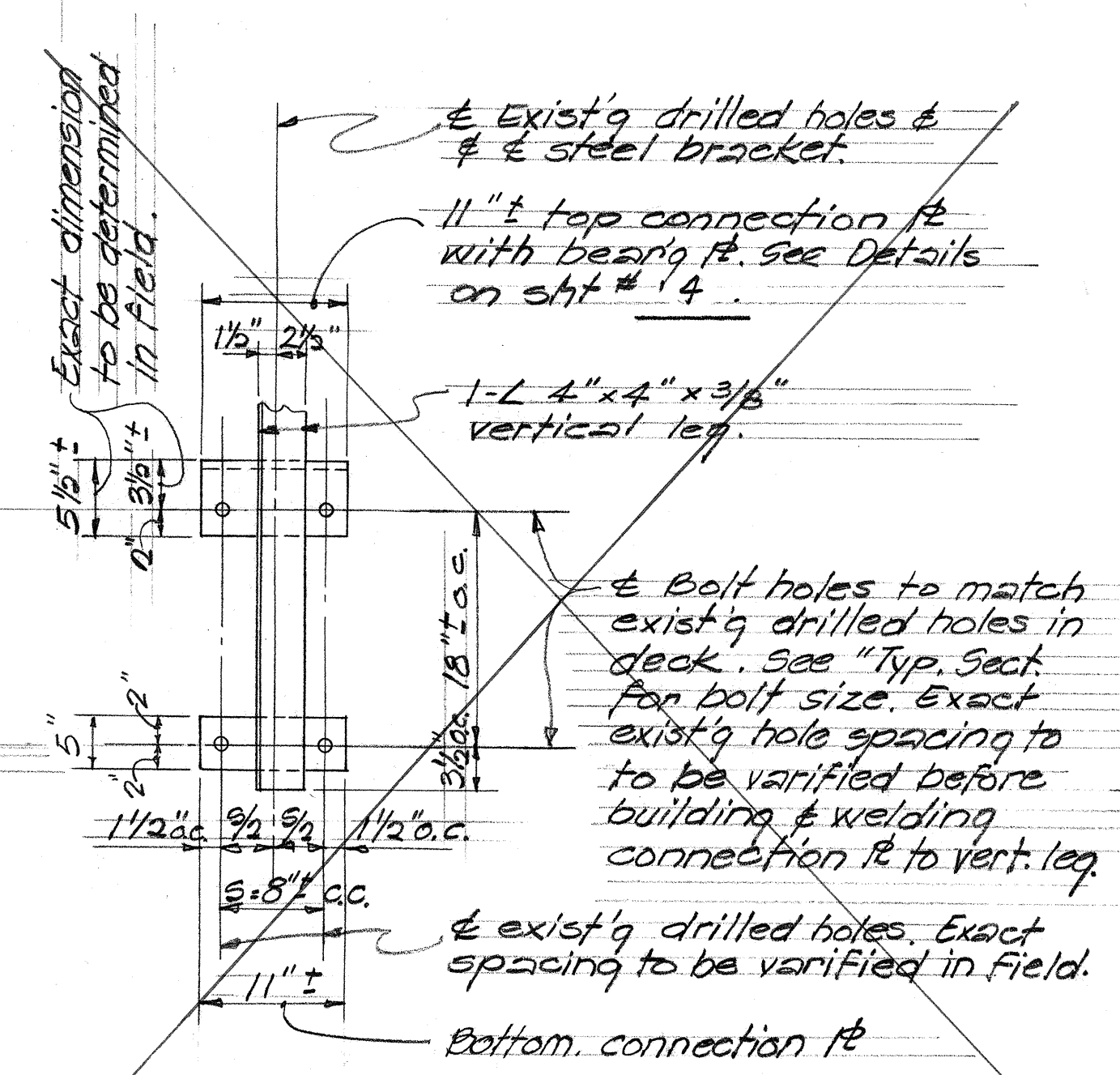
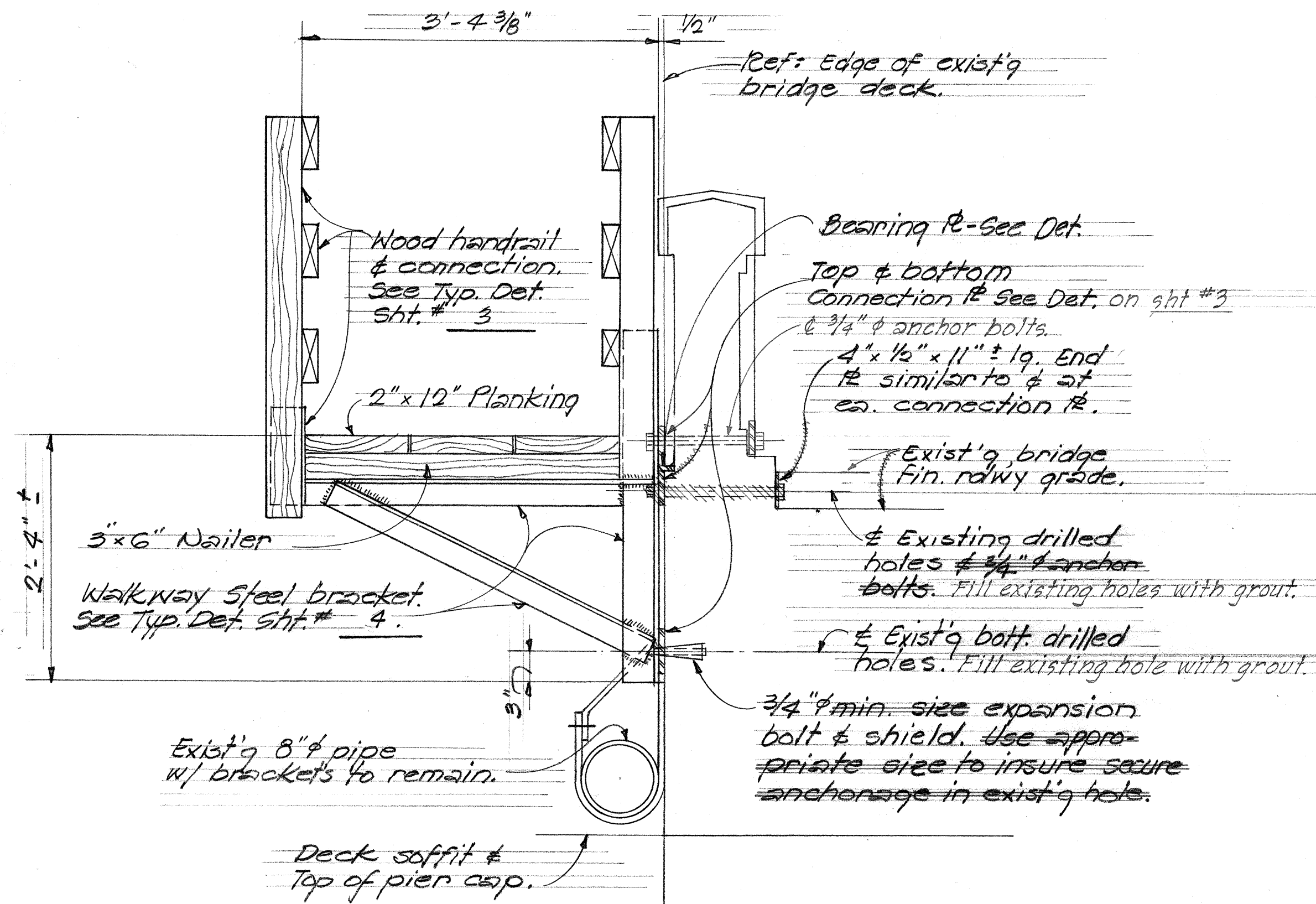
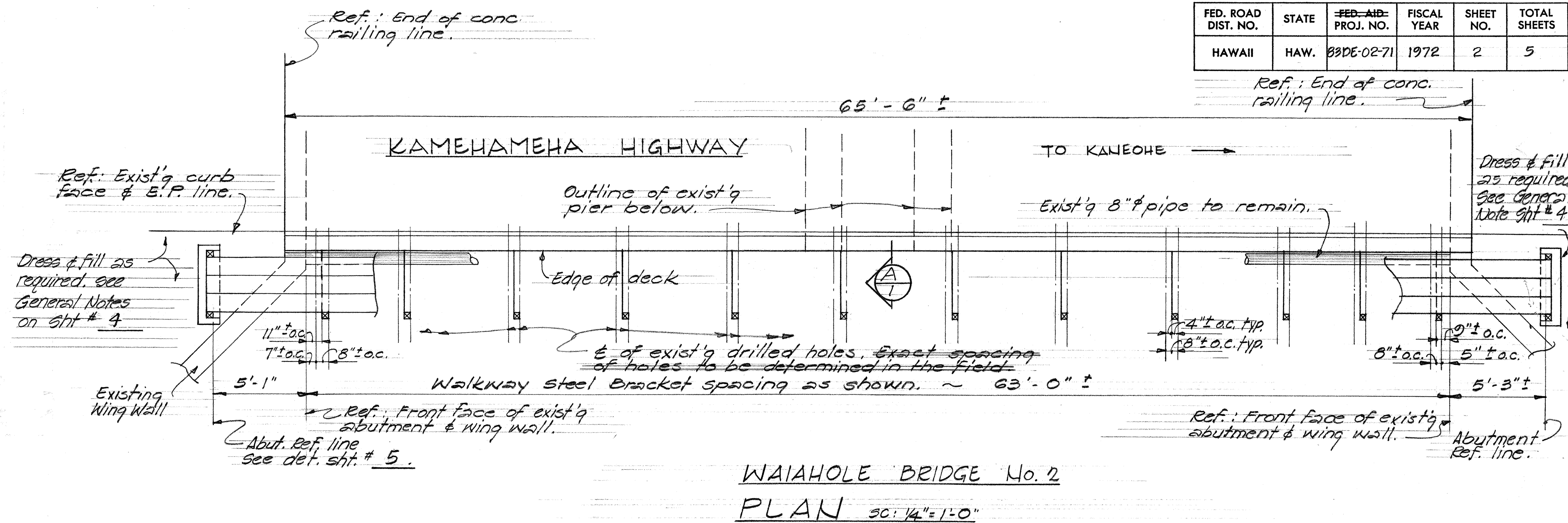


FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83DE-02-71	1972	2	5



CONSTRUCTION REMARKS

Due to resurfacing, the existing drilled holes on the roadway side were below finish roadway grade. New holes were drilled and the Waiahole Footbridge was constructed similar to the Footbridge for Kahana (South) Bridge.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FOOTBRIDGES FOR
WAIAHOLE BR. NO. 2

PLAN, TYPICAL SECTION & DETAIL

Proj. No. 83DE-02-71

SEPTEMBER 1971

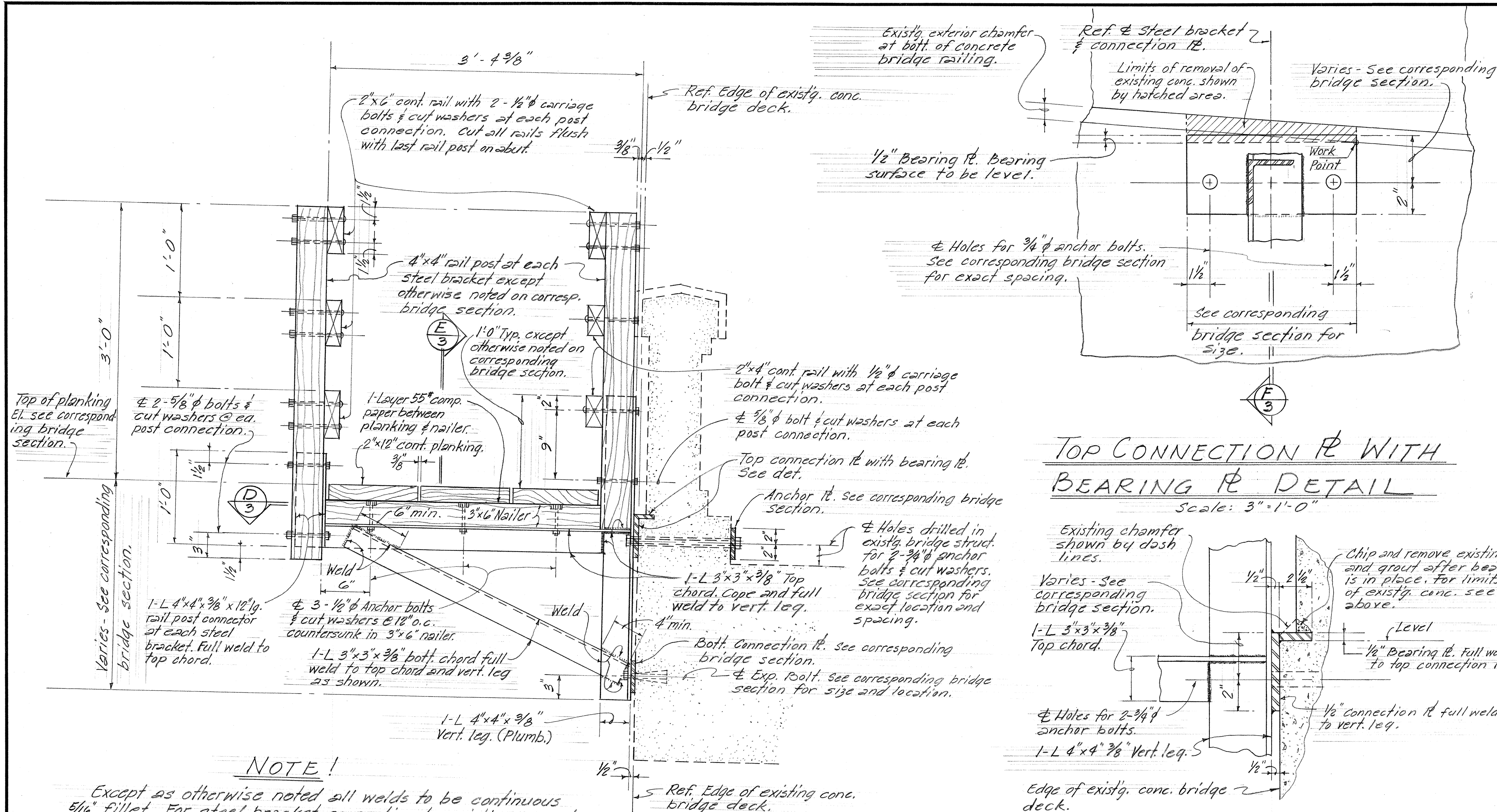
SHEET No. 1 OF 4 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	89-DE-0271	1972	4	5

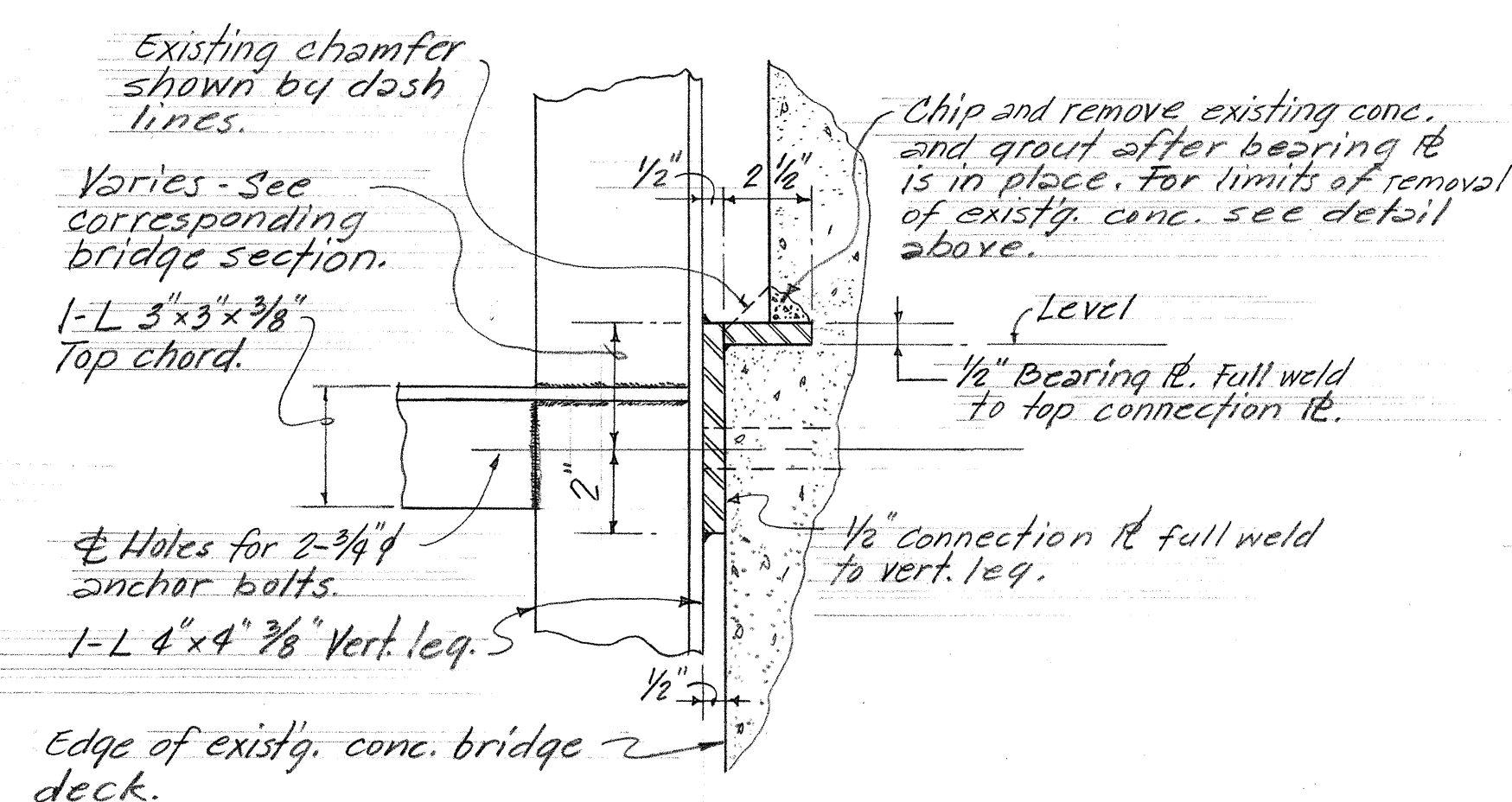
GENERAL NOTES

- ① All concrete to be Class B concrete except as otherwise noted.
- ② All timber to be Douglas Fir, select structural grade, S4S, and wolmanized.
- ③ All bolts, nuts, cut washers & expansion shields shall be galvanized.
- ④ Painting - see Special Provisions.
- ⑤ Except as otherwise noted all welds to be $\frac{5}{16}$ " continuous fillet weld. It shall conform to the latest Specifications for welded Highway and Railway Bridge Design, Construction, and Repair, of the American Welding Society.
- ⑥ It shall be the responsibility of the contractor to verify the locations of all existing utility lines and details of existing concrete bridge structure before fabrication of steel brackets and connecting members. All dimensions indicated on the Plans shall be verified in the field by the contractor.
- ⑦ All brackets shall be hot dip galvanized after fabrication.
- ⑧ Back fill and dressing of approaches to footwalks shall be limited to 5 feet beyond end of abutment except otherwise noted on Plans.



TOP CONNECTION & WITH BEARING & DETAIL

Scale: 3" = 1'-0"

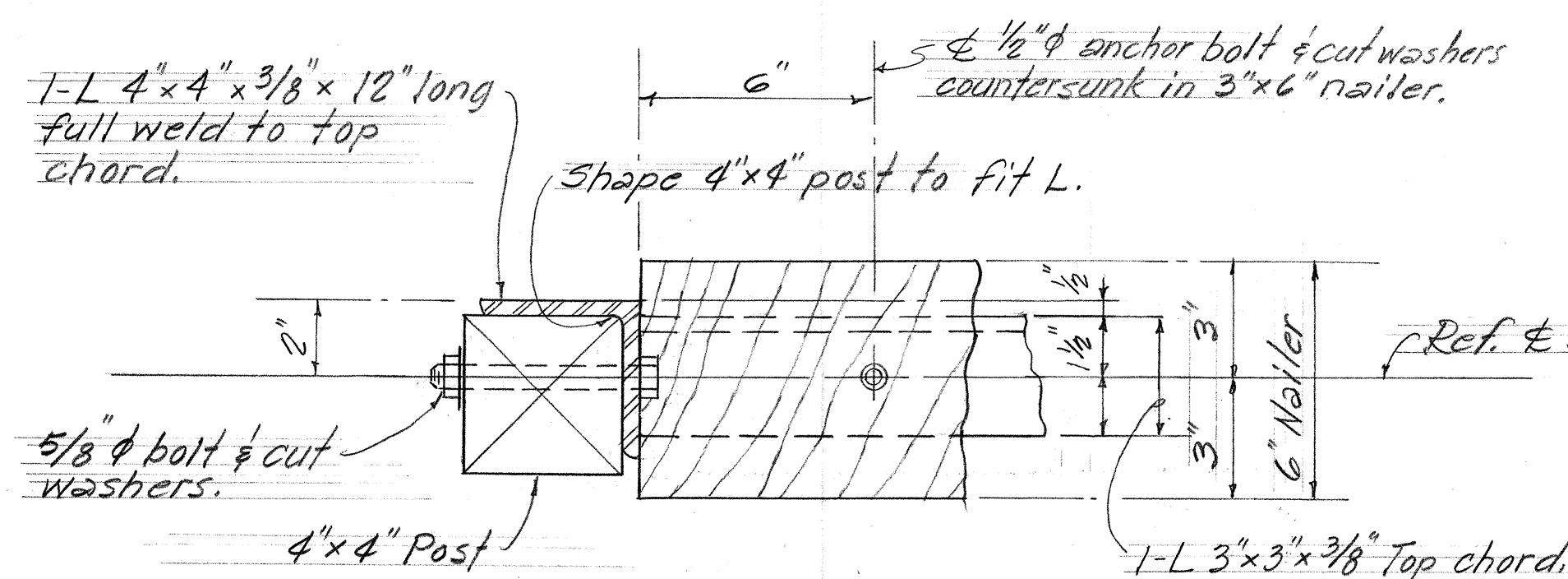


SECTION $\left(\frac{F}{3} \right)$
Scale: 3" = 1' - 0"

Scale: 3" = 1'-0"

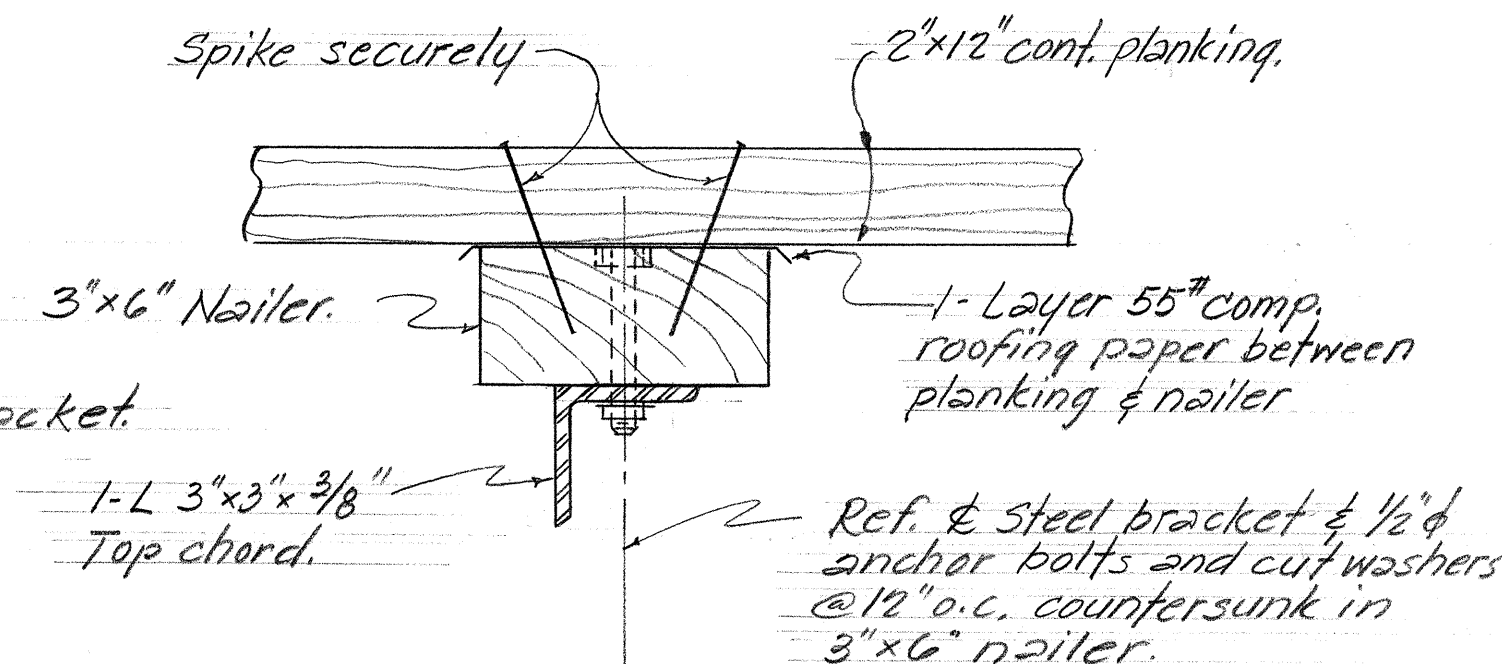
TYPICAL DETAIL
FOOTBRIDGE STEEL BRACKET

Scale: $1\frac{1}{2}'' = 1'-0$



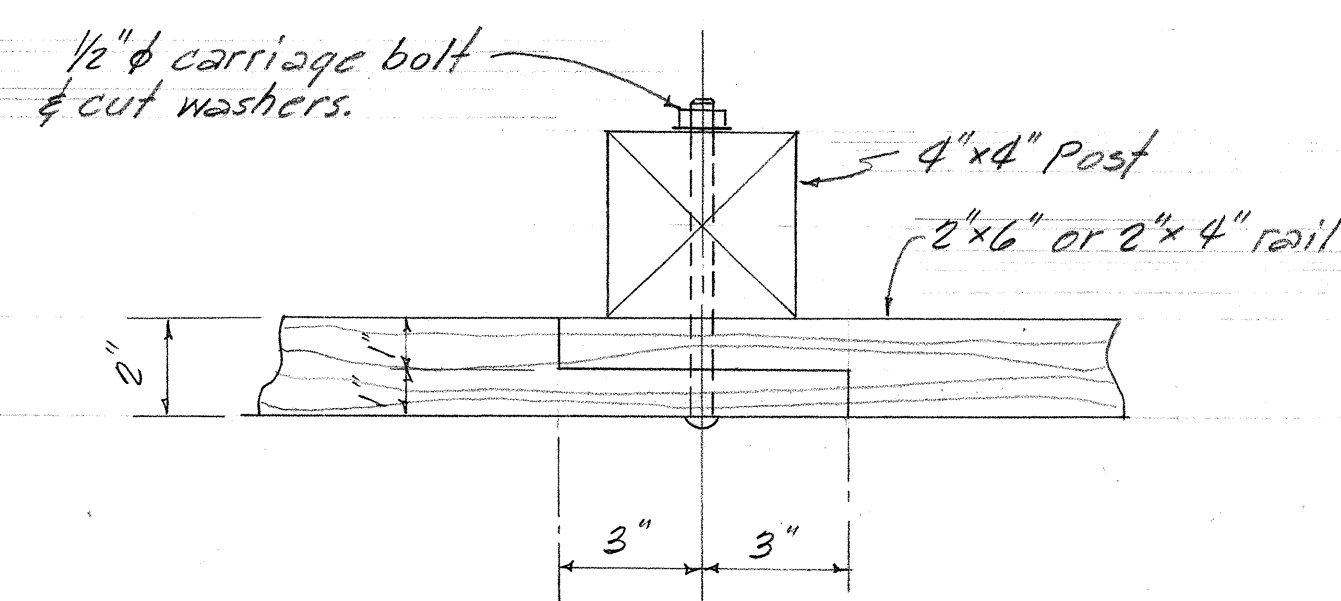
SECTION $\frac{D}{3}$
Scale: 3" = 1'-0"

Scale: 3" = 1' - 0"



SECTION $\left(\frac{E}{3} \right)$
Scale: 3" = 1'-0"

Scale: 3" = 1'-0"



TYP. RAILING SPLICE DETAIL
Scale: 3" = 1'-0"

Scale: 3" = 1'-0"

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

PRINTED ON NO. 1000H CLEARBRIN

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FOOTBRIDGES FOR
WAIHOLE BR. NO. 2 & KAHANA (SO) BR.
TYPICAL DETAILS & SECTIONS
Proj. No. 83DE-02-71
SEPTEMBER 1971

SHEET No. 3 OF 4 SHEETS

