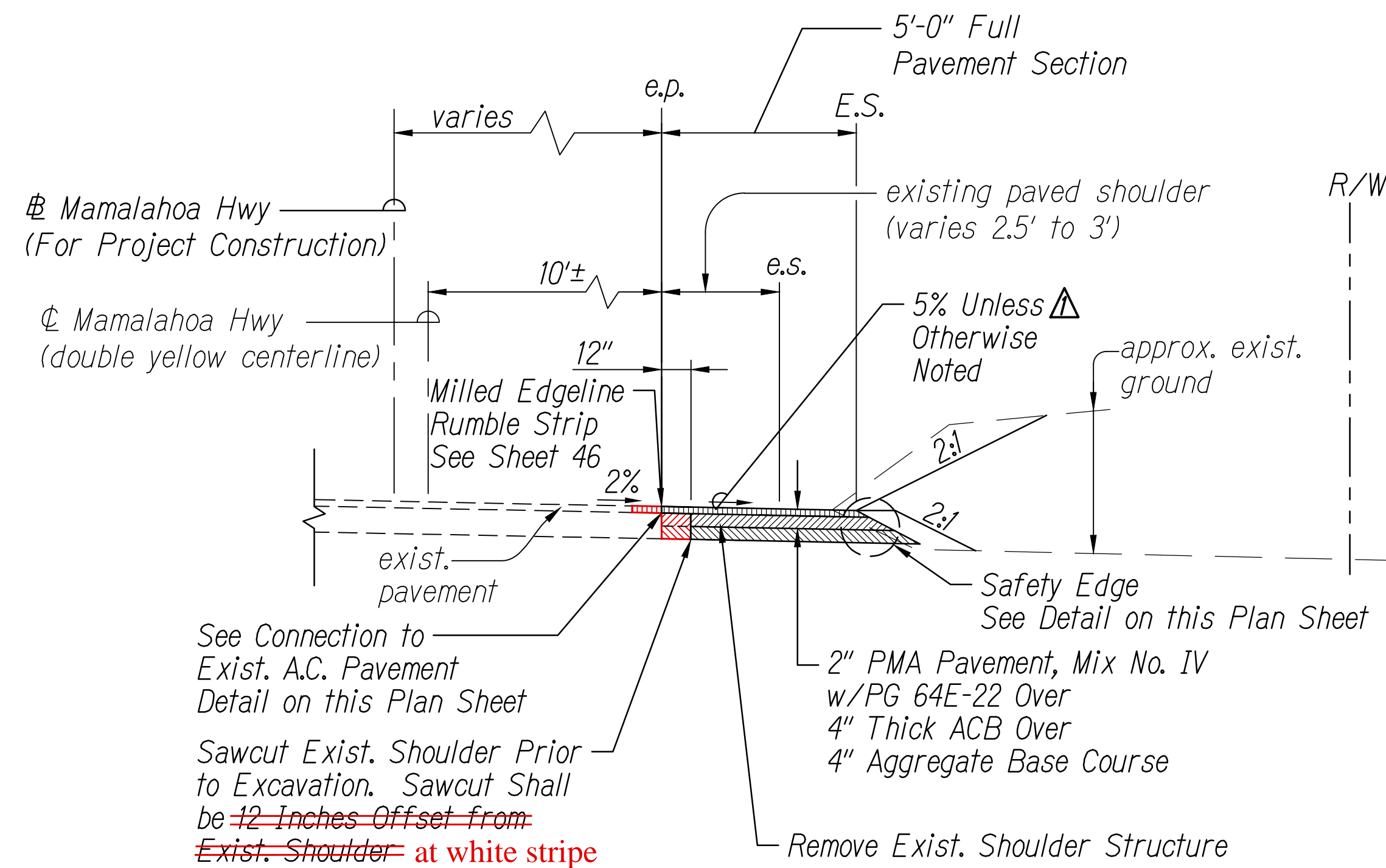
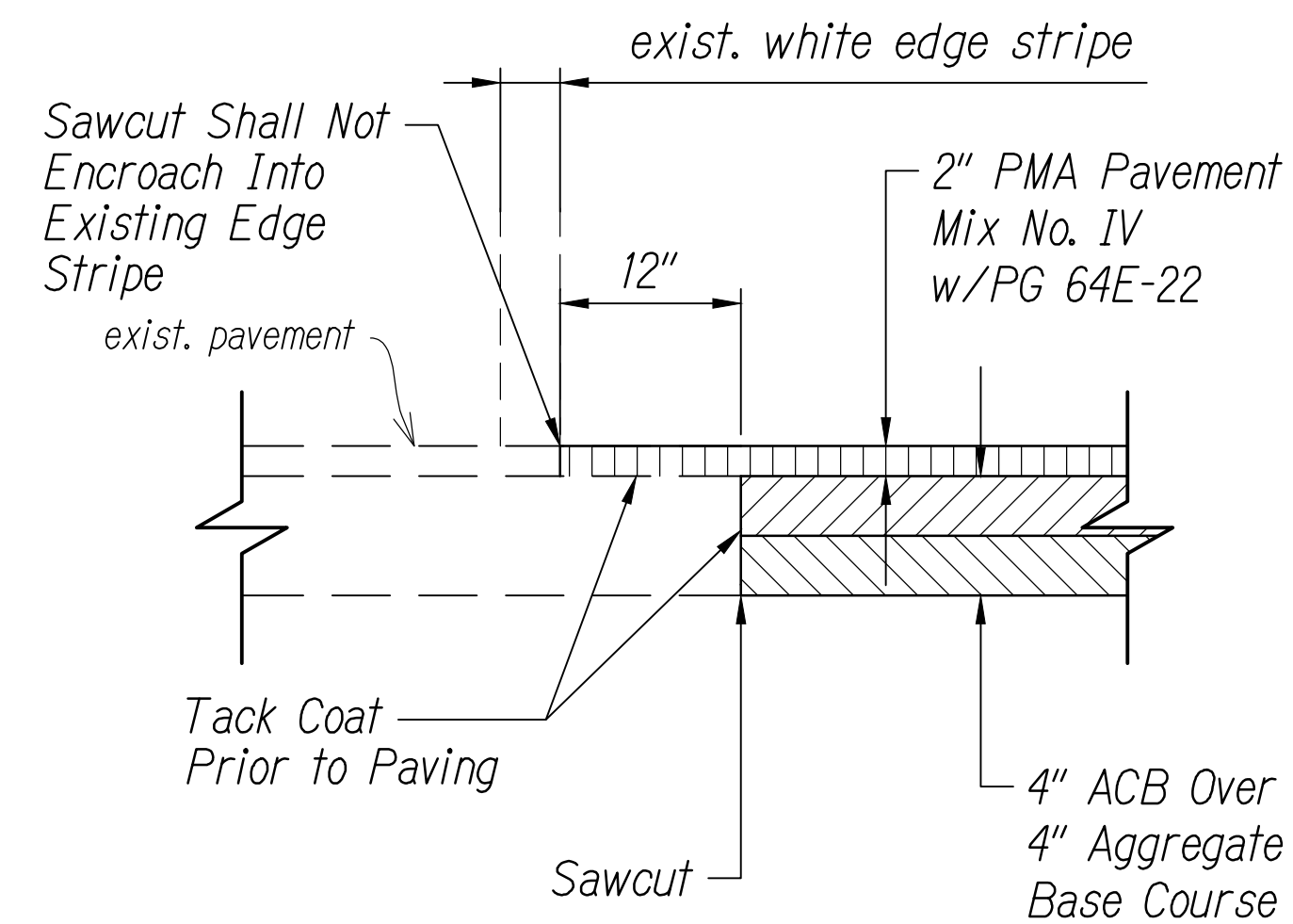


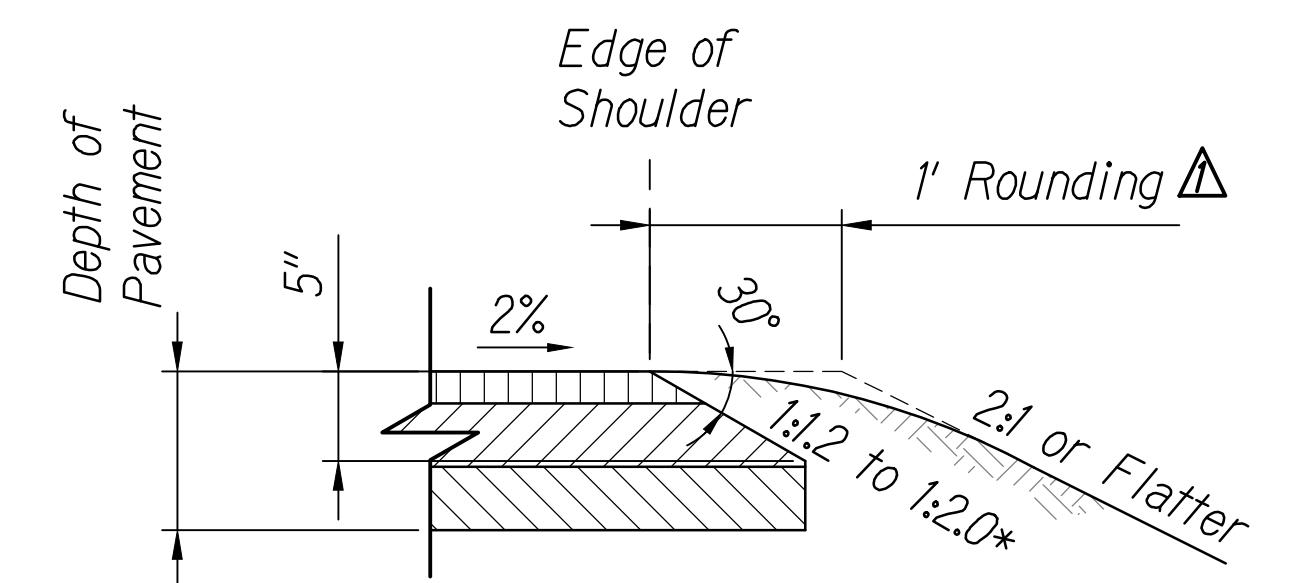
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-0190(018)	2022	ADD. 8	70



SECTION AT SHOULDER WIDENING

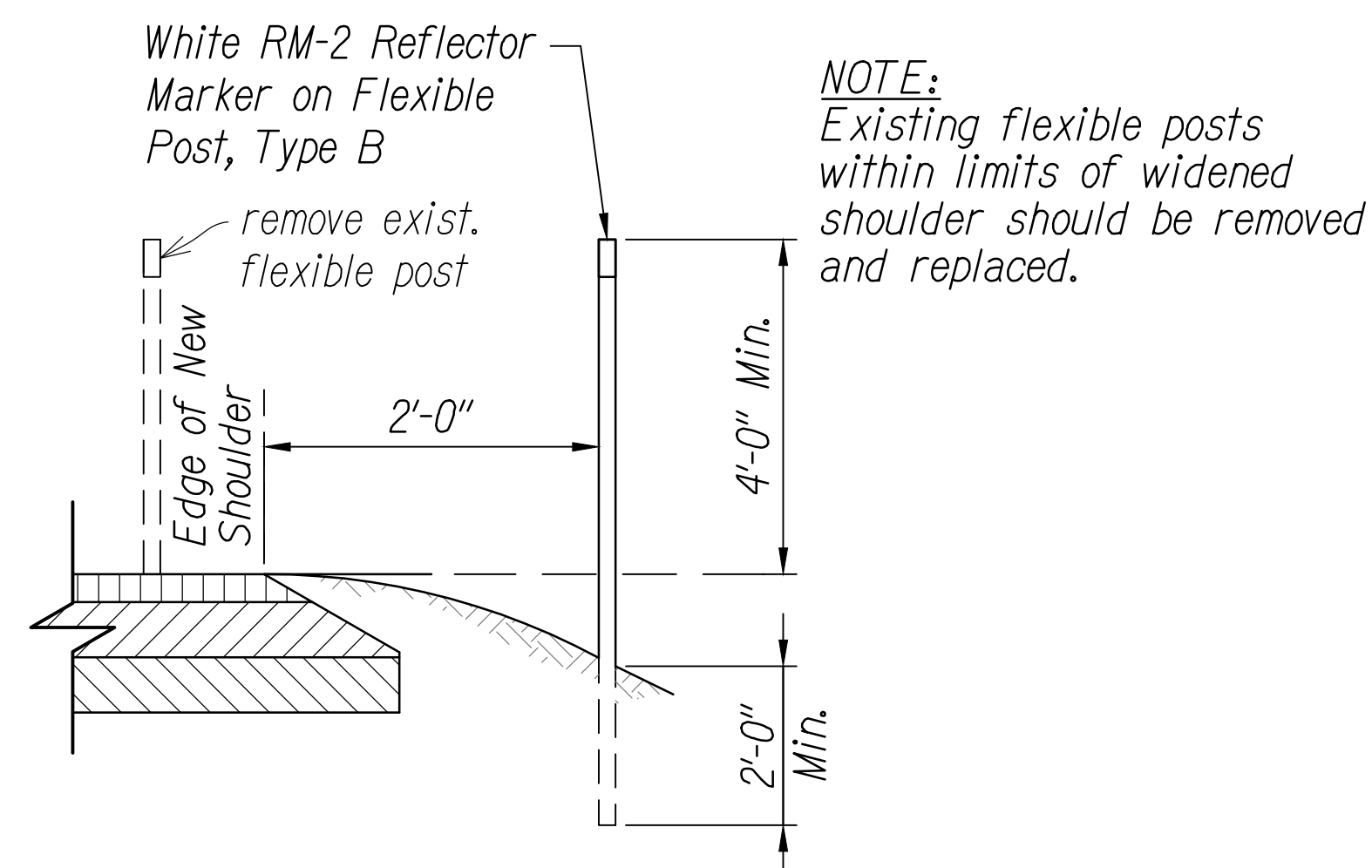


CONNECTION TO EXISTING A.C. PAVEMENT DETAIL

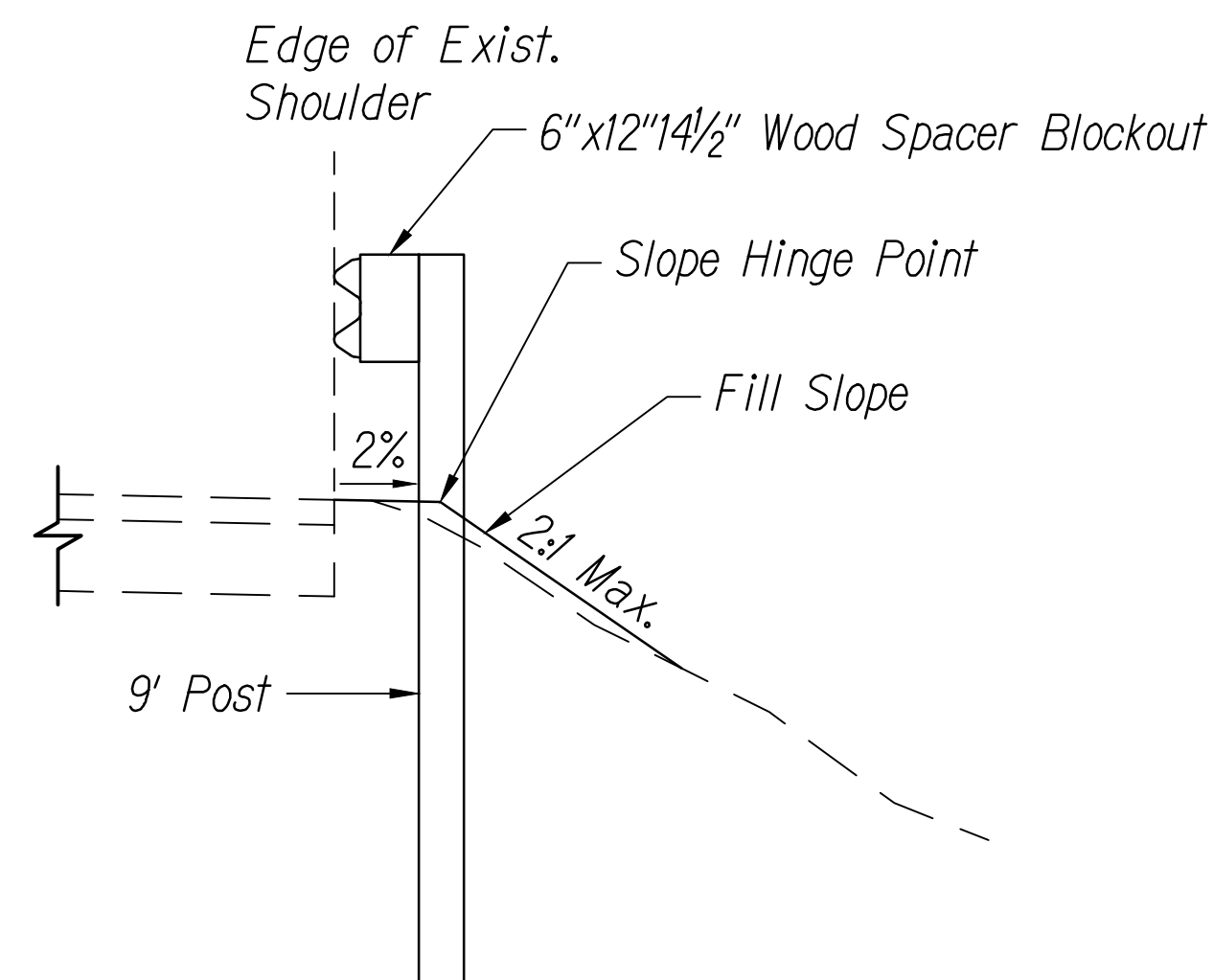


* Recommended Rise to Run Ratio. Range of Slope is Equal to 26° to 40°



SAFETY EDGE DETAIL



REFLECTOR MARKER MOUNTING DETAIL



GUARDRAIL ON SLOPE

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

9/9/22	<i>Revised Details</i>
Date	Description

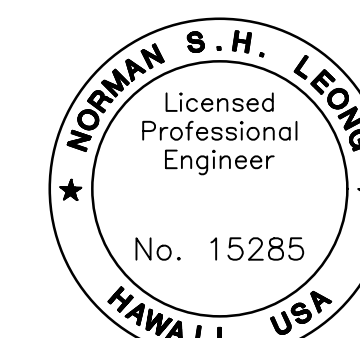
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS AND 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. 1A OF 1 SHEETS



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