

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HI-1K-01-82M	1982	2	17

GENERAL NOTES

REPAIR NOTES:

- Face of exist. concrete.
- Reinforcing bars that have corroded more than 25% of their original cross sectional area shall be strengthened as shown on Repair Splice Detail this sheet.
- Exposed boundaries of repair areas shall be saw cut in rectangular shapes to a depth of one inch.

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

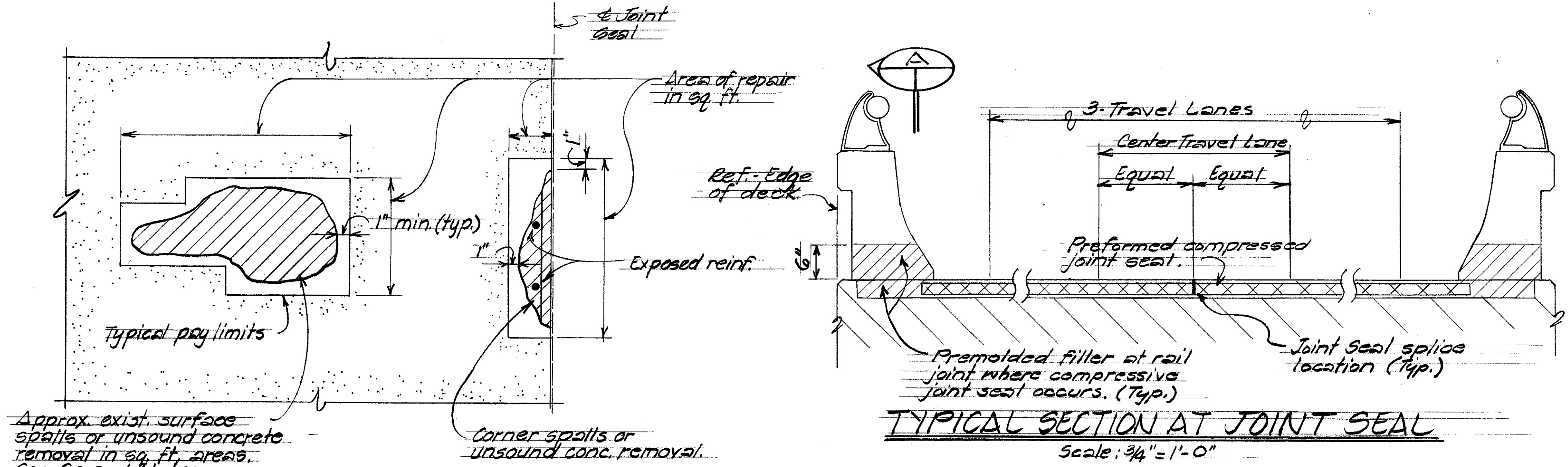
- Cleaning of corroded reinforcing steel to sound metal.
- Furnishing and welding of reinforcing bars of repair splice for strengthening corroded bars.
- Saw cutting of concrete.

GENERAL:

- All reinforcing steel to be ASTM A615 Grade 40.
- All welding shall be done in accordance with the AWS Structural Welding Code - Reinforcing Steel D 1.4 and section 602 of the Specifications

SYMBOLS & ABBREVIATIONS:

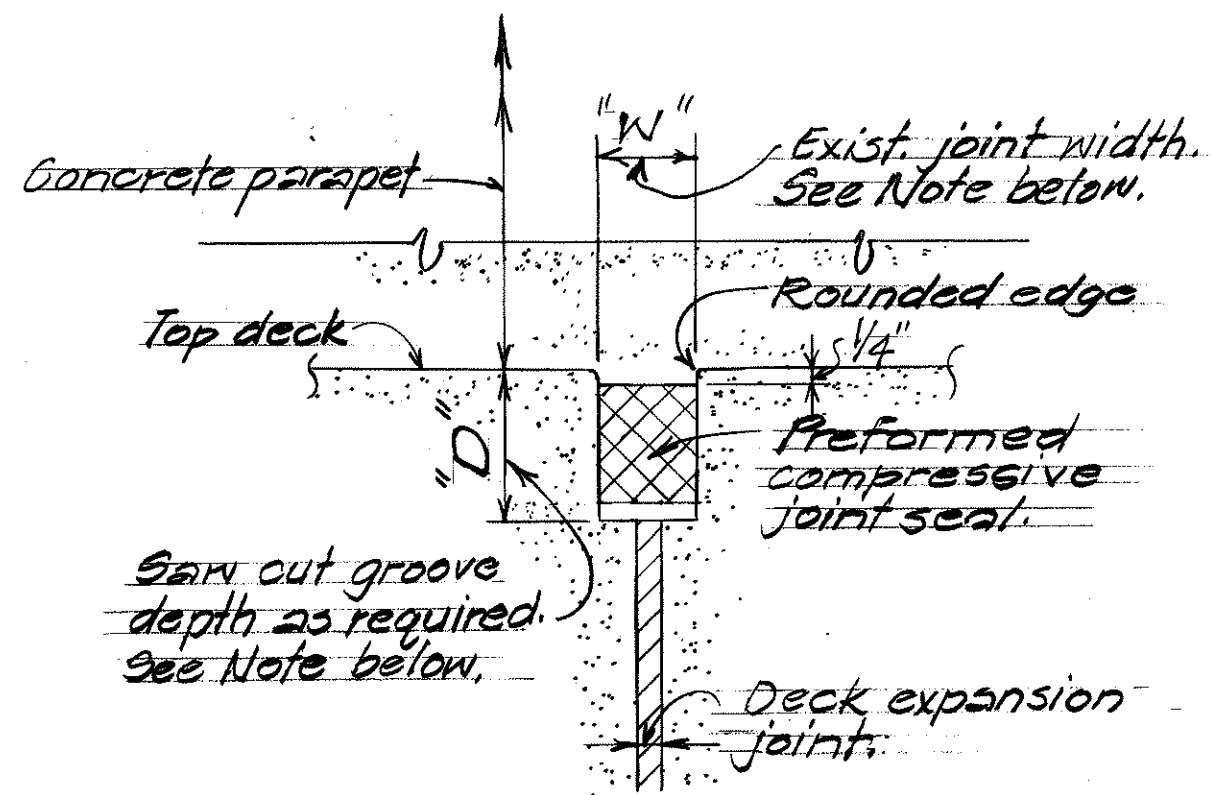
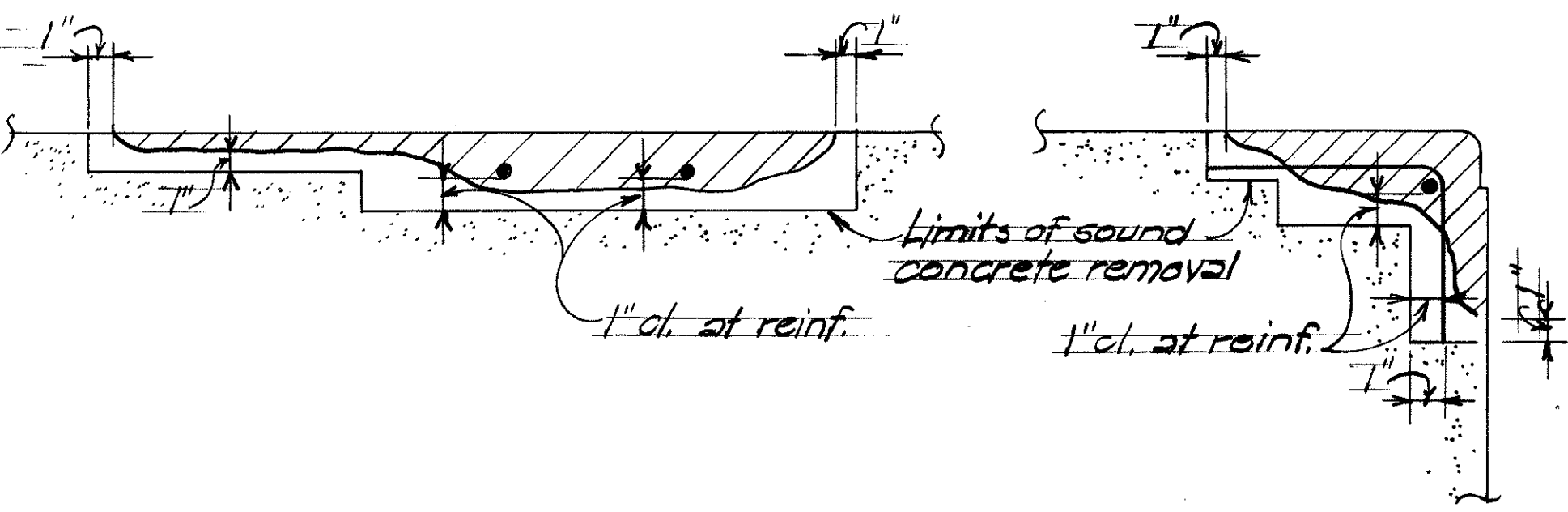
- Exposed reinf. bars where occurs.
- S.S. = Surface spall (concrete)
- C.S. = Corner spall (concrete)
- Denotes repair work of existing bridge structure.
- f; sq. ft; s.f. = Square Feet



TYPICAL SECTION AT JOINT SEAL

Scale: 3/4" = 1'-0"

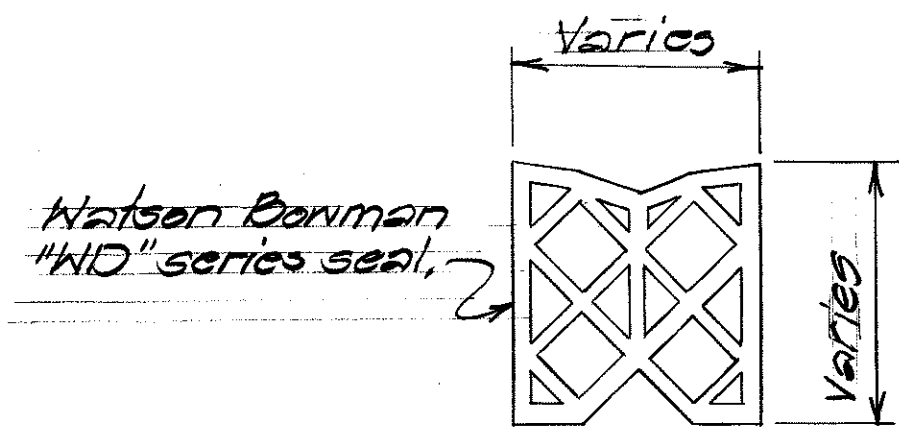
PLAN



SECTION

Not to Scale

NOTE:
 "W" - Existing joint width. This width shall also be the installation width of the new preformed joint seal. The new preformed joint seal size shall be determined by this installation width as recommended by the manufacturer and shall be approved by the Engineer. This width "W" shall be uniform throughout and shall be saw cut, if required, as approved by the Engineer.
 "D" - Groove depth as recommend by the manufacturer. This depth shall be obtained by saw cutting, as required.



SEAL DETAIL

Not to scale

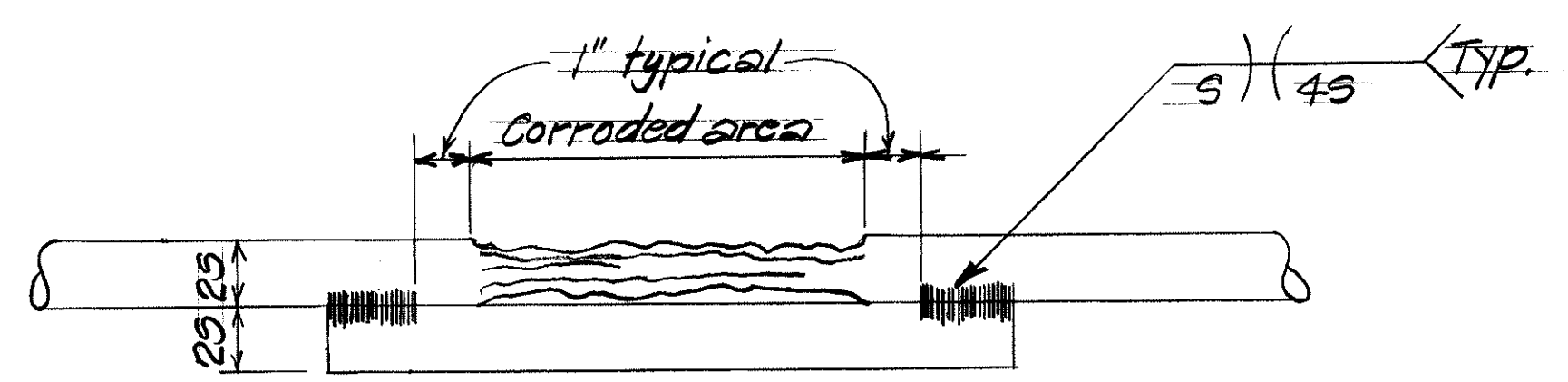
AT SURFACE

AT CORNERS

TYPICAL SECTIONS

TYPICAL CONCRETE REPAIRS

Not to Scale



TYPICAL REINFORCING BAR REPAIR SPLICE DETAIL

Not to scale

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

LAND TRANSPORTATION FACILITIES DIVISION

TYPICAL DETAILS

REHABILITATION & REPAIRS

TO BRIDGE

INTERSTATE HIGHWAY (LUNALILO FREEWAY)

Proj. No. HI-1K-01-82M

Scale: As Noted Date: June, 1982

SHEET NO. 81 OF 10 SHEETS

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