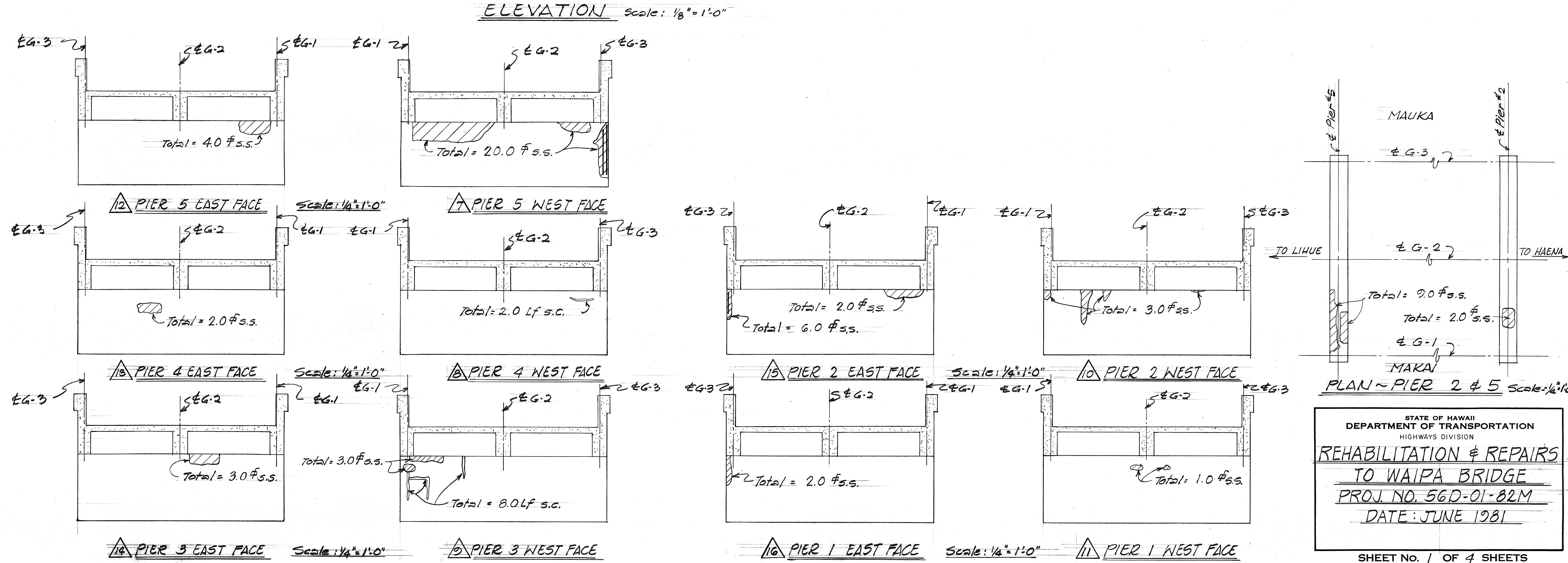
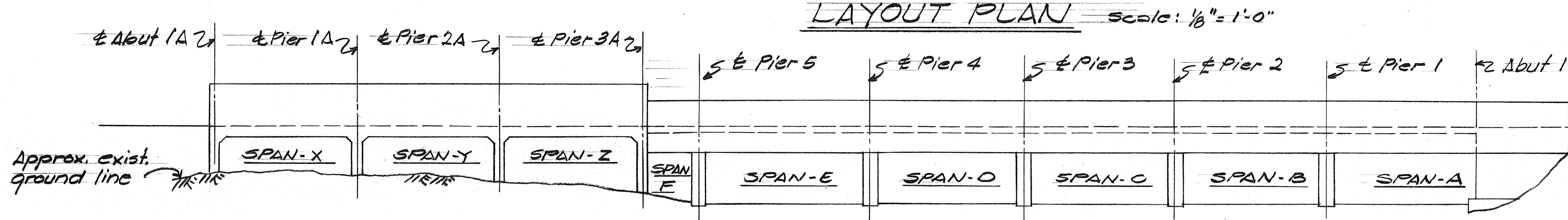
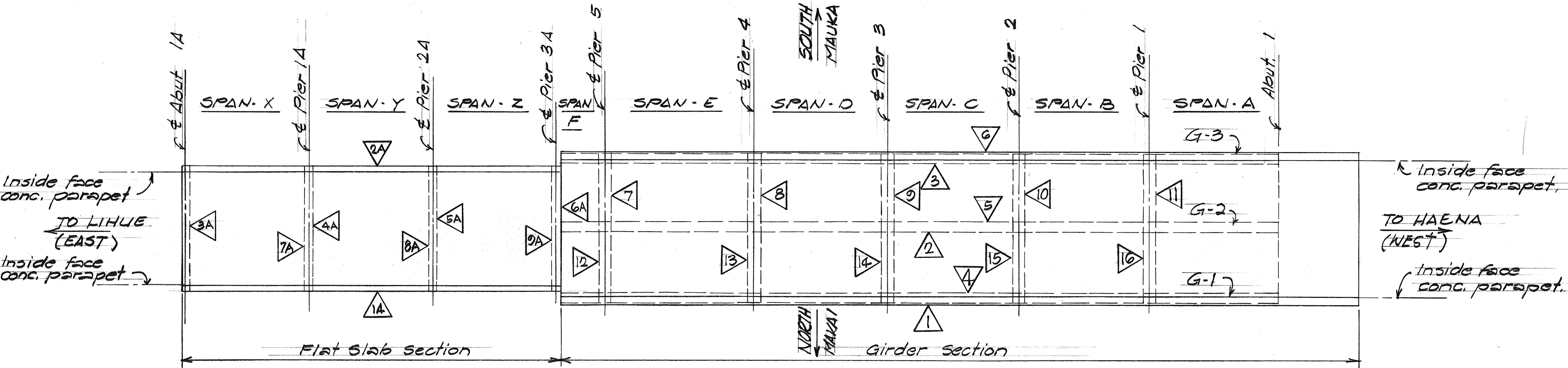


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-82M	1982	2	11

ESTIMATED QUANTITIES					
ITEM NO.	ITEM	UNIT	WAIIPA BR	WAIKOKO BR	
676.0100	Repair to Waipa Br. with shotcrete and/or hand placed mortar.	Sq. Ft.	1152.0	—	
676.0200	Repair to Waikoko Br. with shotcrete and/or hand placed mortar.	Sq. Ft.	—	808.0	
677.0100	Sealing cracks in concrete.	L.F.	89.0	0.0	
Mile Post			32.0	32.3	

GENERAL NOTE:
 1. Improvements under this project consist of the repair of spalls and cracks on Waipa and Waikoko Bridges.

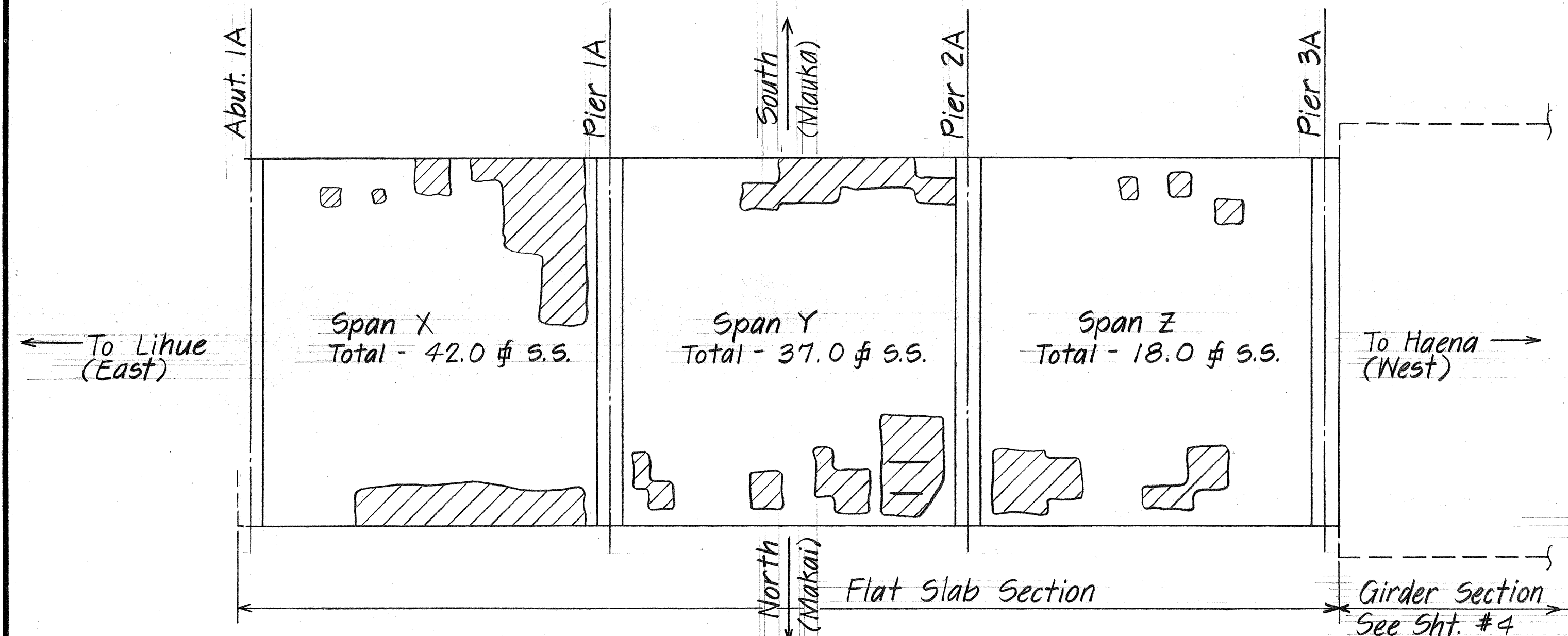


SURVEY PLOTTED BY	DATE
DRAWN BY	5/80
DESIGNED BY	5/80
CHECKED BY	5/80
ORIGINAL PLAN	
NOTE BOOK	
No.	

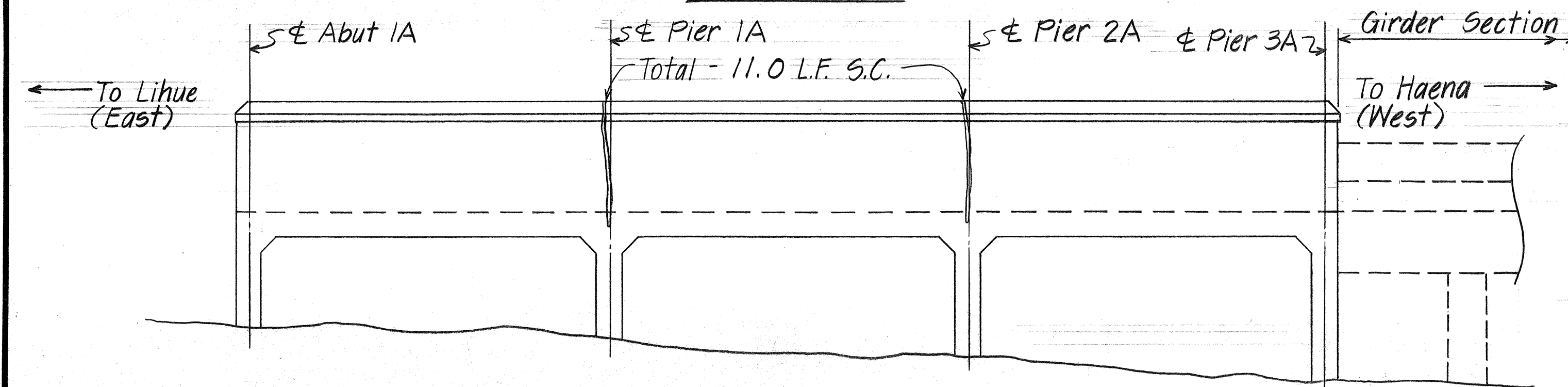
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

REHABILITATION & REPAIRS
TO WAIIPA BRIDGE
PROJ. NO. 56D-01-82M
DATE: JUNE 1981

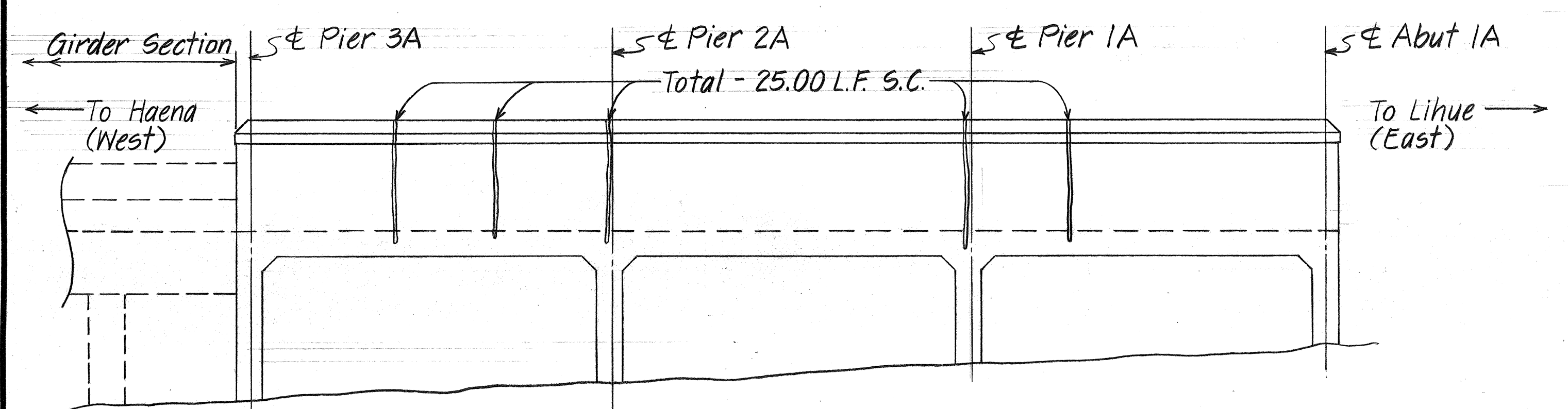
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-88M	1982	3	11



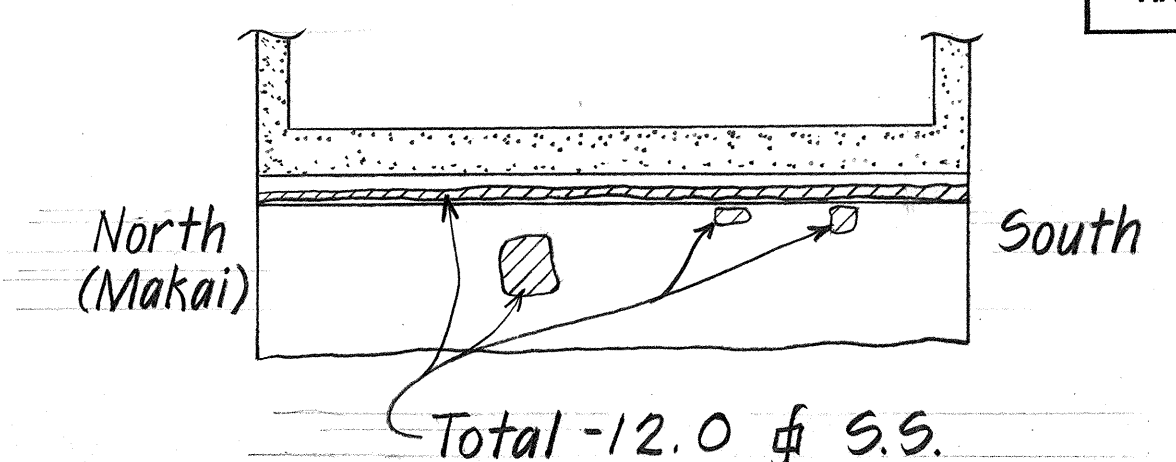
REFLECTED CEILING PLAN - FLAT SLAB SECTION
Scale: 1/4" = 1'-0"



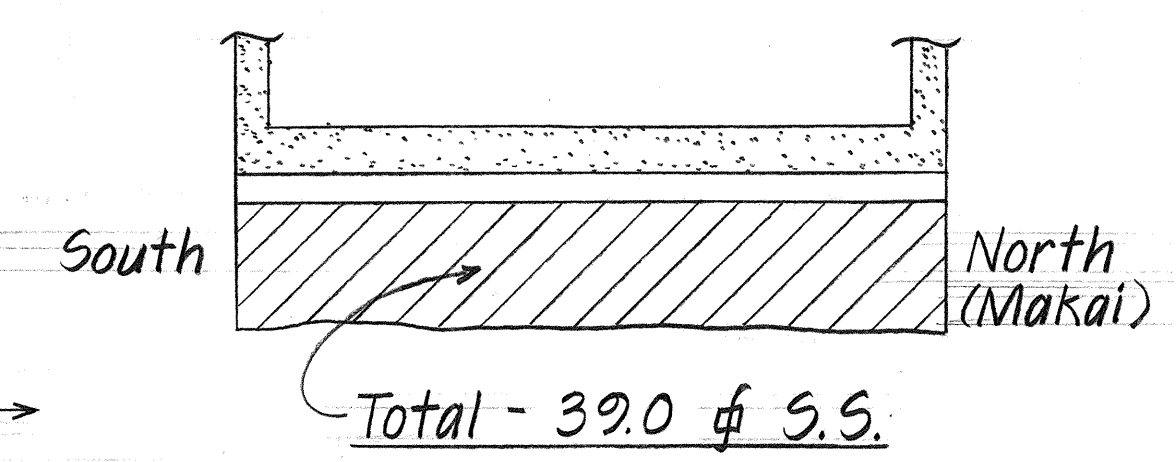
ELEVATION - NORTH PARAPET Scale: 1/4" = 1'-0"



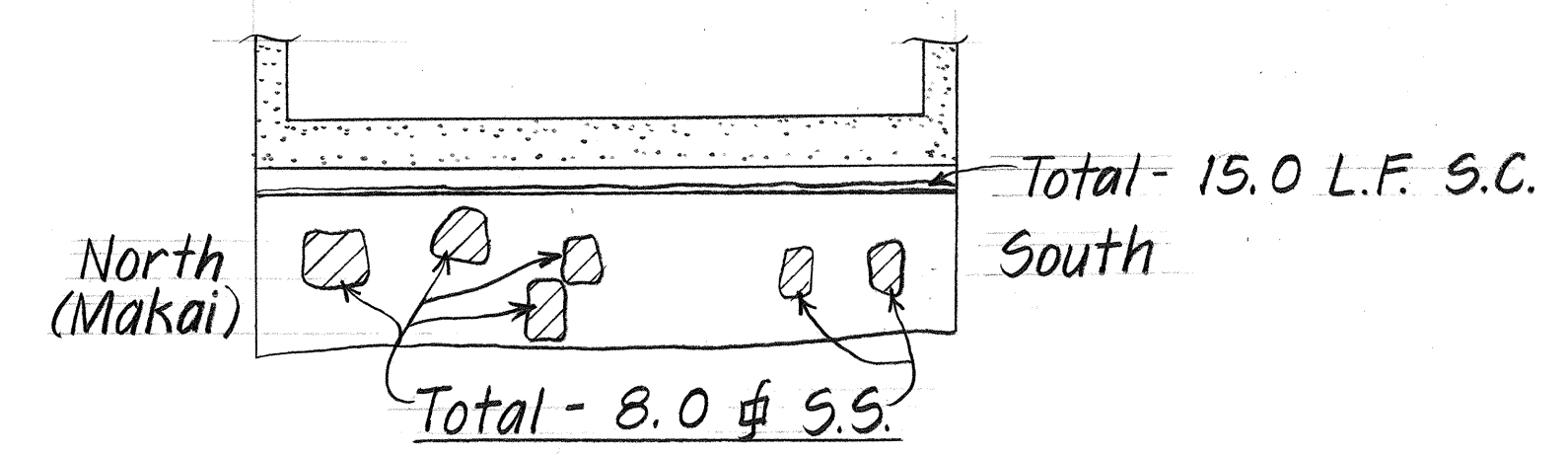
ELEVATION - SOUTH PARAPET Scale: 1/4" = 1'-0"



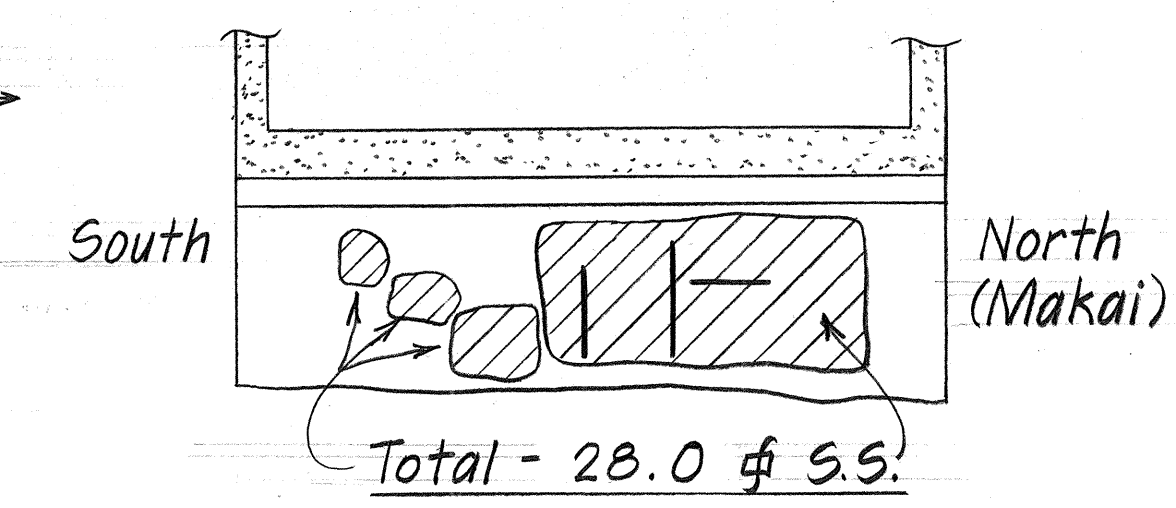
ABUT 1A WEST FACE Scale: 1/4" = 1'-0"



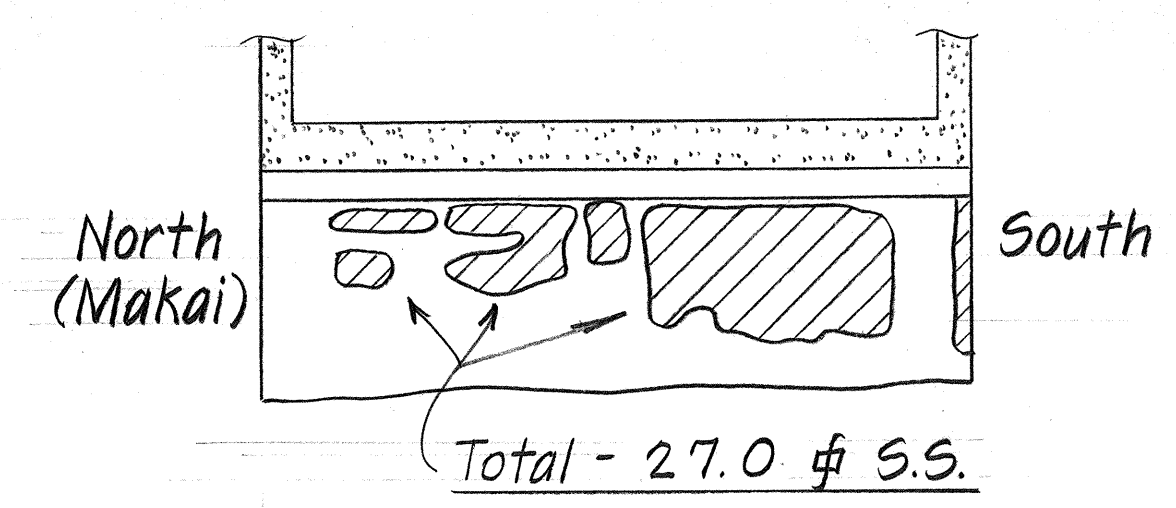
PIER 1A EAST FACE Scale: 1/4" = 1'-0"



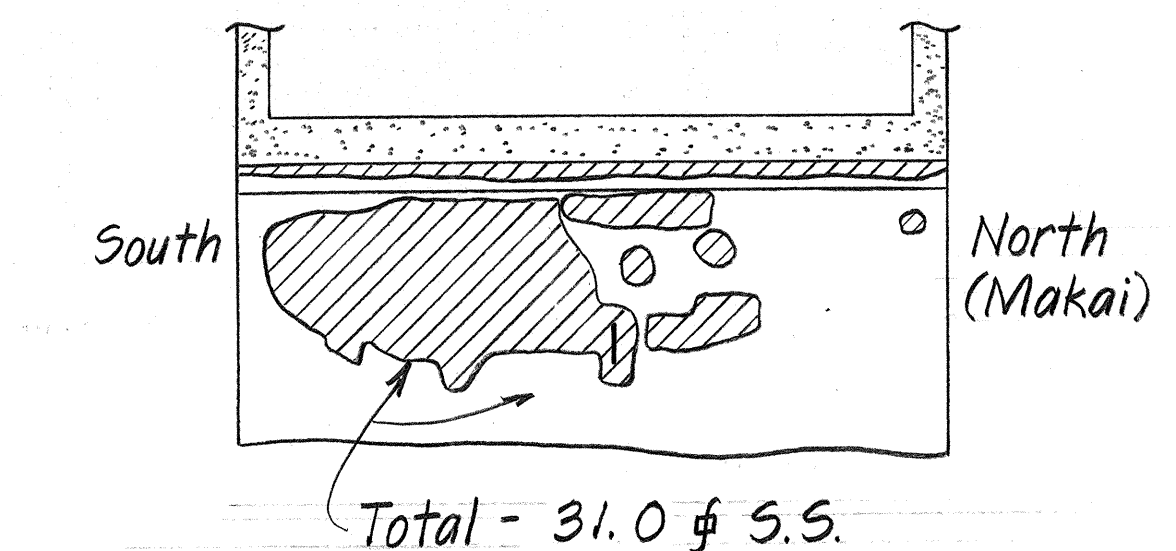
PIER 1A WEST FACE



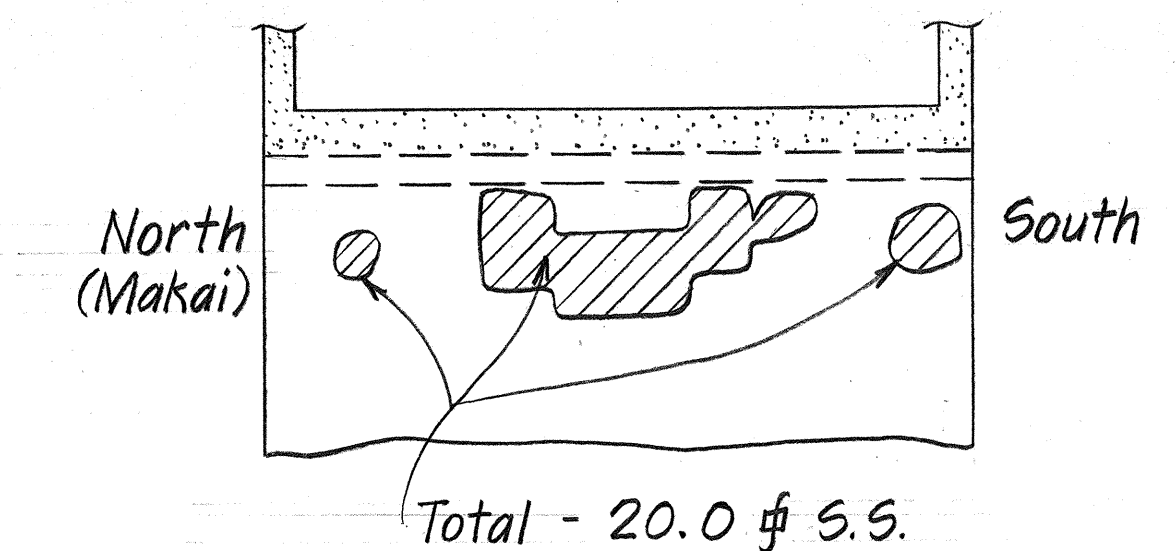
PIER 2A EAST FACE Scale: 1/4" = 1'-0"



PIER 2A WEST FACE



PIER 3A EAST FACE Scale: 1/4" = 1'-0"



PIER 3A WEST FACE

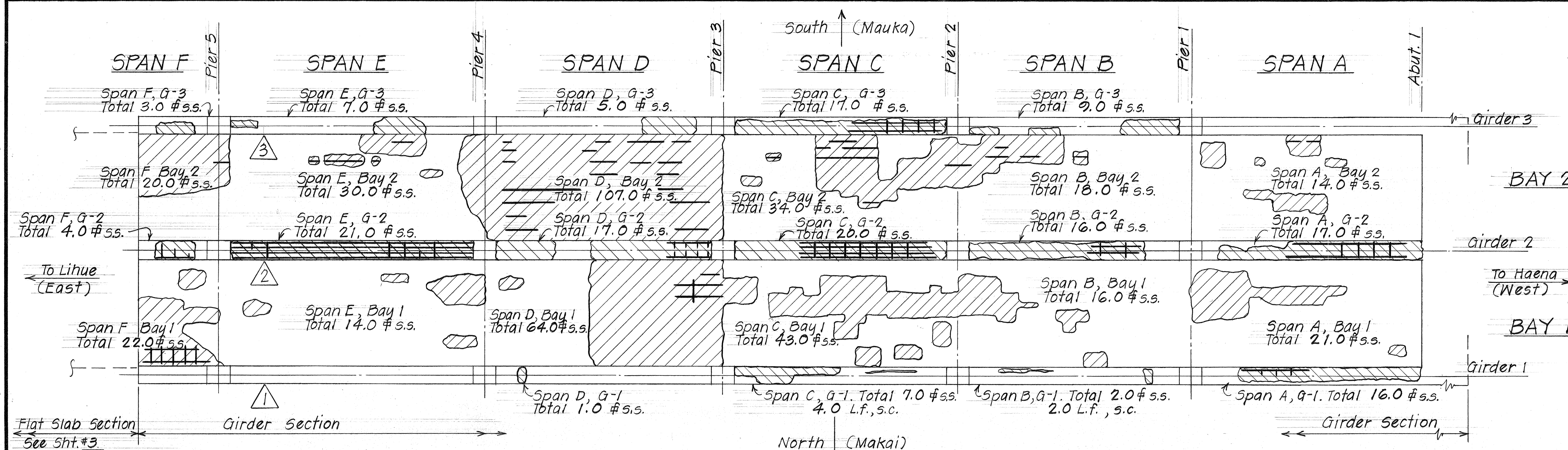
ORIGINAL PLAN	DATE	5/80
SURVEY PLOTTED BY	DATE	5/80
DRAWN BY	DATE	5/80
TRACED BY	DATE	5/80
NOTED BY	DATE	5/80
CHECKED BY	DATE	5/80

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

REHABILITATION & REPAIRS
TO WAIPA BRIDGE
PROJ. NO. 56D-01-82 M
DATE: JUNE 1981

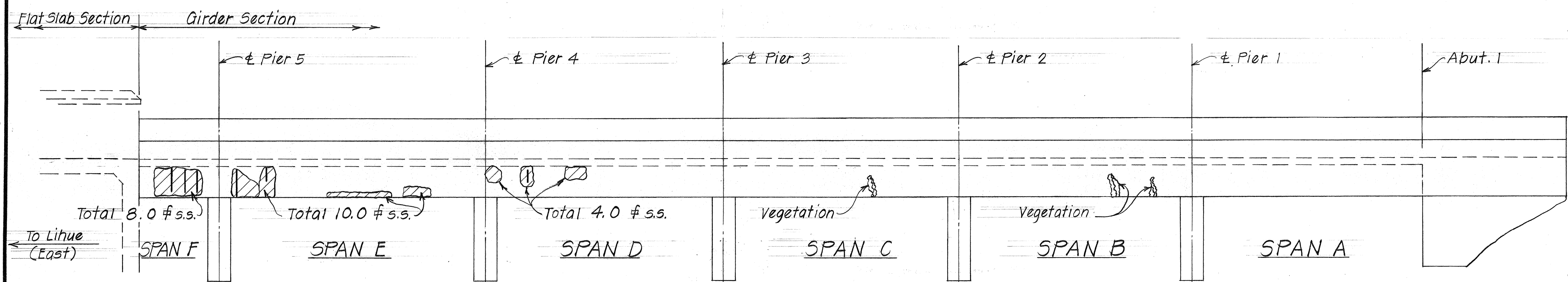
SHEET No. 2 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-82M	1982	4	11



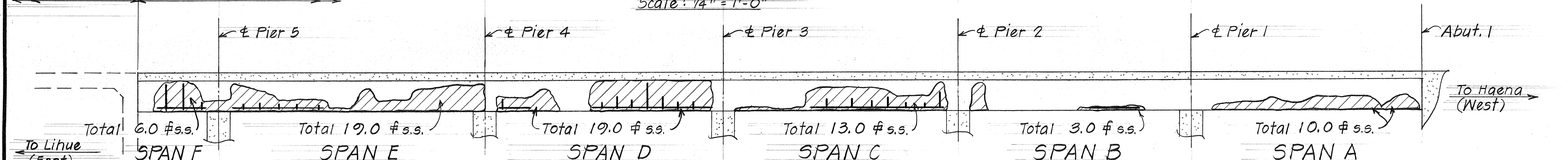
REFLECTED CEILING PLAN - GIRDER SECTION

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



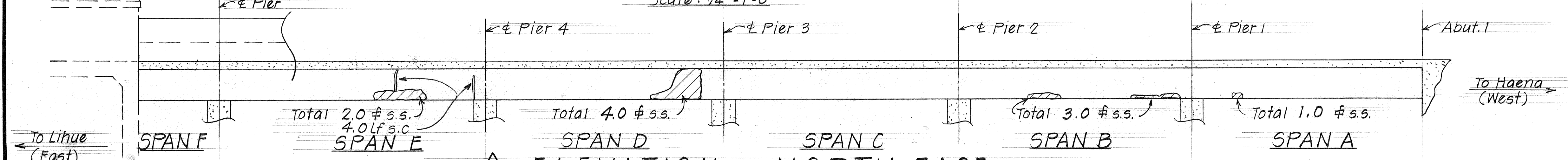
ELEVATION - NORTH FACE

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



ELEVATION - NORTH FACE

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



ELEVATION - NORTH FACE

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

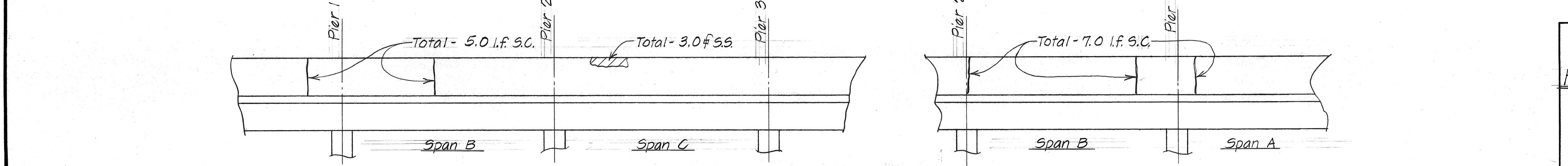
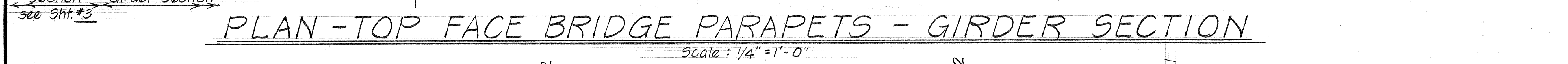
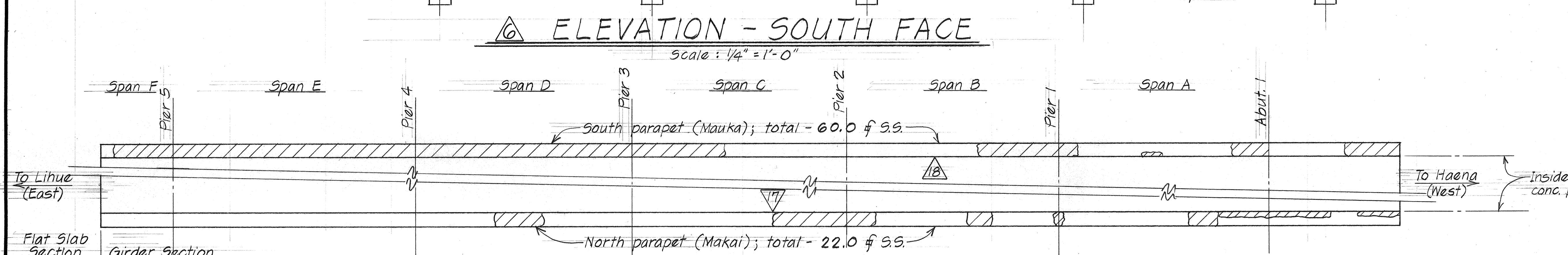
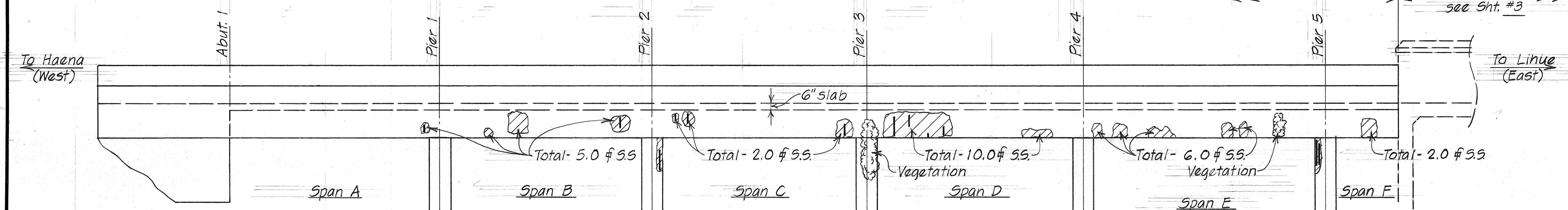
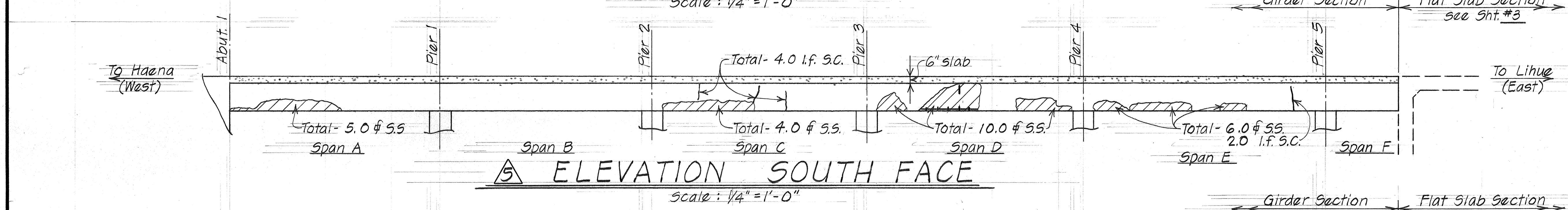
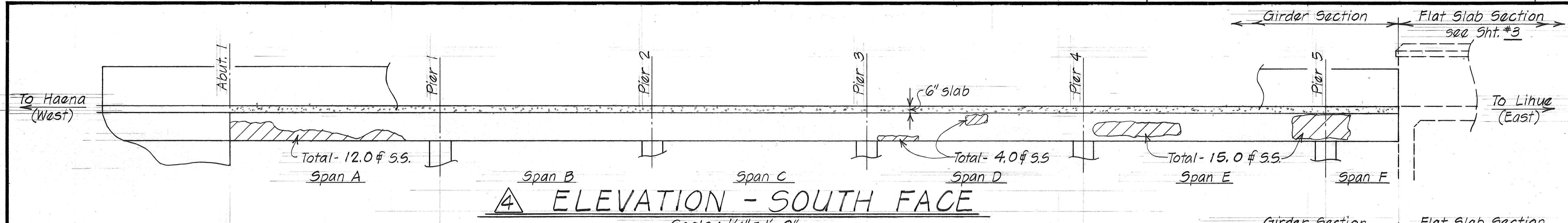
SURVEY PLOTTED BY	DATE
DRAWN BY	5/80
TRACED BY	5/80
QUANTITIES BY	5/80
CHECKED BY	5/80
ORIGINAL PLAN	
NOTE BOOK	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
REHABILITATION & REPAIRS
TO WAIPIA BRIDGE
PROJ. NO. 56D-01-82M
DATE: JUNE 1981

SHEET NO. 3 OF 4 SHEETS

Span

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-82M	1982	5	11



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	5/80
DRAWN BY	6/80
DESIGNED BY	5/80
QUANTITIES BY	5/80
CHECKED BY	5/80

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

REHABILITATION & REPAIRS
TO WAIPA BRIDGE
PROJ. NO. 56D-01-82M
DATE: JUNE 1981

SHEET NO. 4 OF 4 SHEETS