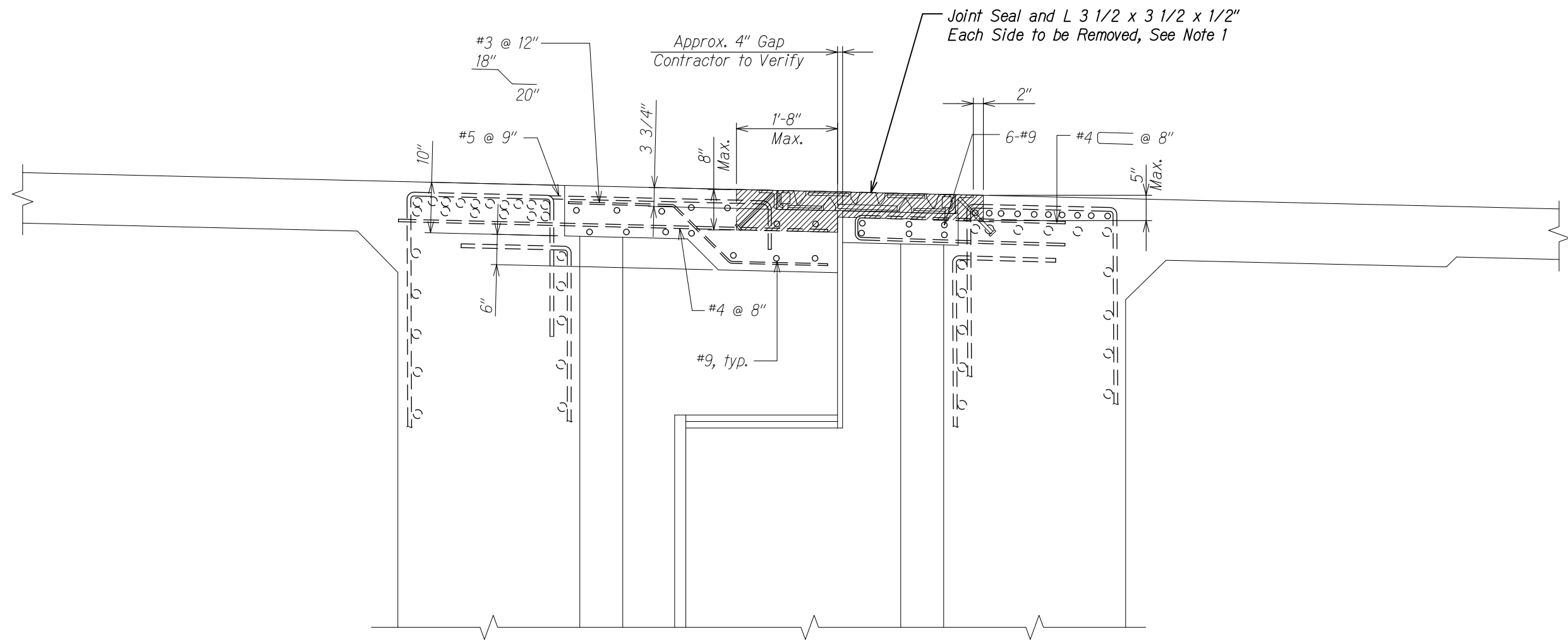
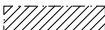
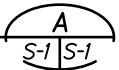


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	XXX-XX-XXX	2025	1	2



LEGEND:

 Limits of Removal
See Note 2

SECTION
Scale: 1" = 1'-0" 

NOTES:

1. Studs on L3 1/2 x 3 1/2 x 1/2 shall be cut as required. Anchor bolts for joint seal shall be cut as required to provide 1 1/2" min. clear cover.
2. Contractor shall remove unsound concrete. The limits of removal shall not exceed the maximum dimensions shown. The removed area on each side of the gap shall be made square and not feather edged.

ORIGINAL PLAN	DATE
NOTED BY	DESIGNED BY
CHECKED BY	QUANTITIES BY
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

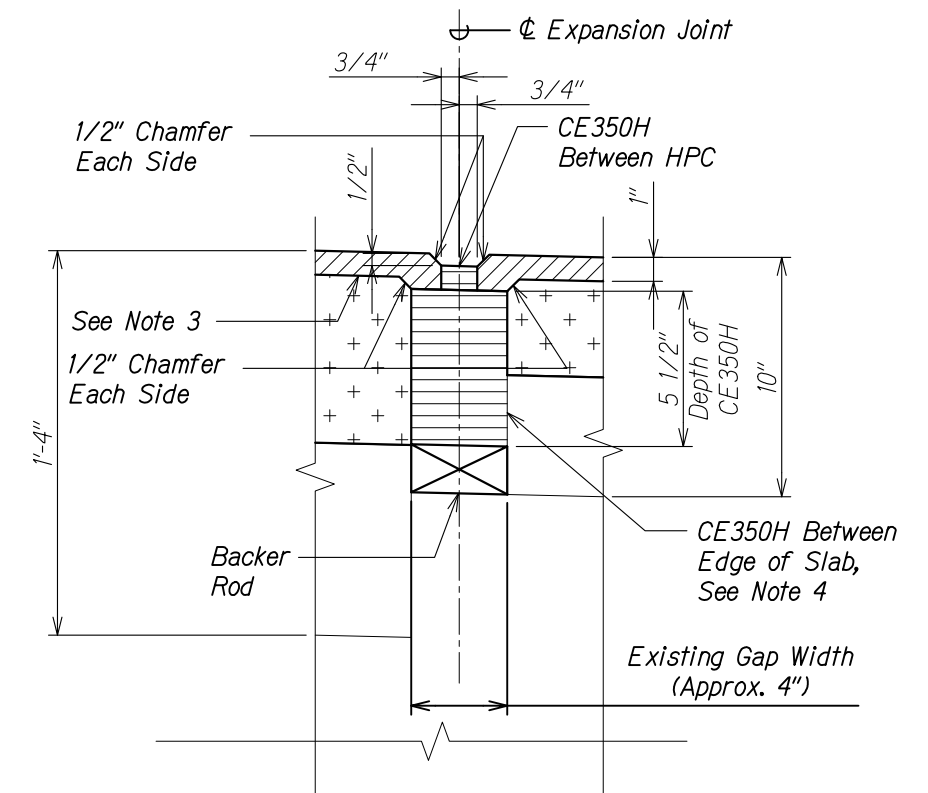
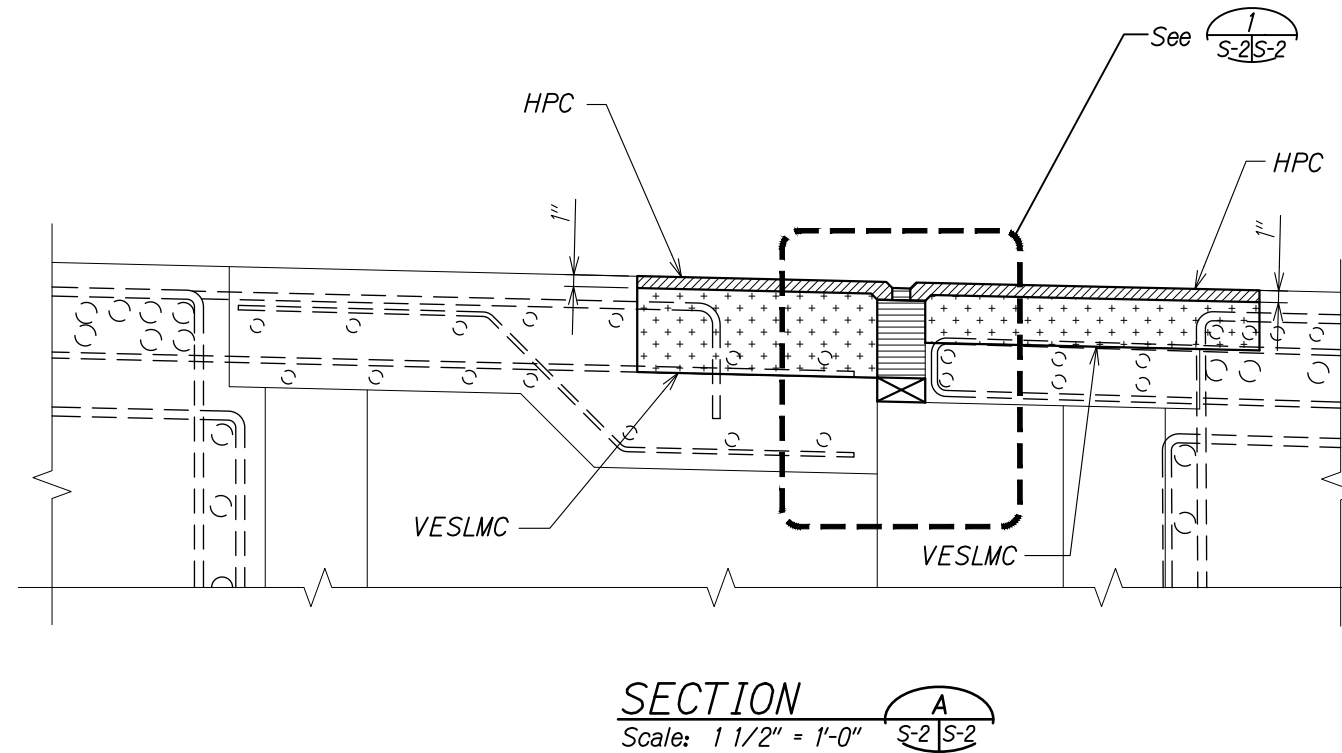
**EXPANSION JOINT
DEMOLITION SECTION**

WAIKAKALAUA STREAM BRIDGE
Expansion Joint Repair
Project No. xxx-xx-xxx

Scale: As Noted Date: April 29, 2025

SHEET No. S-1 OF 2 SHEETS

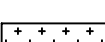
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	XXX-XX-XXX	2025	2	2



NOTES:

1. *Specifications for CE350H shall be the following:
ASTM D638 Tensile Modulus = 600 psi
ASTM D695 Compressive Modulus = 700 psi
ASTM D4541 Pull-off Strength to Concrete = 250 psi*
2. *HPC shall be CE700. VESLMC shall be Fastrac 246 with Ready-To-Use polymer.*
3. *Existing concrete substrate shall be roughened to CSP7 and be saturated surface dry prior to placing VESLMC. The top of the VESLMC shall be roughened to CSP5 prior to placing HPC. Prior to placing VESLMC and HPC, any exposed rebar shall be cleaned and the repair area shall be free of laitance and debris.*
4. *The Contractor shall provide a surface roughened to CSP5 to all vertical faces bonding to CE350H.*

LEGEND:

- | | |
|---|--|
|  | <i>HPC, Hybrid Polymer Concrete (CE700)</i> |
|  | <i>VESLMC, Very Early Strength Latex Modified Concrete (Fastrac 246)</i> |
|  | <i>Joint Material (CE350H)</i> |
|  | <i>Backer Rod</i> |

DETAIL

Scale: 3" = 1'-0"

The detail shows a cross-section of a roof edge. A horizontal line represents the roof surface, with a dimension of 1/2" indicated below it. A vertical line represents the wall, with a dimension of 5/8" indicated to its right. The roof and wall are shown as a single continuous structure.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EXPANSION JOINT
REPAIR SECTION

WAIKAKALAUA STREAM BRIDGE
Expansion Joint Repair
Project No. xxx-xx-xxx

Scale: As Noted Date: April 29, 2025

SHEET No. S-2 OF 2 SHEETS