

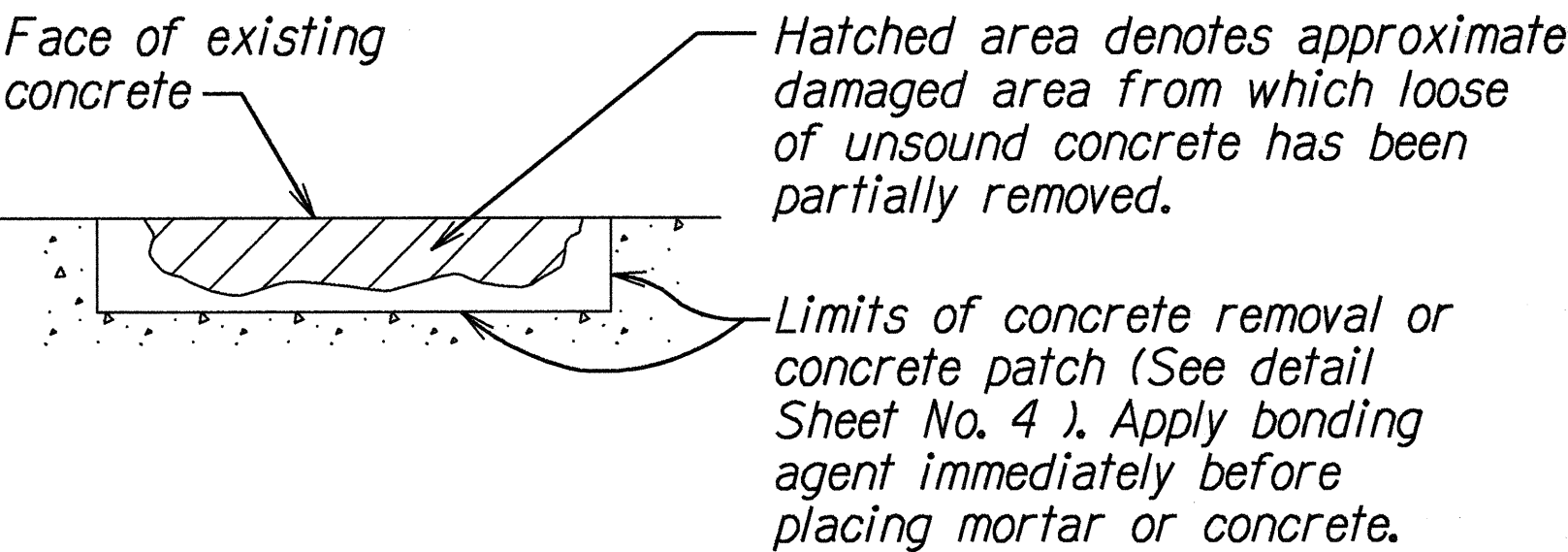
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-01-95M	1995	3	10

GENERAL NOTES

- The scope of work for this project consists of repairing spalls and cracks on concrete girders, ceilings, piers and abutments of the Wailua (Plantation) Bridge.
- The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 - Traffic Control.
- At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
- The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.

REPAIR NOTES:

- All deteriorated, damaged, cracked, spalled, honeycombed concrete or concrete over rusted reinforcing bars shall be removed as shown and repaired with hand-placed mortar or shotcrete.



- Provide minimum 2" concrete over reinforcement or welded wire fabric. See specifications for welded wire fabric requirements.
- Reinforcing bars that have rusted more than 25% of the original cross sectional area shall be strengthened as shown on the "Repair Splice Detail," See Sheet No. 4.
- Efflorescence shall be inspected and repaired as directed by the Engineer.
- The Engineer shall determine all areas to be repaired and the limits of repair at each area.
- Apply Hydrozo Clear 16 Waterproofing or equivalent to repaired areas as approved by the Engineer. Application shall be according to the Manufacturer's recommendations.

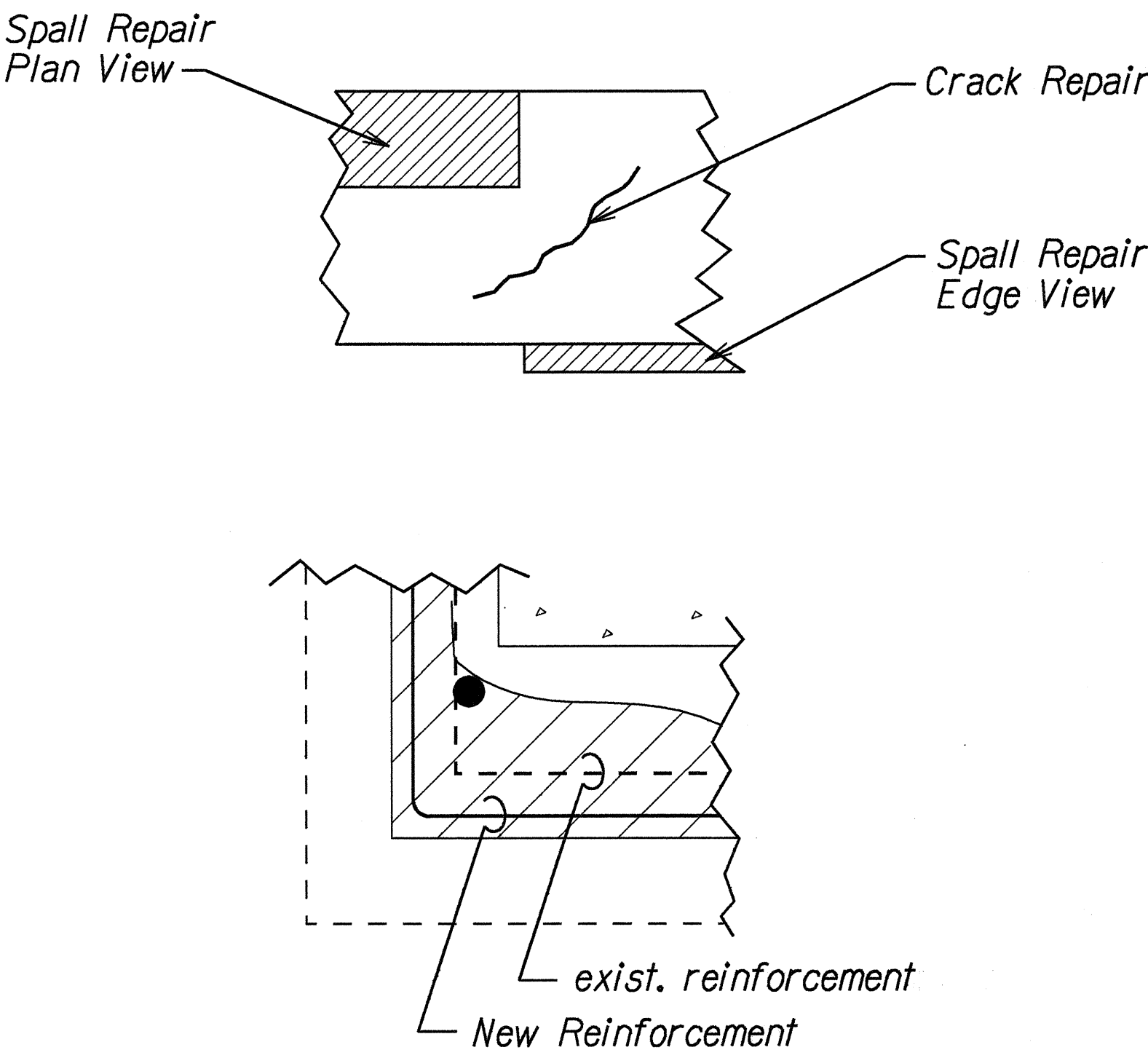
GENERAL:

- All reinforcing steel to be ASTM A615 Grade 40.
- All welding shall be done in accordance with the current edition of the Reinforcing Steel Welding Code AWS D1.4.

INCIDENTAL ITEMS: The following items shall be considered incidental to the various pay items of repair and will not be paid for separately.

- Bolts and other miscellaneous hardware including hot-dipped zinc-coating and welded wire fabric.
- Cleaning of all exposed, corrded reinforcing steel to sound metal.
- Reinforcing bars of repair splice for strengthening corroded bars.
- Furnishing and application of Hydrozo Clear 16 Waterproofing Material.

LEGEND:



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GENERAL NOTES & LEGEND**

**KUHIO HIGHWAY, REPAIR SPALLS  
ON WAILUA (PLANTATION) BRIDGE**

**Project No. 56A-01-95M**

Scale: As Shown Date: Jan., 1995

SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	SURVEY PLATTED BY	DATE
NOTES BOOK	DRAWN BY	1995
004, Jason	DESIGNED BY	
N. Aluhkgm	CHECKED BY	12-5-95