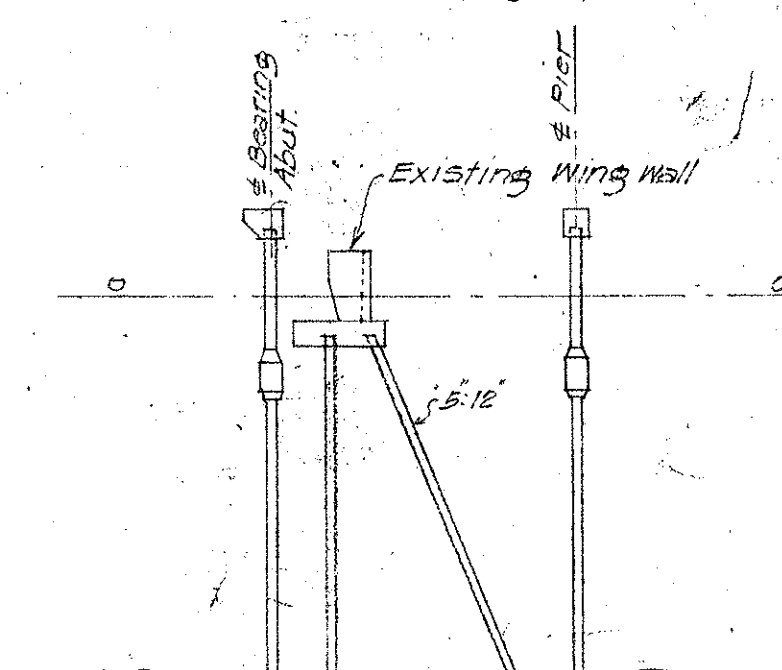
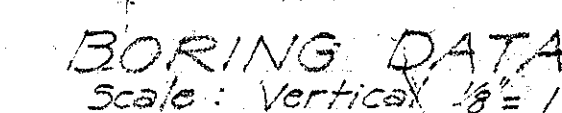
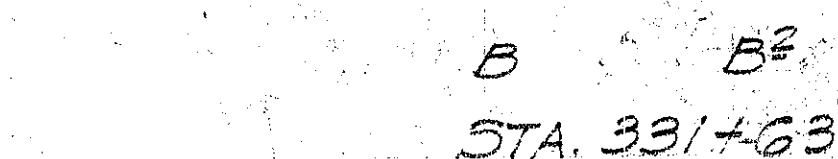
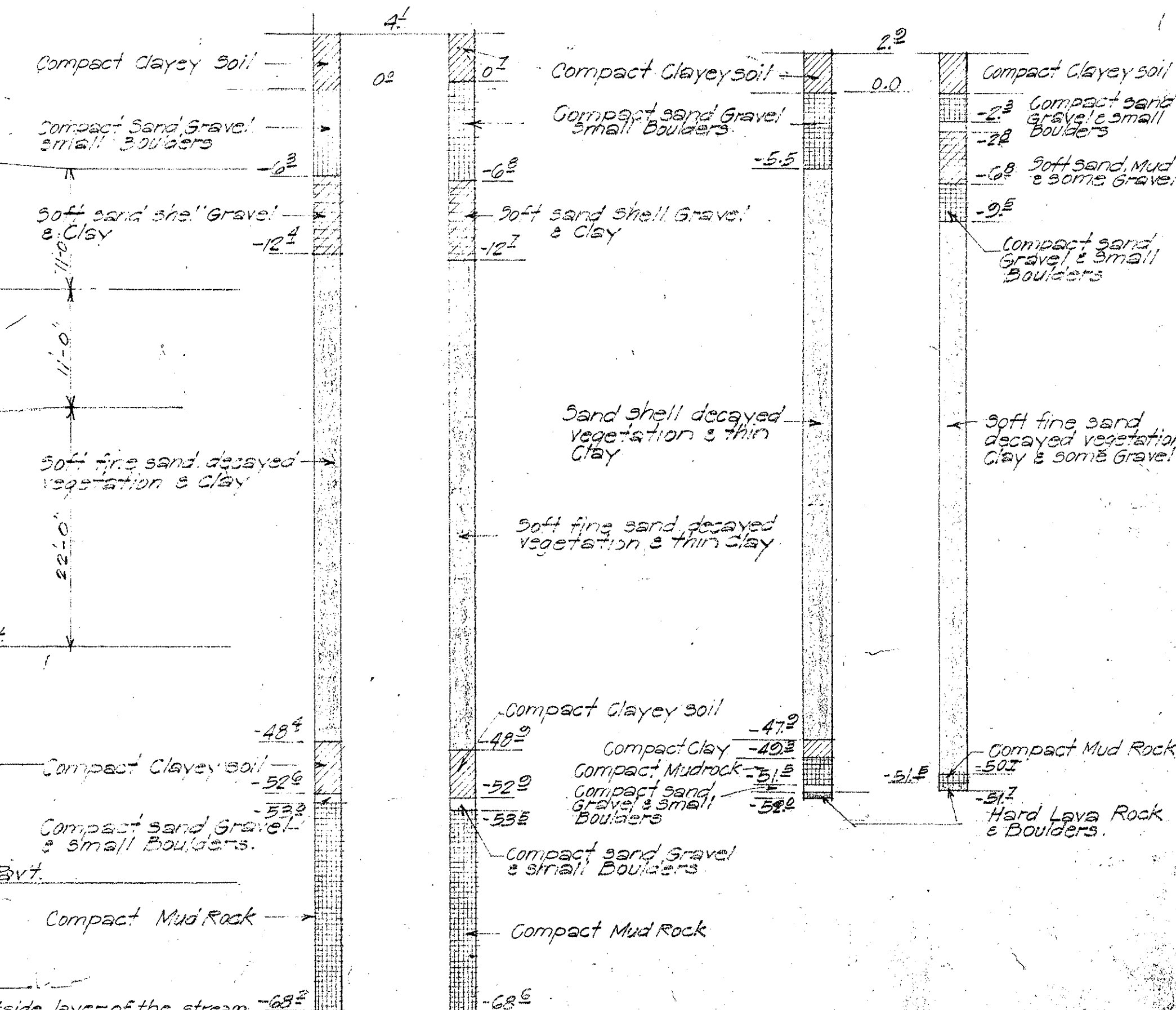
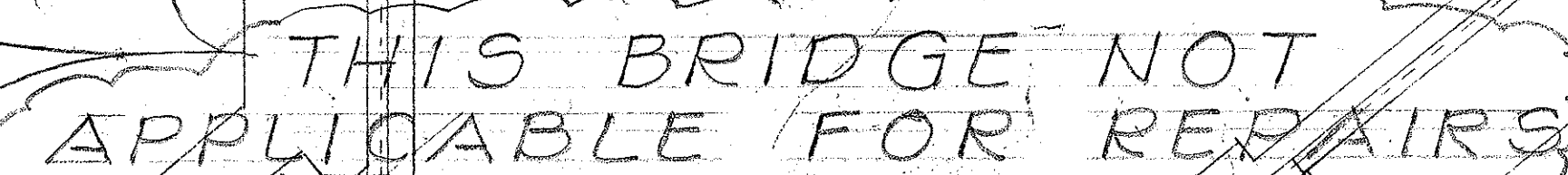
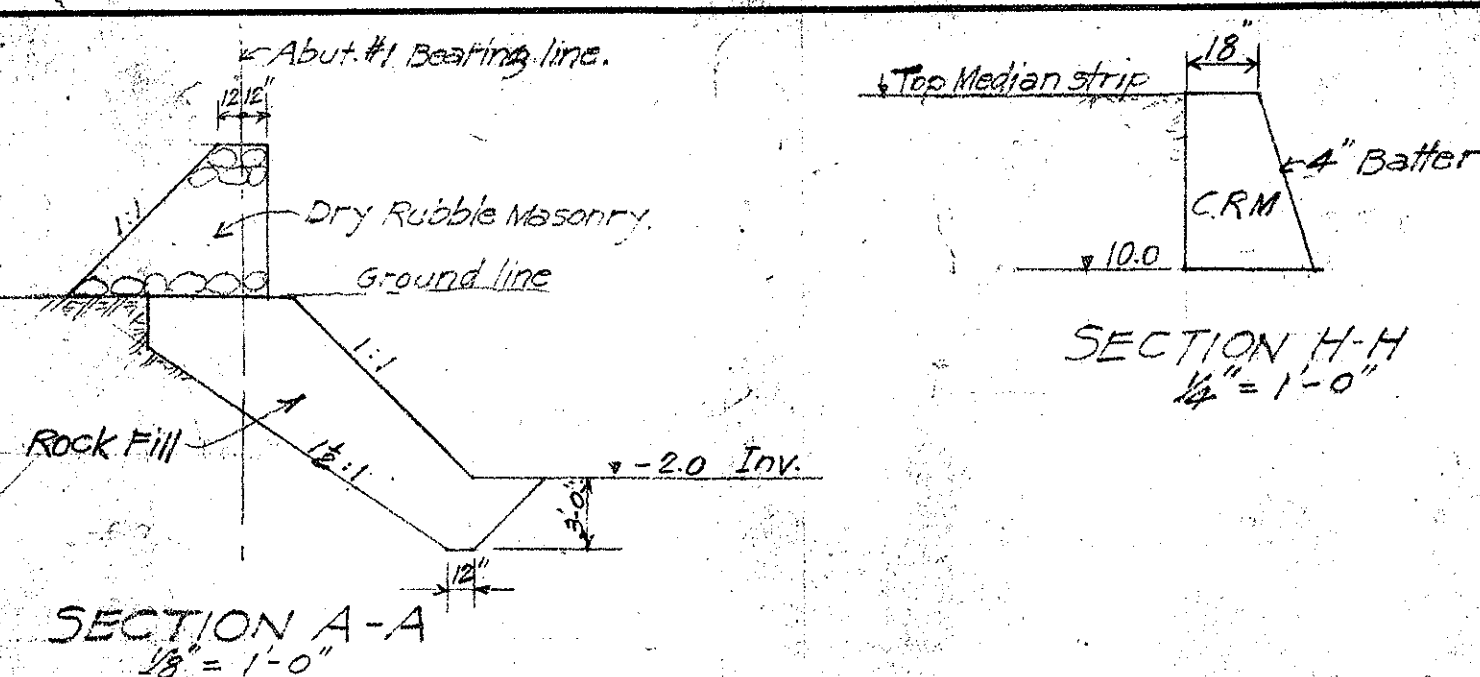


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-0172	1972	24	43

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
1100000	1100000	1100000	1100000	6	13



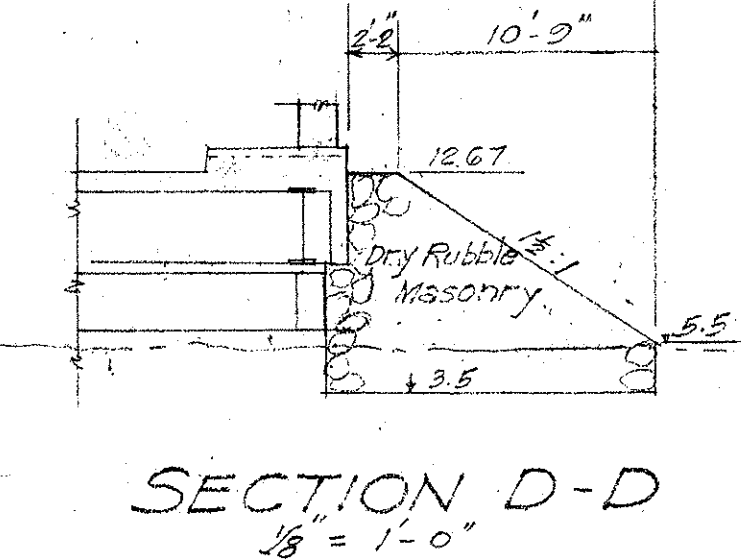
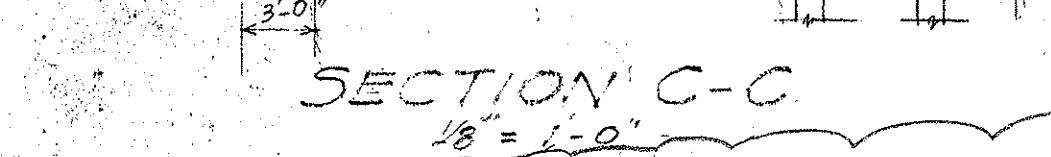
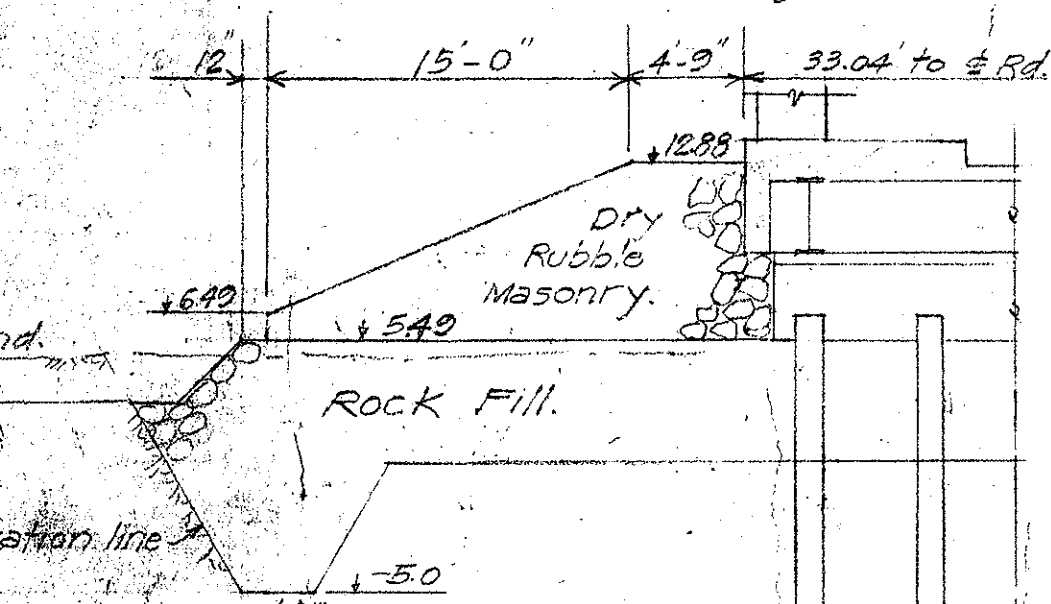
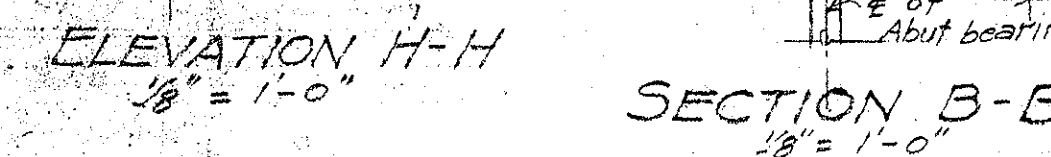
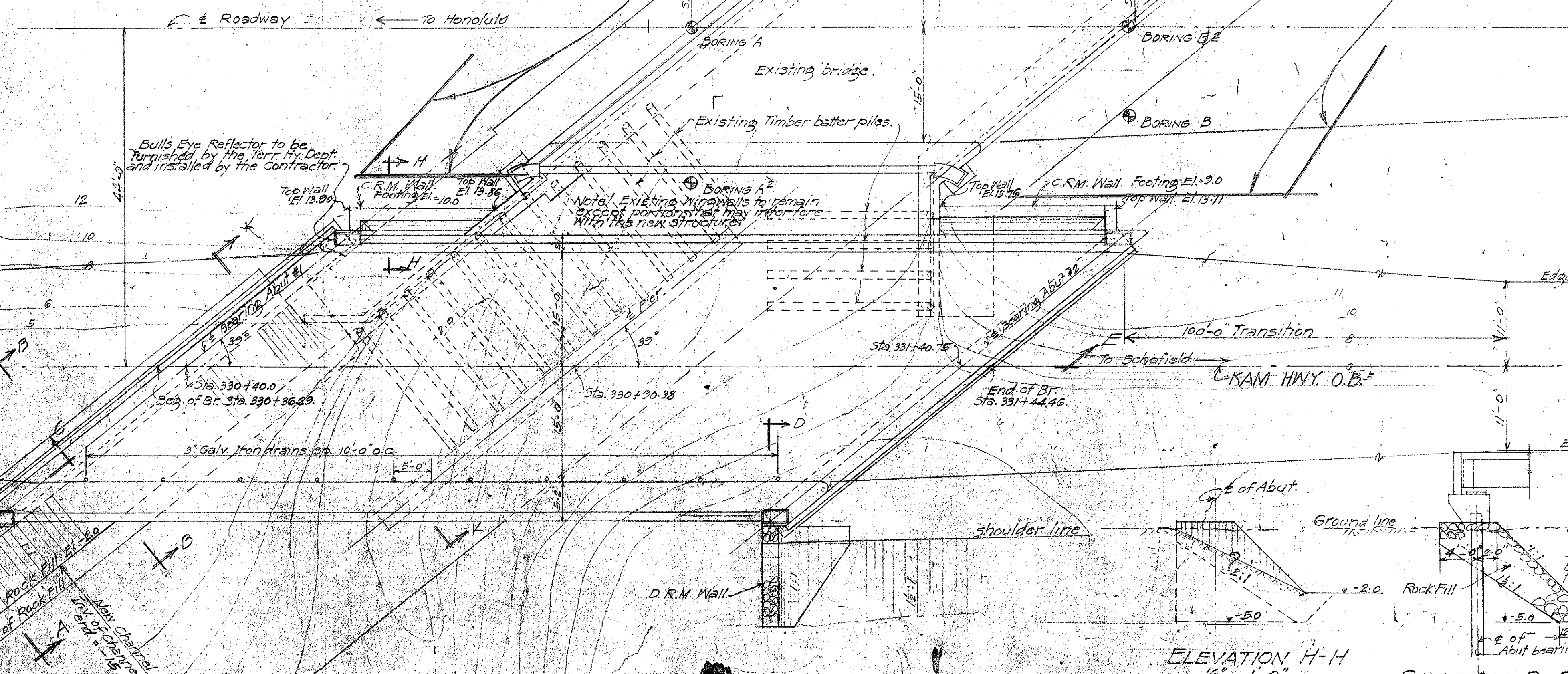
THIS DRAWING IS IN PART ORIGINAL
CONTRACT PLANS OF EXISTING
KALAUAO BRIDGE FOR INFOR-
MATION AND GUIDANCE TO REPAIR
WORKS.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

REHABILITATION AND REPAIRS
TO KALAU TREAM BRIDGE

PROJ. NO HWY-0-01-72 NOV, 1971

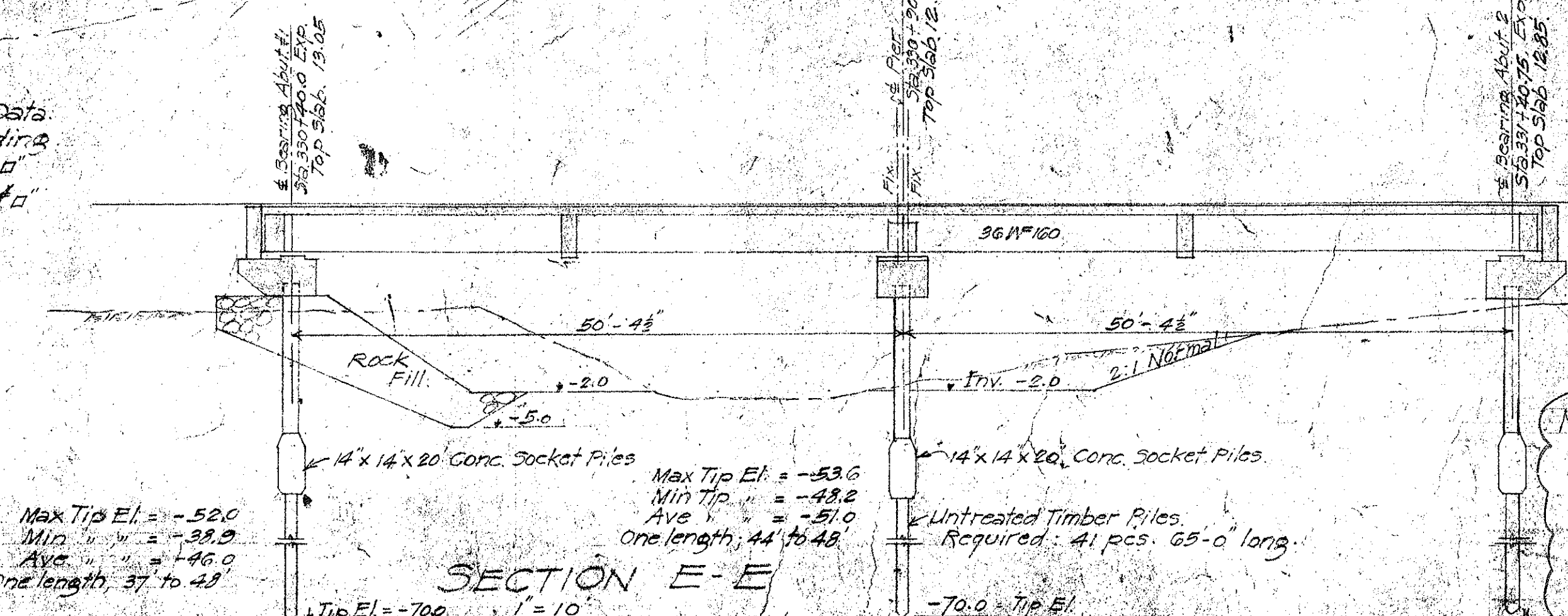
SHEET No 1 OF 3 SHEETS



Note!
All concrete except in socket piles to be Class A-1.
Concrete in socket piles to be Class E-1.
Piles to have integral waterproofing, Tricoal or equal. See Pamphlet M Section 1c.
Structural steel. Steel Company to furnish girder with camber of $\frac{3}{4}$ ". All structural steel except beam plates to receive one shop coat of red lead paint, and two field coats of black paint as per specifications Pamphlet R Section 1. Field coats to be applied after pouring of deck slab.

Note: Refer to typical concrete repair detail - sht. # T-2 for notes and additional details

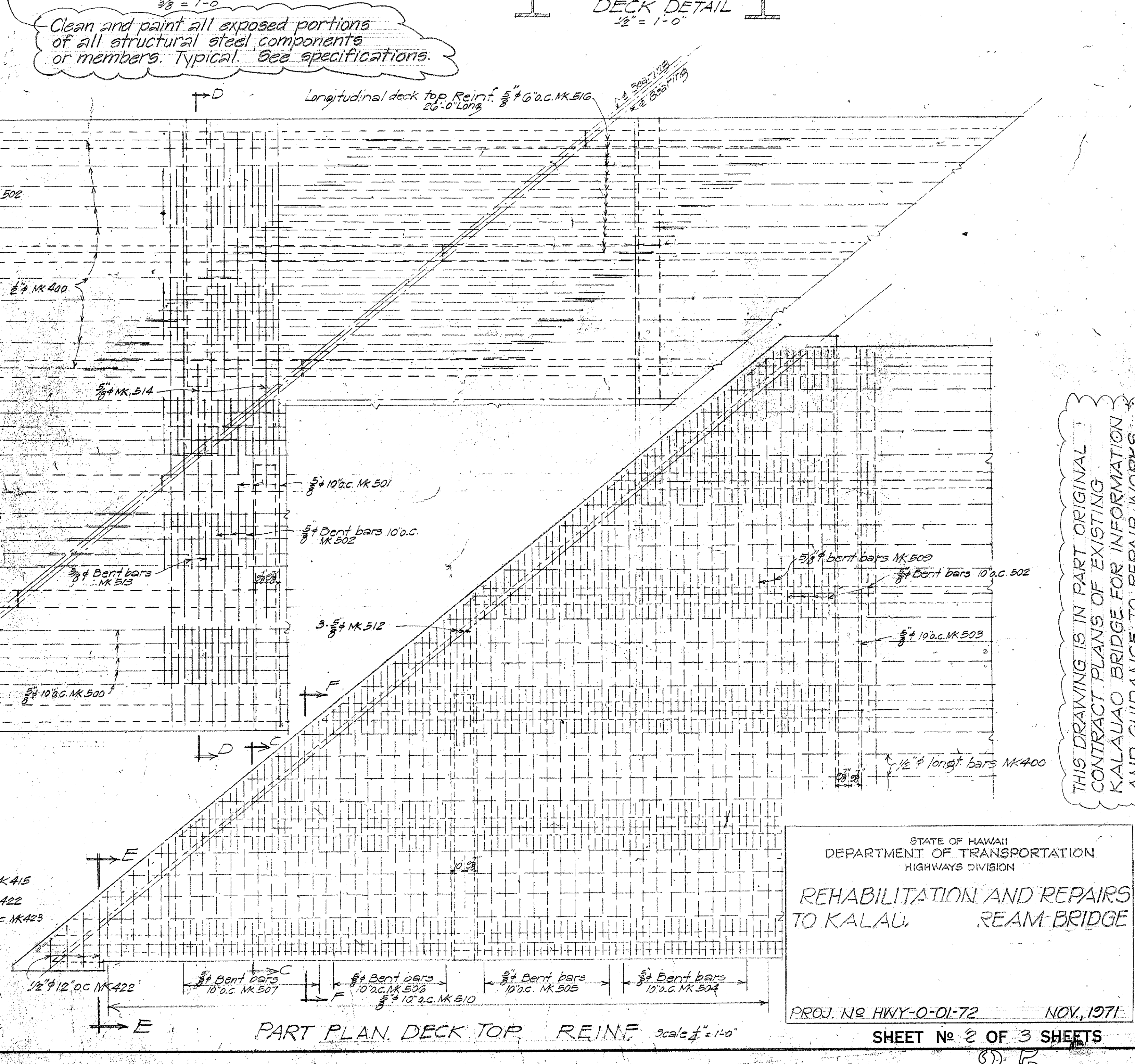
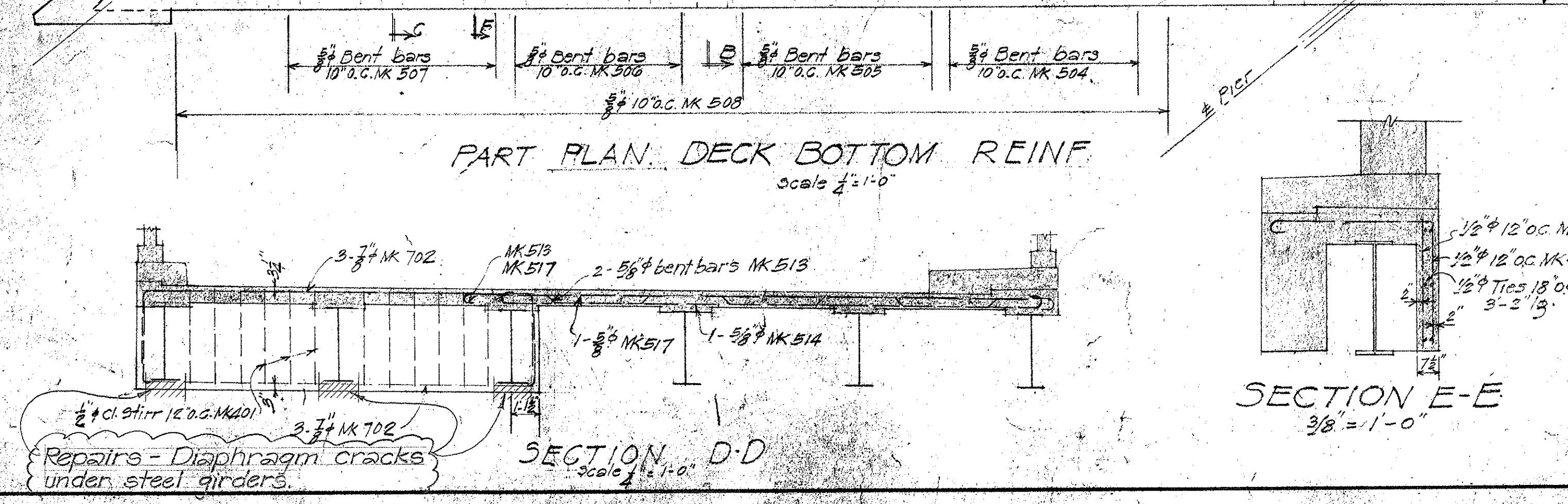
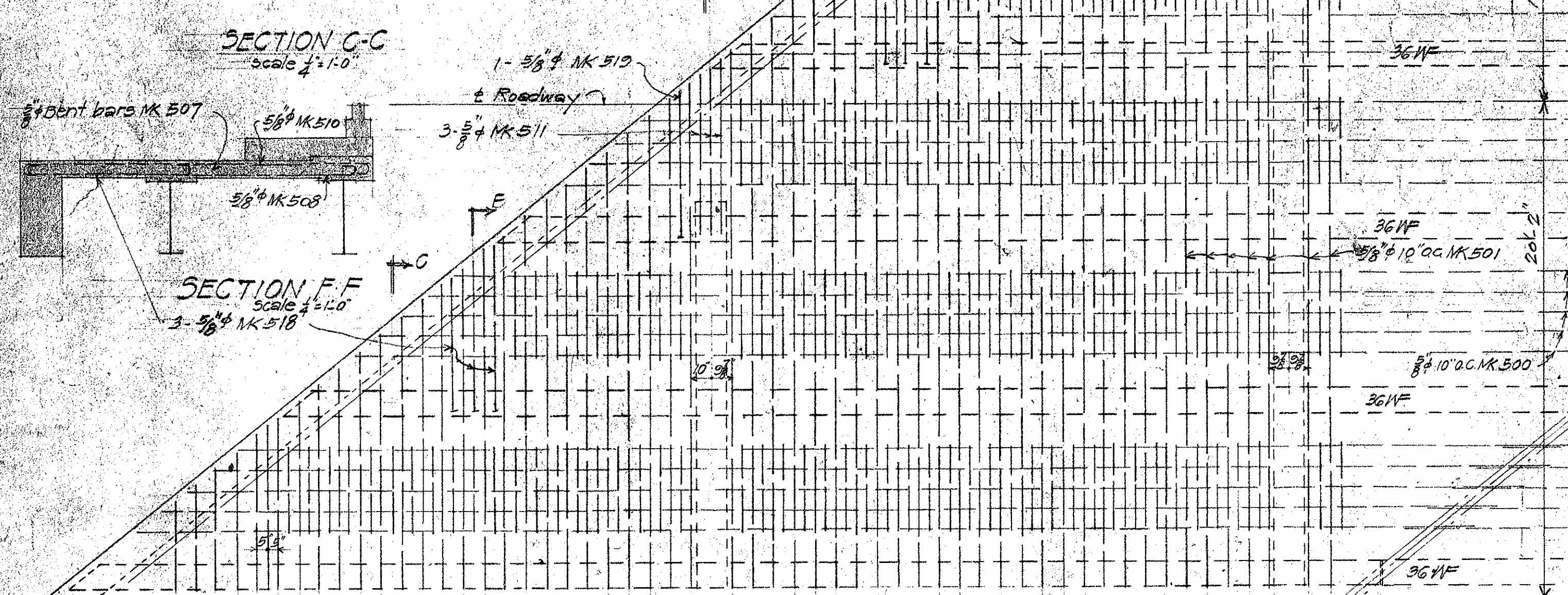
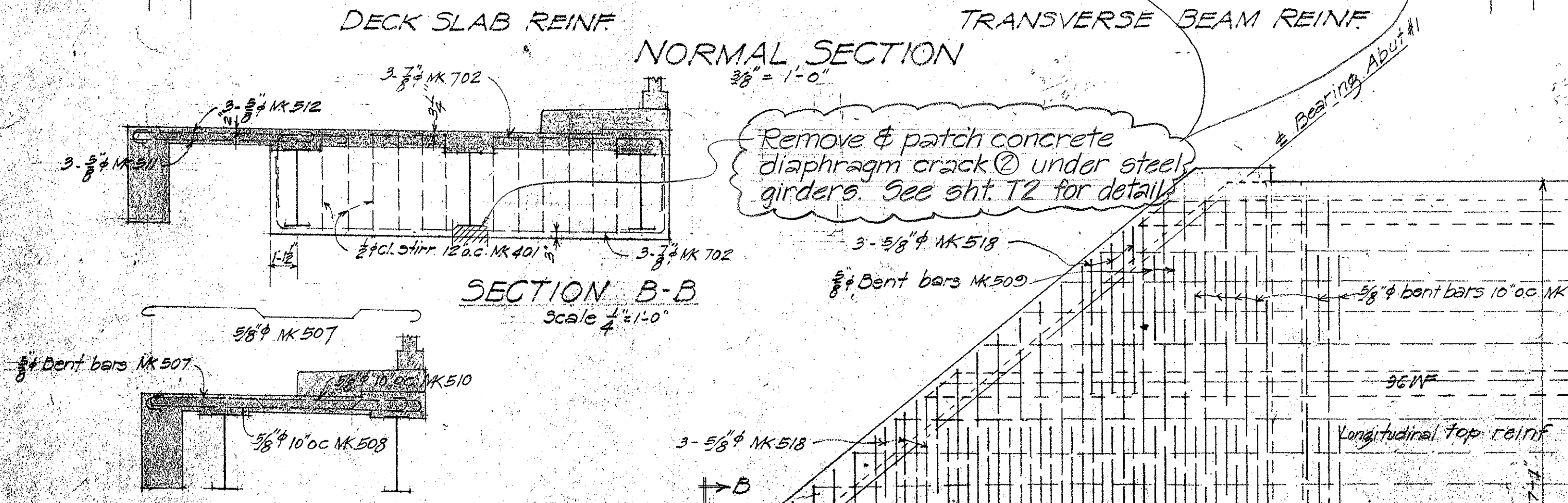
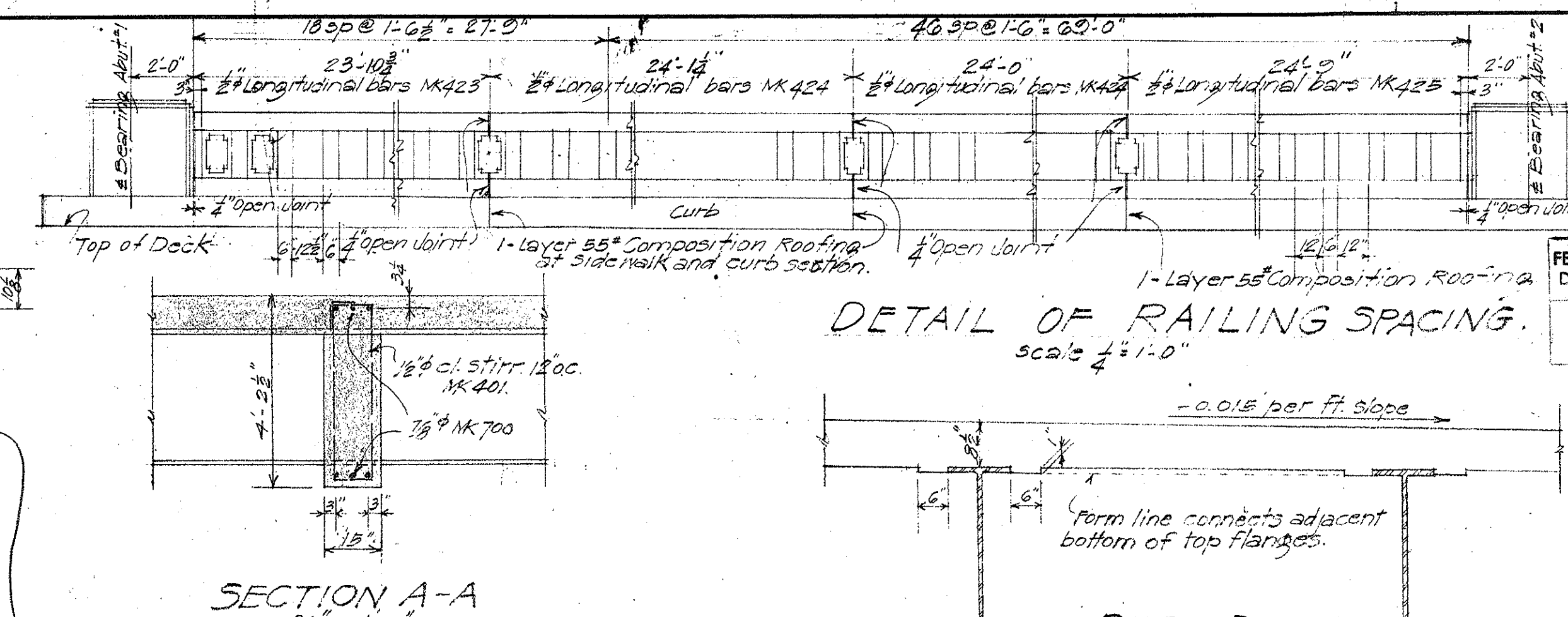
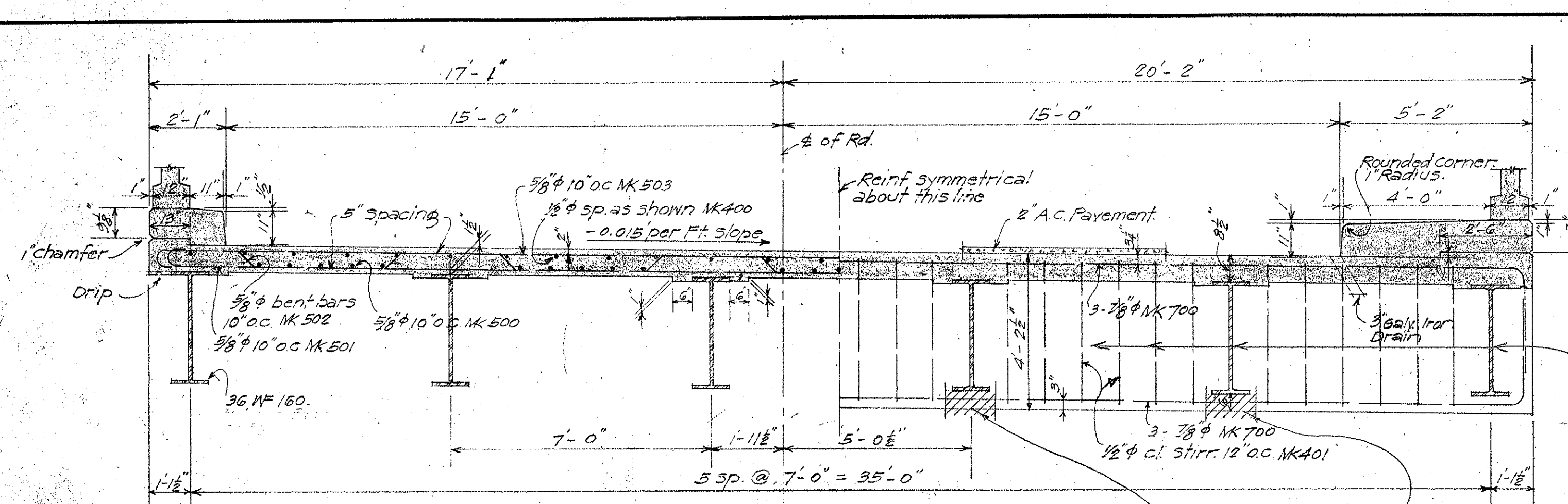
ITEMS OF REPAIR AND ESTIMATED QUANTITIES			
ITEM NO	DESCRIPTION	UNIT	QUANTITY
646.07	Repairs to Kalauao Stream Bridge with shotcrete and/or Hand-Placed Mortar - Types 1, 2 and 3.	S.F.	71
648.01	Cleaning and painting of the structural steel portion of Kalauao Stream Bridge superstructure	L.S.	Lump Sum



ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	5/15
	DESIGNED BY	6/15
	TRACED BY	
NOTE BOOK	QUANTITIES BY	
	QUANTITIES CHECKED BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-01-72	1972	25	43

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-01-72	1972	25	43



THIS DRAWING IS IN PART ORIGINAL CONTRACT PLANS OF EXISTING KALALAO BRIDGE FOR INFORMATION AND GUIDANCE TO REPAIR WORKS.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

REHABILITATION AND REPAIRS
TO KALALAO BEAM BRIDGE

PROJ. NO. HWY-0-01-72 NOV. 1971

SHEET NO. 2 OF 3 SHEETS

SURVEY PLOTTED BY
DESIGNED BY
CHECKED BY

ORIGINAL
PLAN
NOTE BOOK

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	DWNR 105	1915	9	15

