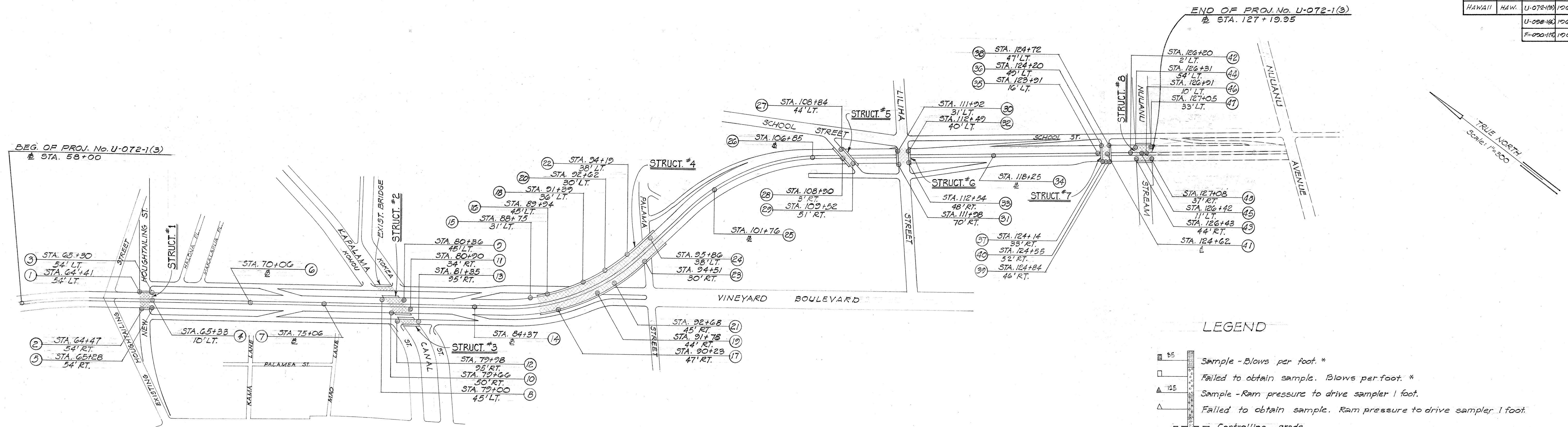
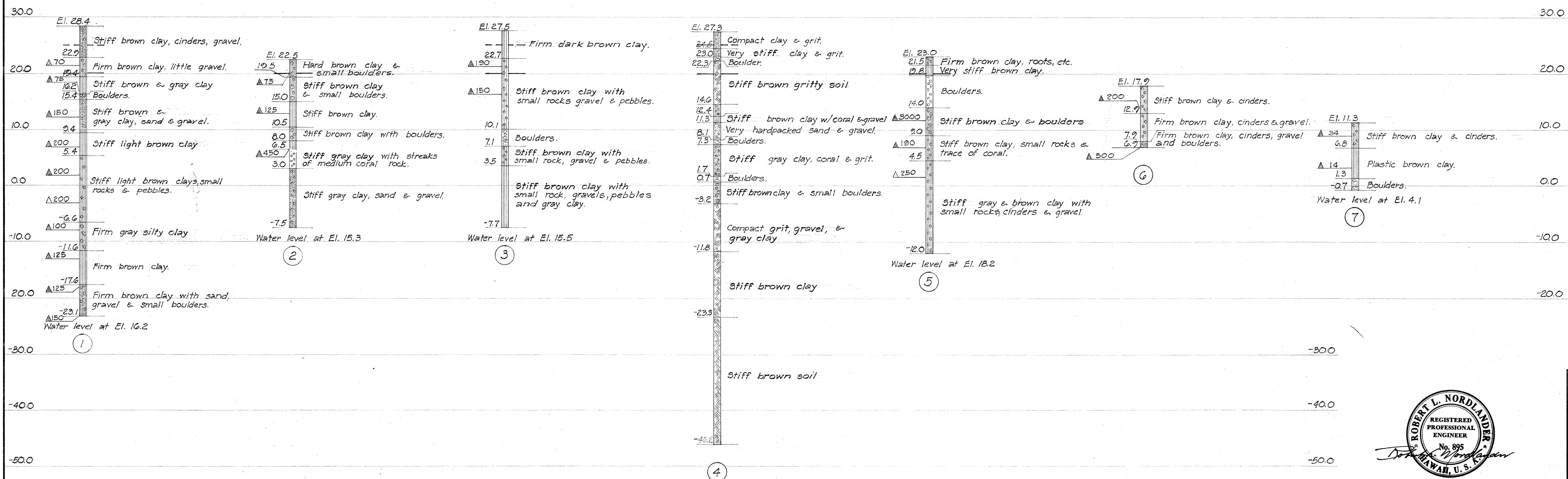


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-072-1(3)	1963	63	246
		U-098-1(2)	1963	24	88
		F-090-1(2)	1963	20	93

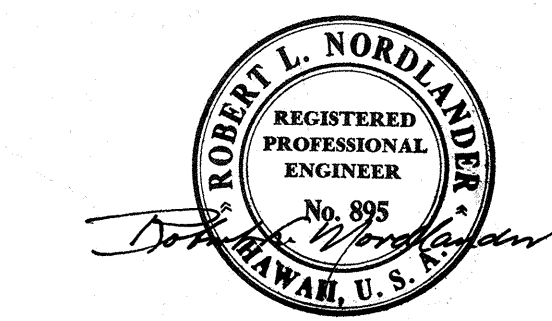


Note:
Signifies Grade Separations, Structures and Bridges

PLAN OF BORING LOCATIONS
Scale: 1" = 300



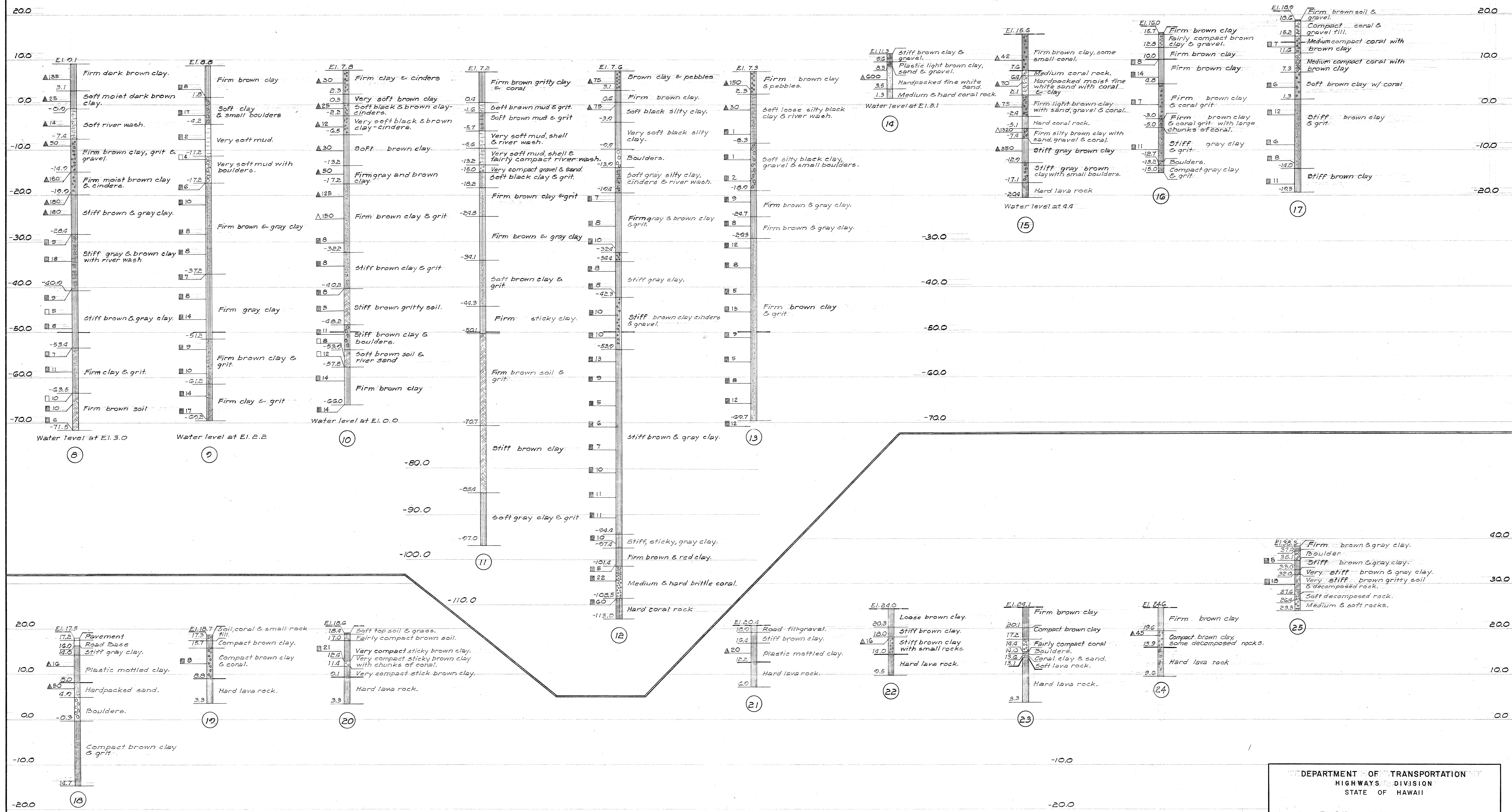
NOTE:
The boring data shown on this plan is for design purposes only, and is for the convenience of the Engineer in the control of earthwork. The borings were carefully taken and are believed to be reliable, however, the Department assumes no responsibility whatsoever in respect to the sufficiency or accuracy of borings, or of the interpretation thereof, and will not either impliedly or expressly make any guarantee of any of the same.



BELT, COLLINS & ASSOC., LTD.
Civil and Structural Engineers

DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION STATE OF HAWAII	
PLAN OF BORING LOCATIONS	
LUNALILO FREEWAY	U-072-1(3)
VINEYARD BOULEVARD	U-098-1(4)
LILIHUA STREET	F-090-1(2)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-072(B)	1963	64	246
		U-008(K4)	1963	25	88



ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	" _____
	TRACED BY <i>K. Hashiguchi</i>	" _____
NOTE BOOK	QUANTITIES BY _____	" _____
	QUANTITIES CHECKED BY _____	" _____
No. _____	CHECKED BY _____	" _____

THE DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STATE OF HAWAII

BORING LOGS

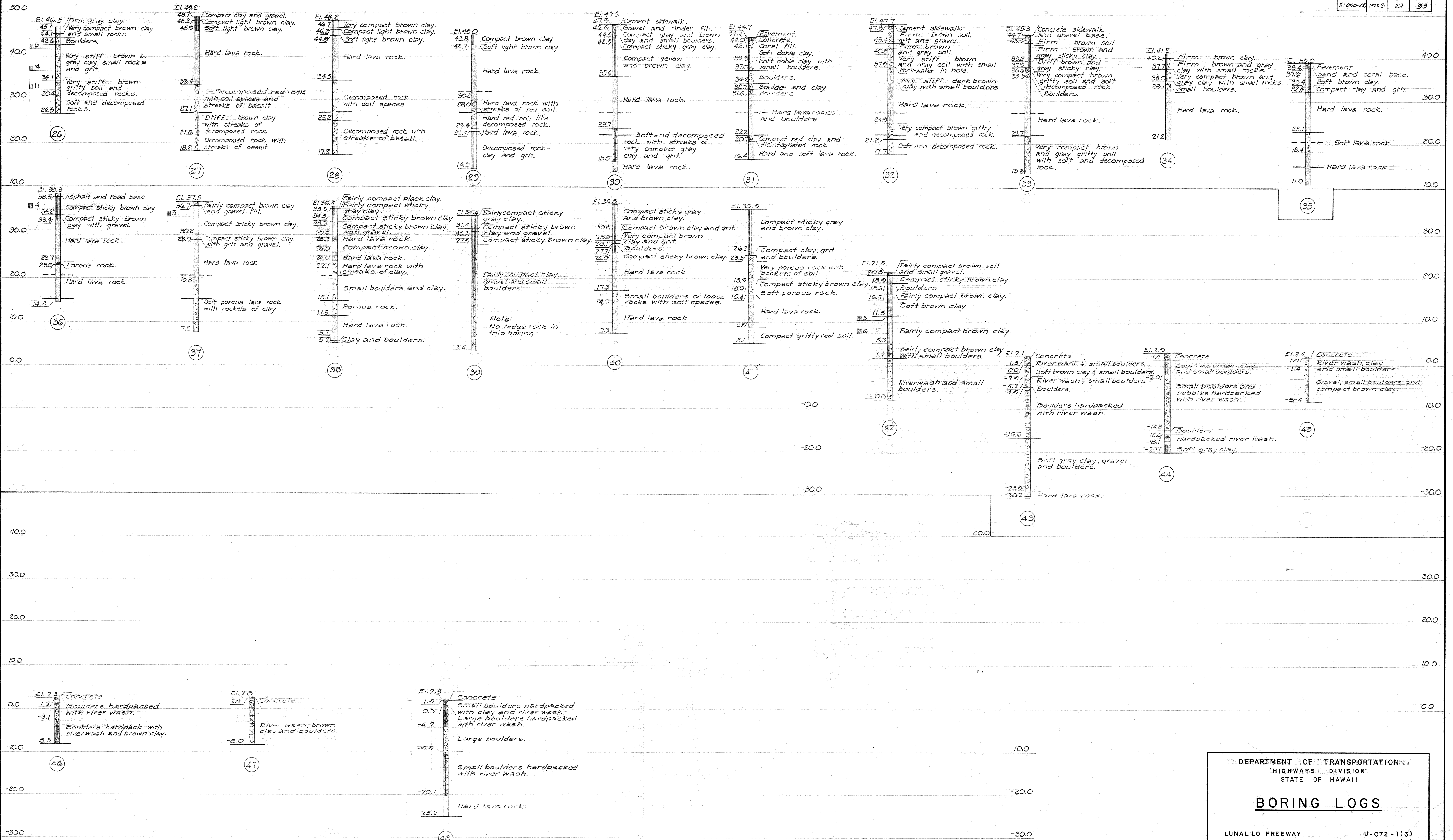
LUNALILO FREEWAY
VINEYARD BOULEVARD

U-072-1(3)
U-098-1(4)

SHEET No. 2 OF 3 SHEETS

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Civil and Structural Engineers

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-072-1(3)	1963	65	246
		F-090-1(3)	1963	21	93



BORING LOGS

Scale: 1"=10'

BELT, COLLINS & ASSOC., LTD.
Civil and Structural Engineers

THE DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STATE OF HAWAII

BORING LOGS

LUNALILO FREEWAY
LILIHA STREET

U-072-1(3)
F-090-1(2)

SHEET NO. 3 OF 3 SHEETS

F09010200.21

U07210300.65