

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	E 13A	1932	1	51

INDEX TO DRAWINGS.

SHEET NO.	DESCRIPTION
1	TITLE SHEET.
2	TYPICAL SECTIONS.
3-12	PLAN AND PROFILE.
13-14	STANDARD DETAILS.
15-16	BOX CULVERT DETAILS.
17-32	BRIDGE DETAILS.
33-51	CROSS SECTIONS.

PART 2

EMERGENCY CONSTRUCTION HIGHWAY PROJECT F.A.P. E-13A PART I FEDERAL AID HIGHWAY PROJECT F. A. P. 13A

MAKANAO
MAUI

SCALE

PLAN

1 INCH = 100 FEET.

PROFILE

HOR. 1 INCH = 100 FEET.
VER. 1 INCH = 10 FEET.

CROSS SECTIONS

HOR. 1 INCH = 10 FEET.
VER. 1 INCH = 10 FEET.

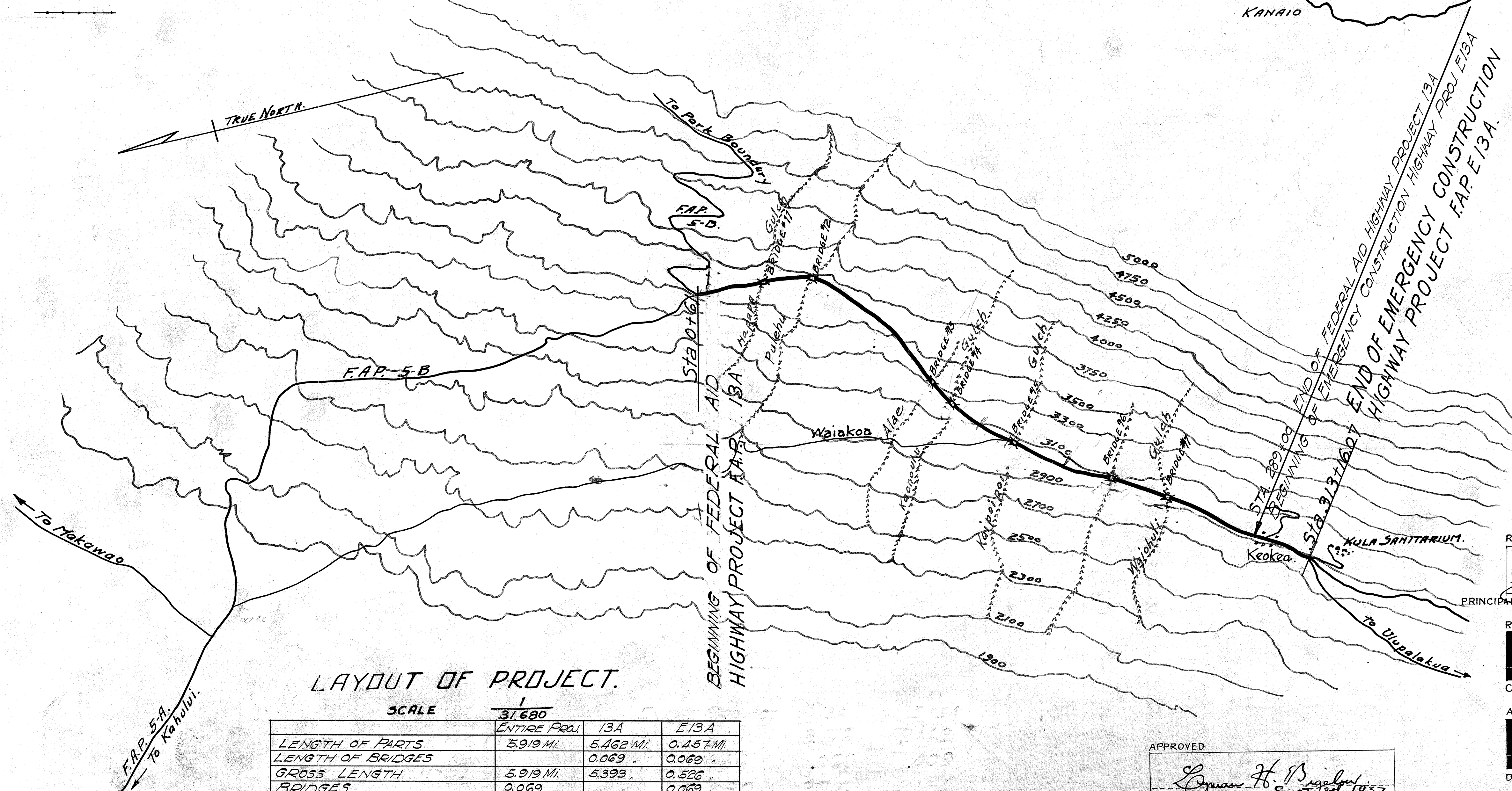
NOTE:

ALL BRIDGES OVER 20 FT. CLEAR SPAN
18. BRIDGES No. 11, 12, 13, 14, 15, 16, 17
ARE A PART OF F.A.P. E-13A.

KULA TOWARD ULUPALAKUA.

CONVENTIONAL SIGNS

Edge of existing road	-----
Existing fence	-x-x-
Boundary line (not fenced)	-----
Existing stonewall	=====
Railroad	+ + + + +
Center line	-----
Future pavement	=====
Cement Rubble Masonry Retaining Wall	=====
Bridge	=====
Guard rail	-----



LAYOUT OF PROJECT.

SCALE 1/31,680

	ENTIRE PROJ.	13A	E-13A
LENGTH OF PARTS	5.919 MI.	5.462 MI.	0.457 MI.
LENGTH OF BRIDGES	0.069	0.069	0.069
GROSS LENGTH	5.919 MI.	5.393	0.526
BRIDGES	0.069	0.069	0.069
NET LENGTH (ROADWAY)	5.850	5.393	0.457

Revised Mar. 7, 1933 (W.C.V.)

APPROVED

James H. Bigelow
Sept. 13th 1932
TERRITORIAL HIGHWAY ENGINEER.

RECOMMENDED FOR APPROVAL

Stokely 9/10/32
PRINCIPAL HIGHWAY ENGINEER Bureau of Public Roads.

RECOMMENDED FOR APPROVAL

[Signature]
CHIEF ENGINEER Bureau of Public Roads.

APPROVED

[Signature]
DIRECTOR Bureau of Public Roads.