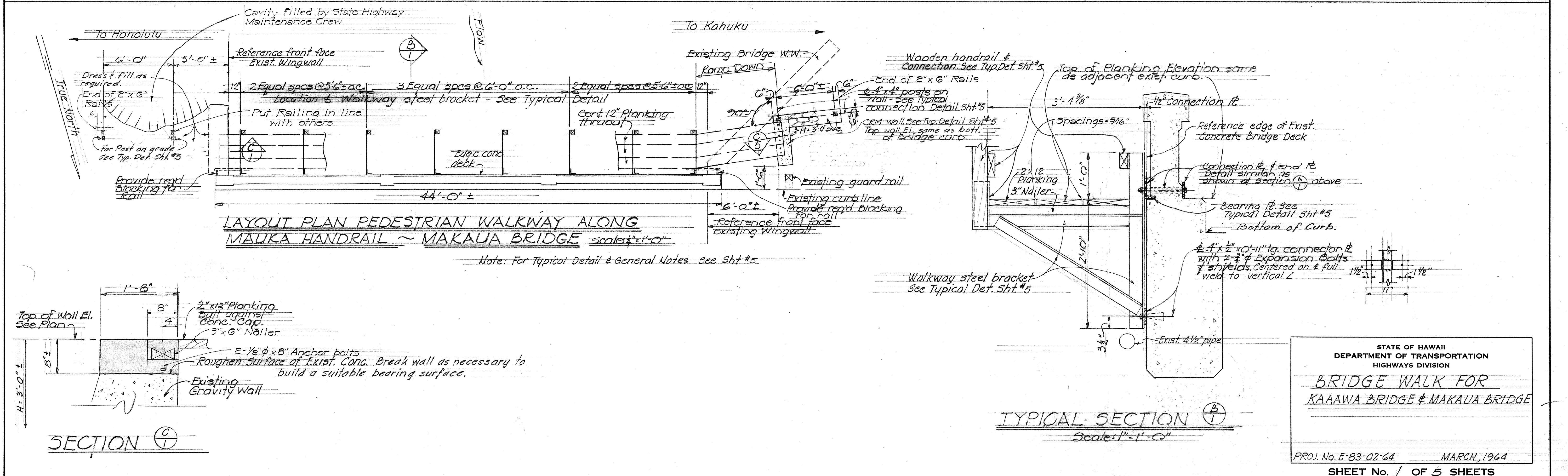
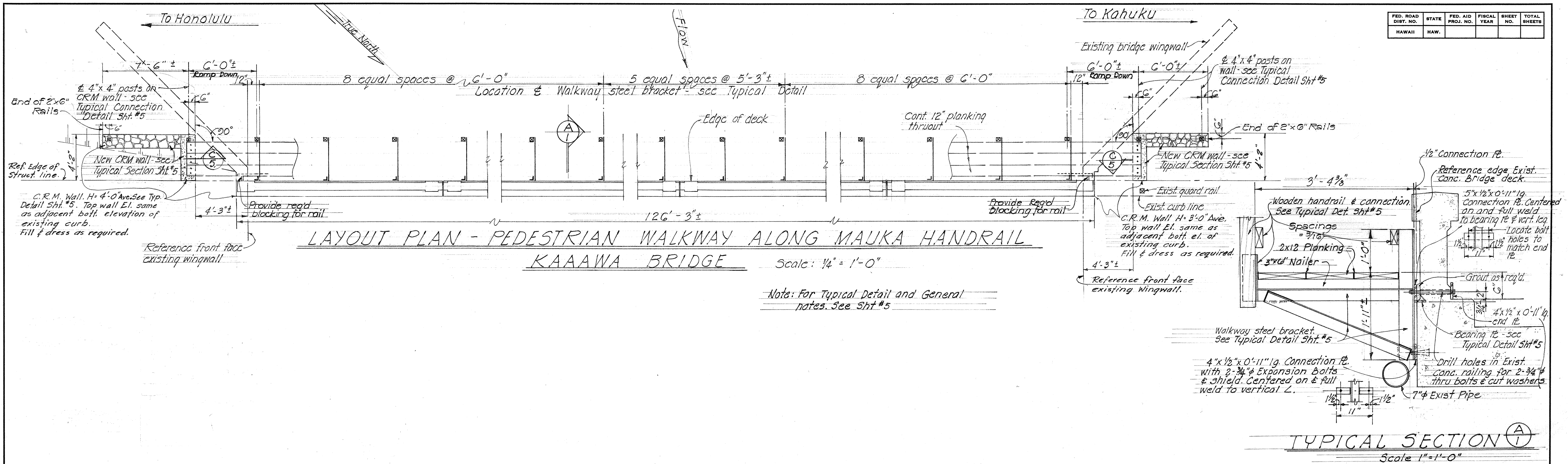


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.				

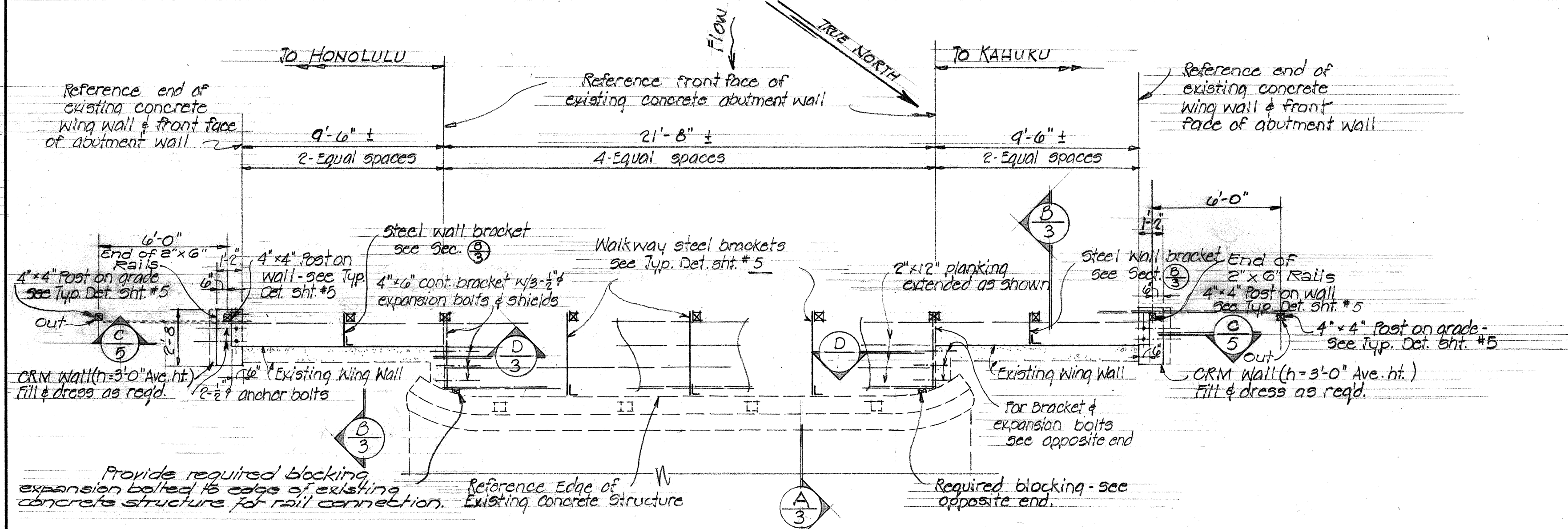


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

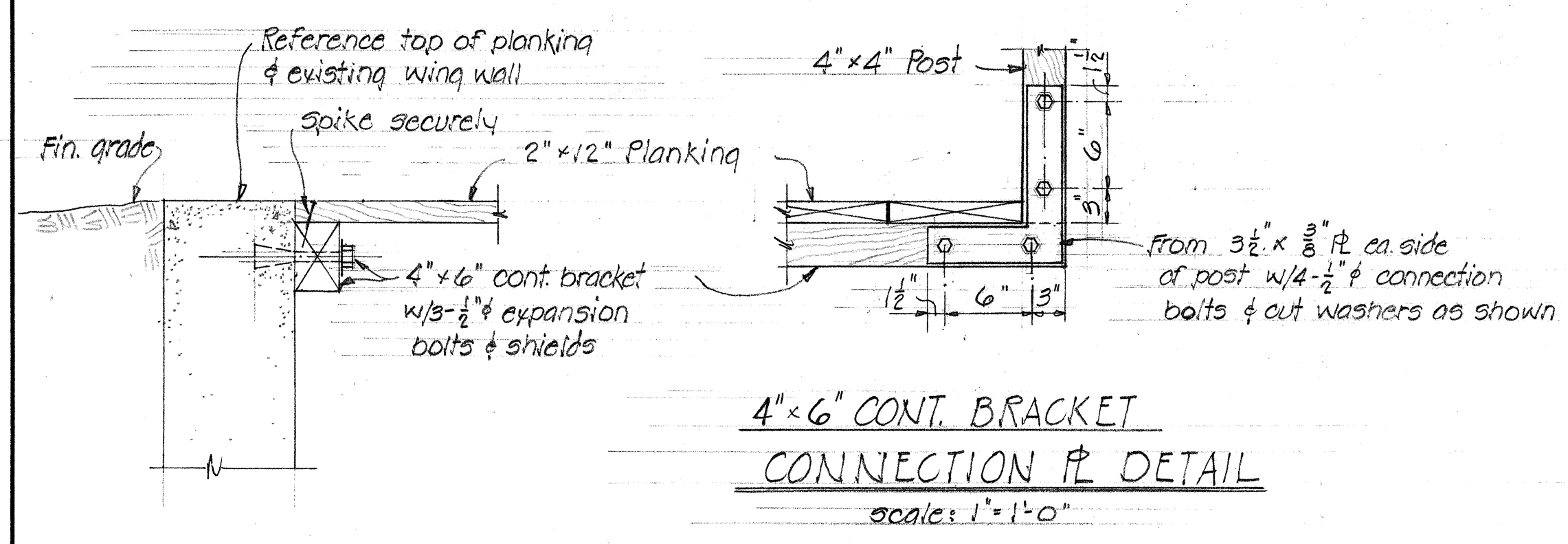
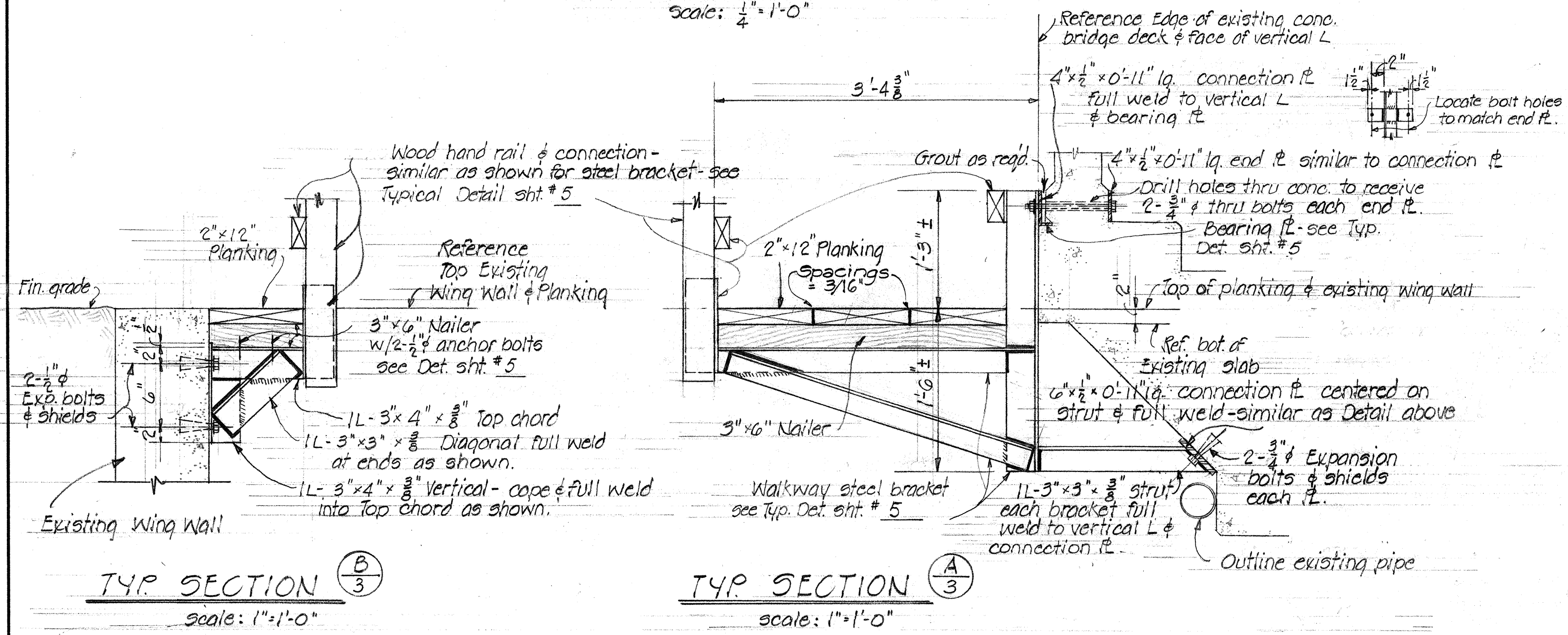
BRIDGE WALK FOR
KAAWA BRIDGE & MAKAUUA BRIDGE

PROJ. No. E-83-02-64 MARCH, 1964

SHEET No. / OF 5 SHEETS

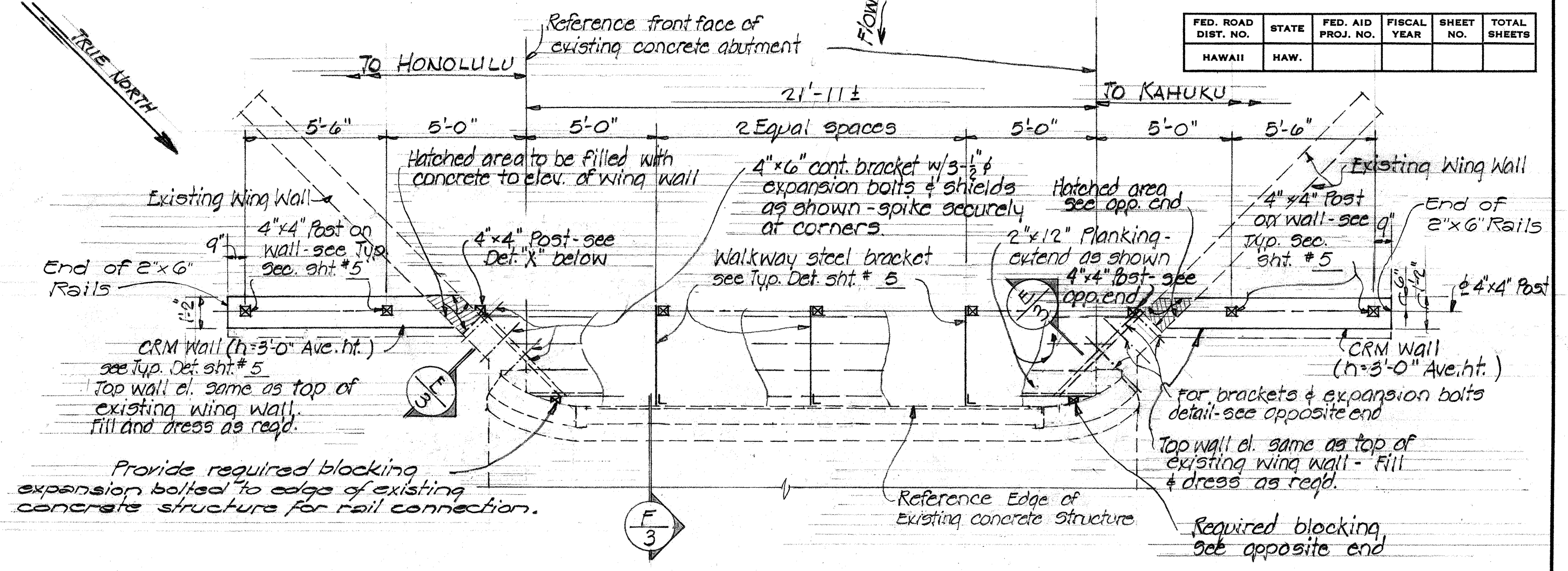


LAYOUT PLAN - PEDESTRIAN WALKWAY ALONG MAUKA OF BRIDGE STRUCTURE
WAIPILOPILO BRIDGE
Scale: $\frac{1}{4}$ " = 1'-0"

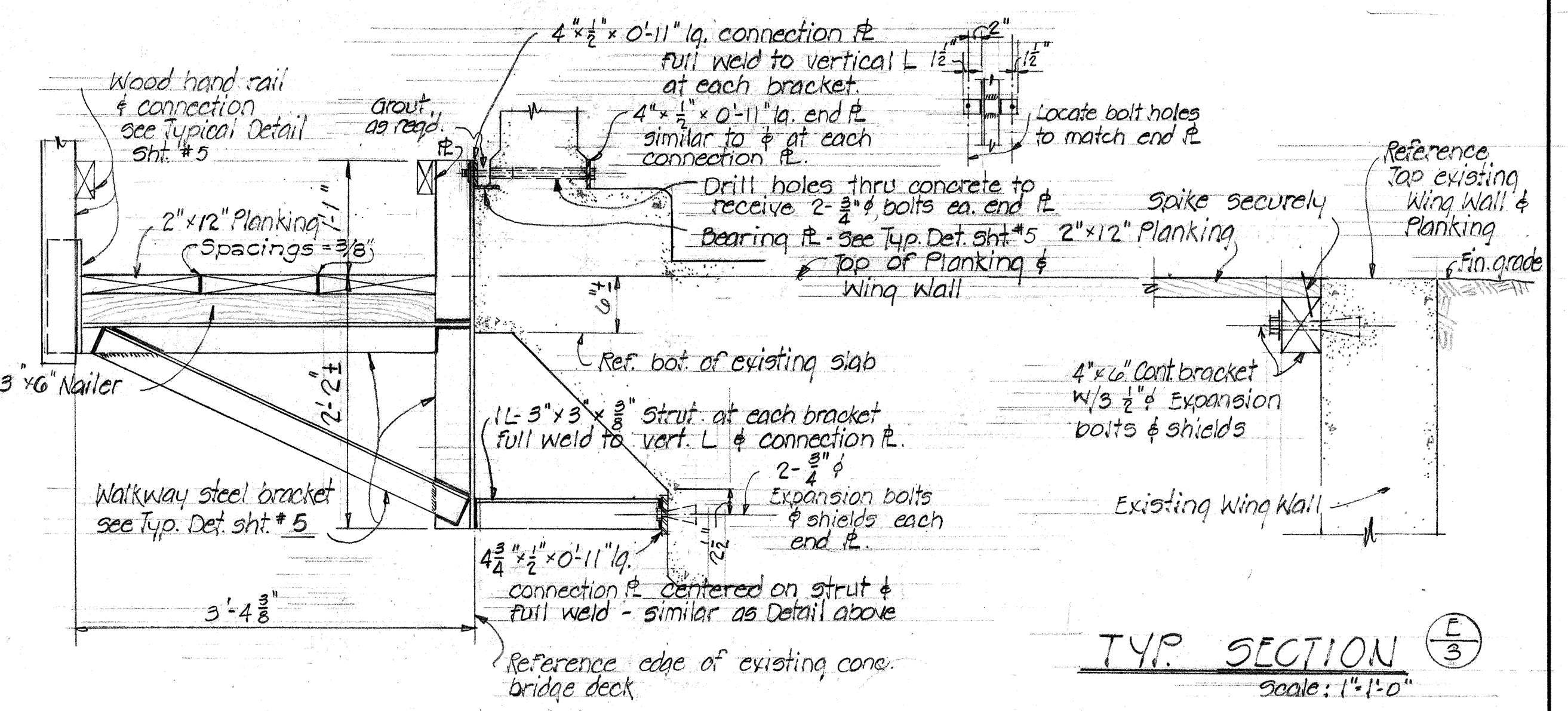


TYP. SECTION (D/3)
Scale: 1" = 1'-0"

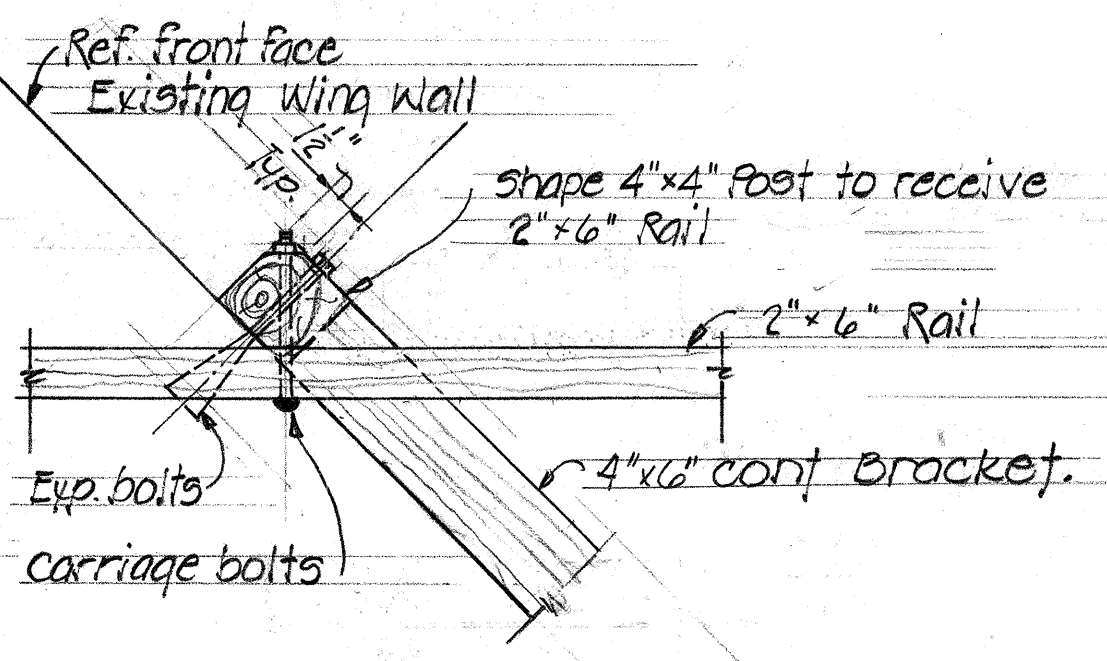
4" x 6" CONT. BRACKET
CONNECTION PL DETAIL
Scale: 1" = 1'-0"



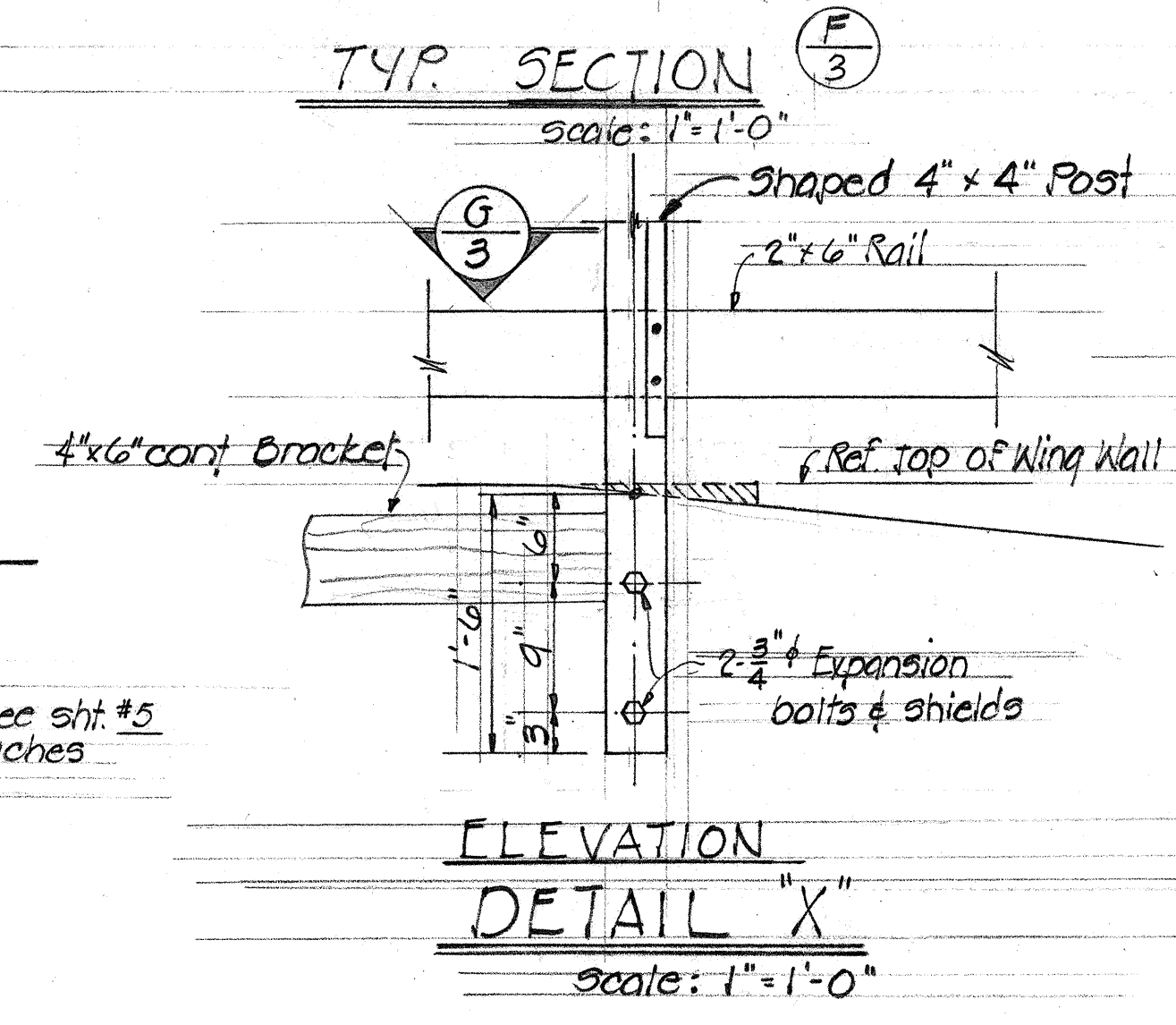
LAYOUT PLAN - PEDESTRIAN WALKWAY ALONG MAUKA OF BRIDGE STRUCTURE
LAIELOA BRIDGE
Scale: $\frac{1}{4}$ " = 1'-0"



TYP. SECTION (F/3)
Scale: 1" = 1'-0"



SECTION (G/3)
Scale: 1 1/2" = 1'-0"



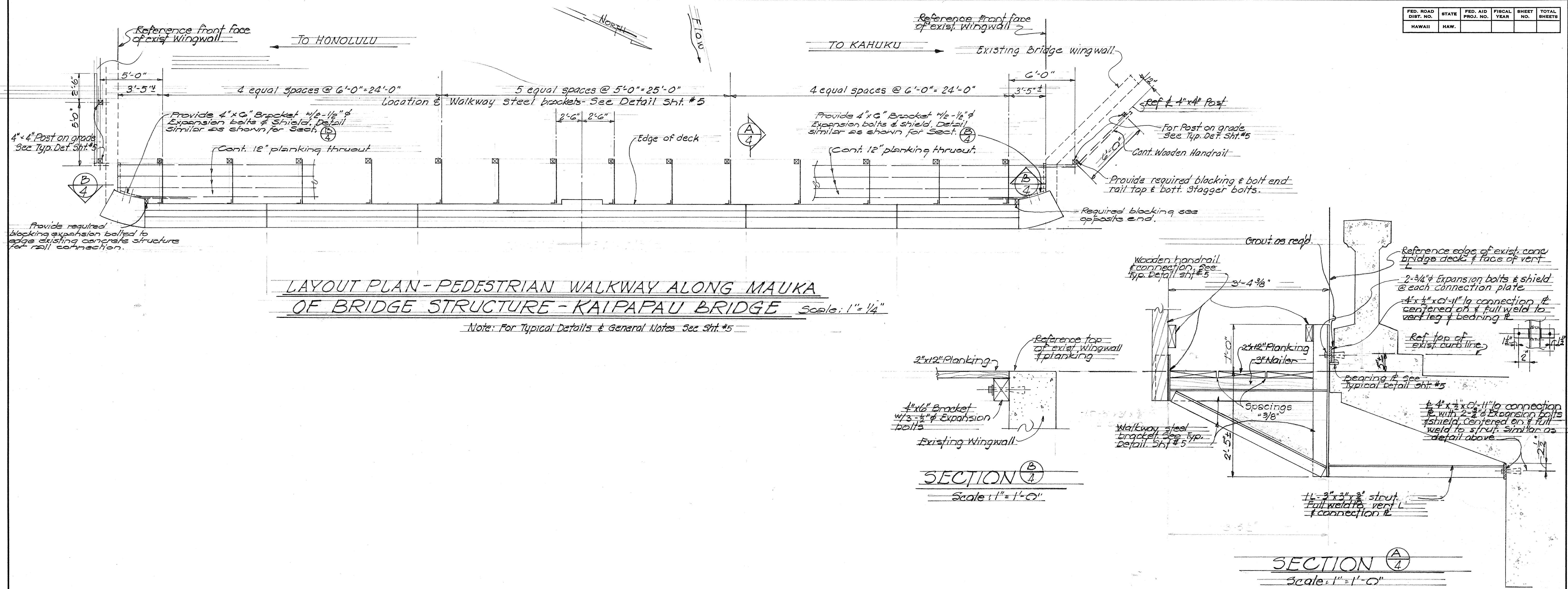
ELEVATION
DETAIL 'X'
Scale: 1" = 1'-0"

NOTE!
For typical details & general notes - see sht. #5
For limits of fill & dressing at approaches - see sht. #5.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
BRIDGE WALK FOR
WAIPILOPILO BRIDGE
LAIELOA BRIDGE
PROJECT No. D-83-01-64
MARCH 1964
SHEET No. 3 OF 5 SHEETS

DATE: _____
DESIGNED BY: _____
CHECKED BY: _____
DRAWN BY: _____
NOTED BY: _____
ORIGINAL PLAN: _____
NO. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.				



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

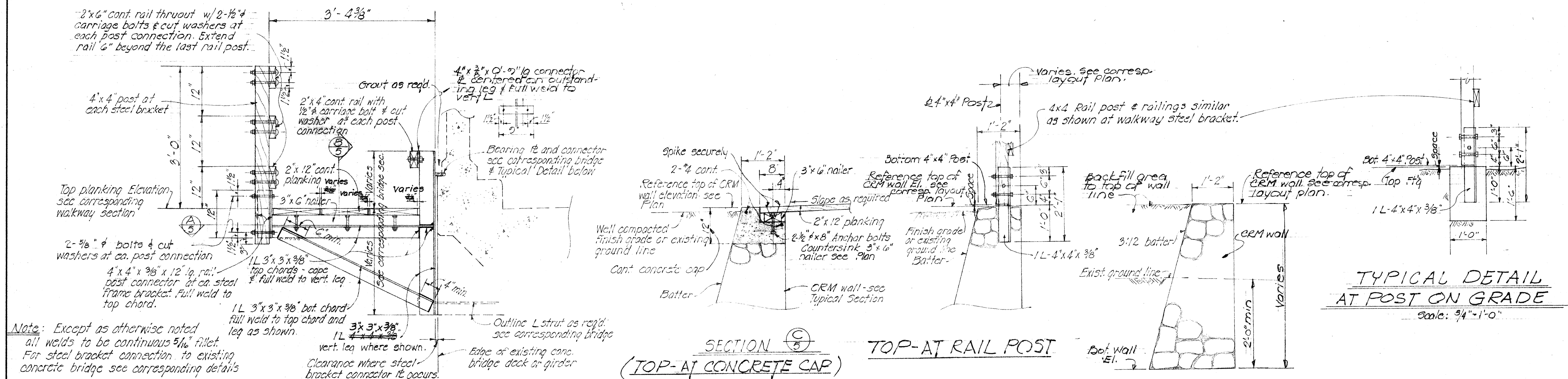
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BRIDGE WALK FOR
KAIPAPAU BRIDGE

PROJ. NO. D83-01-64 MARCH 1964

SHEET No. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOT SHE
HAWAII	HAW.				



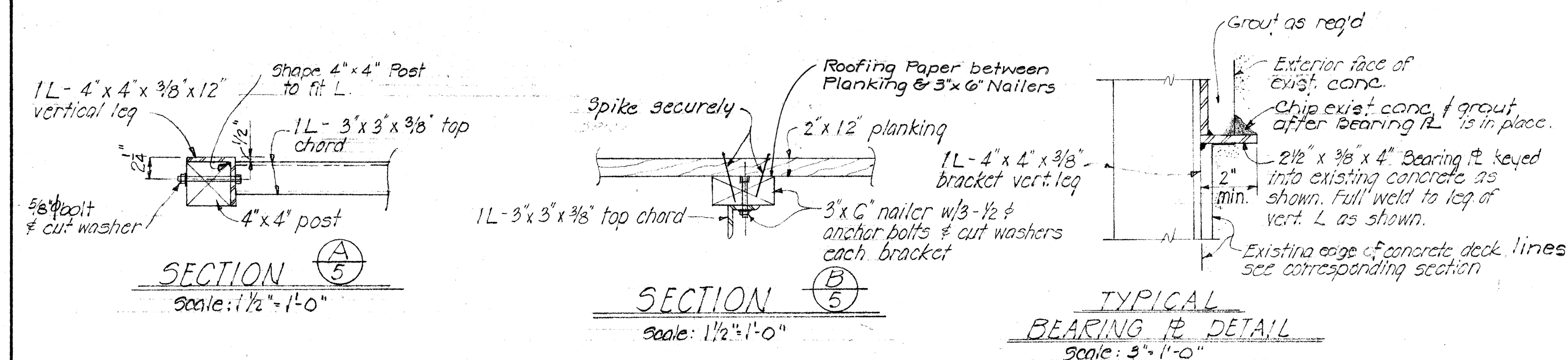
TYPICAL DETAIL
AT POST ON GRADE
Slope: 3/4"-1'-0"

TYPICAL DETAIL - PEDESTRIAN WALKWAY STEEL BRACKET

TYPICAL SECTION THRU CRM WALL
gmc: 3/4" = 1'-0"

TYPICAL SECTION

GENERAL NOTES



TYPICAL RAILING SPLICE
Scale: 1 1/2" = 1'-0"

1. All concrete to be class B-1 concrete except as otherwise noted.
2. All Timber to be Douglas Fir structural grade, S4S, and wellmanized.
3. All connection bolts, cut washers, & expansion shields to be galvanized steel.
4. Painting - see Special Provisions.
5. Except as otherwise noted all welds to be 3/8" 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. Backfill & dressing of approaches to footwalks shall be limited to 5 feet beyond end of C.R.M. walls.
9. All details on this sheet shall apply to Project No E-83-02-64 & Project No. D-83-01-64.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS
BRIDGE WALK FOR
ALL BRIDGES

Proj No. E-83-02-G4
Proj No. D83-01-G4

MARCH 1964

SHEET NO. 5 OF 5 SHEETS