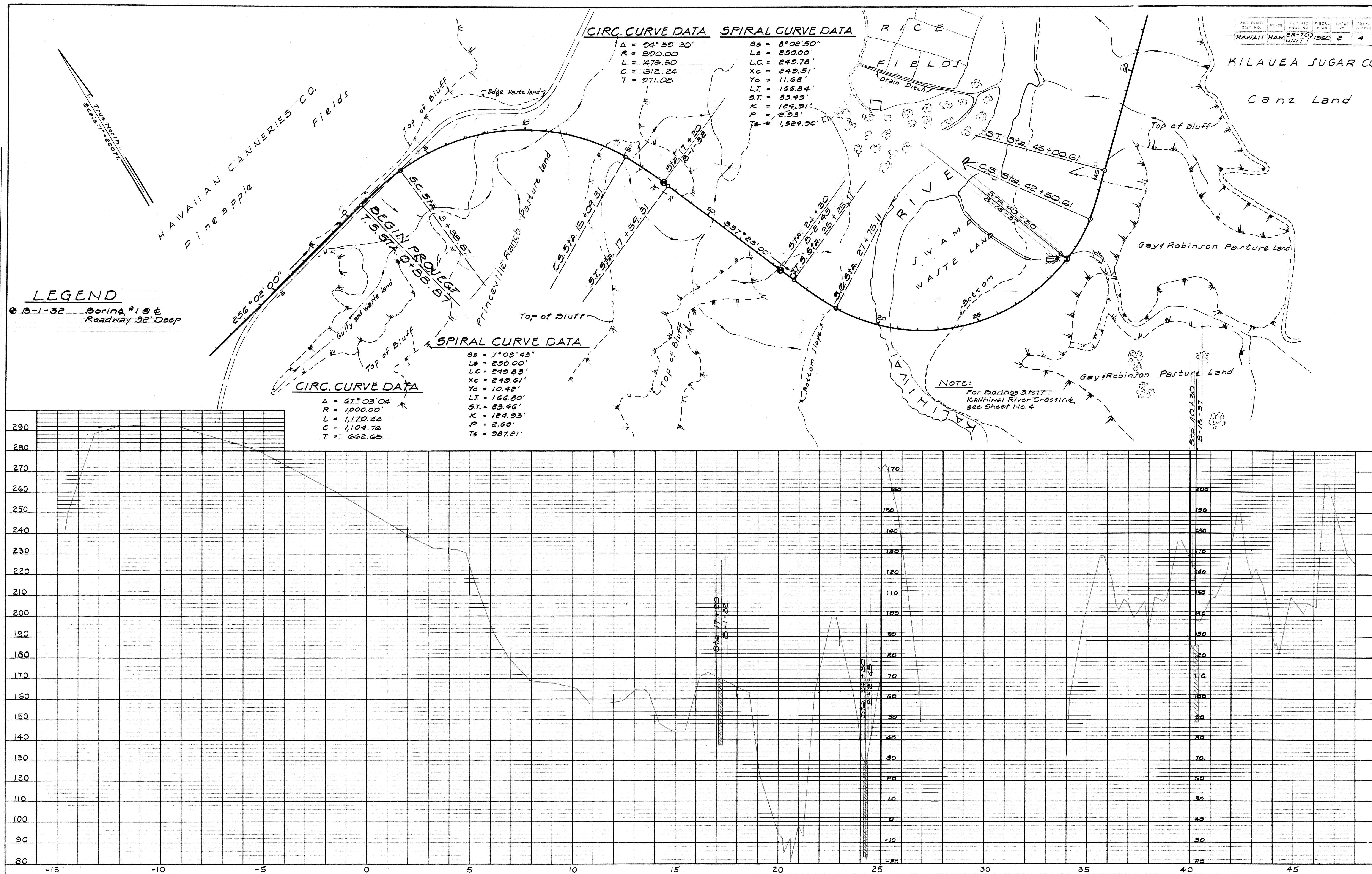


PLAN	DATE	
	BY	
	SURVEYED	
	NOTE BOOK ALIGNMENT CHECKED RT. OF WAY CHECKED	

PROFILE	DATE	
	BY	
	SURVEYED	
	NOTE BOOK GRADES CHECKED STRUCTURE NOTATION CH-NO.	

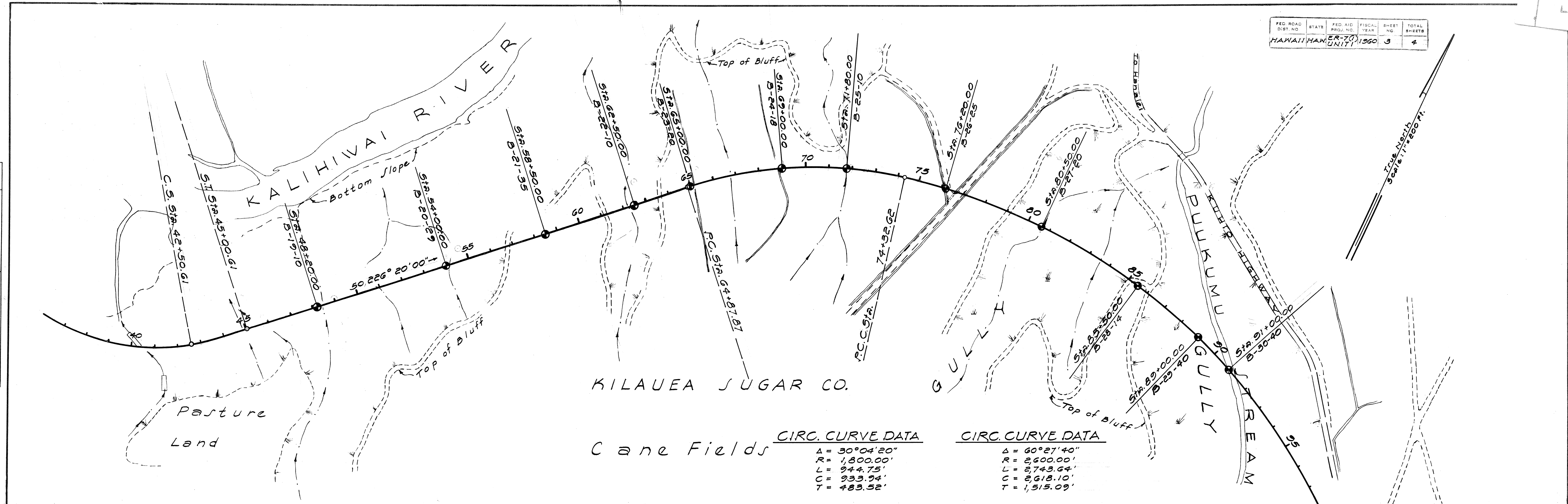
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII HAN-	ER-701	1960	2	4	



PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	ALIGNMENT CHECKED	
	NO. OF WY. CHECKED	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
NOTE BOOK	STRUCTURE NOTATIONS CHECKED	
	NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII HAW.	HA	ER-70	1960	3	4

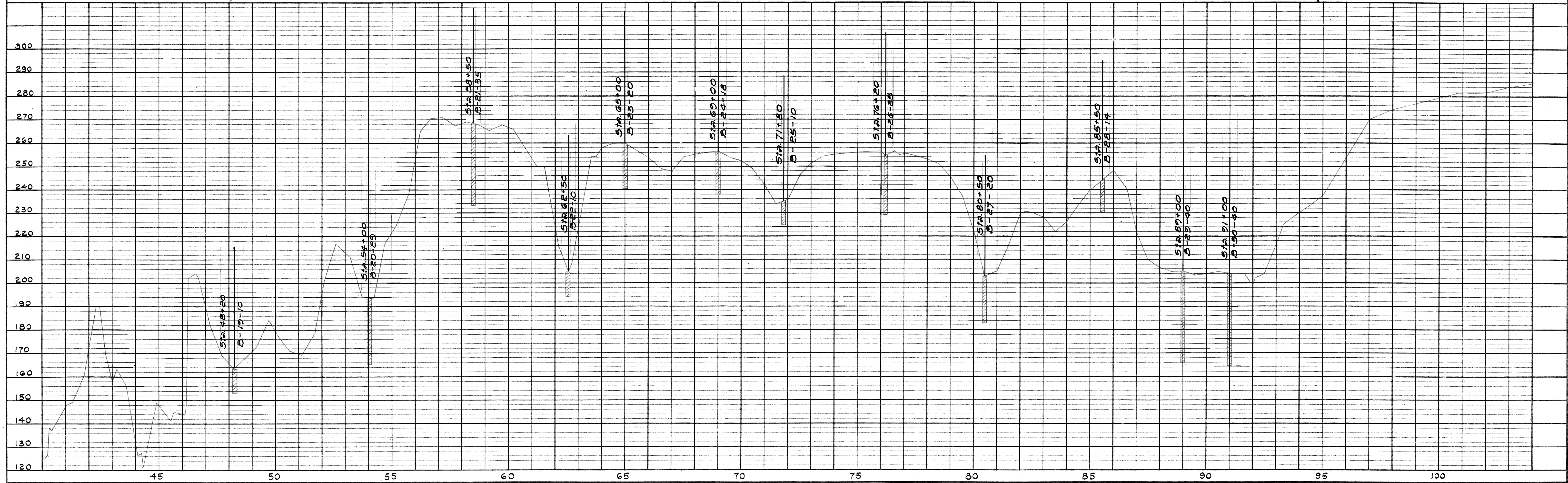


CIRC. CURVE DATA

Δ = 30° 04' 20"
R = 1,800.00'
L = 944.75'
C = 233.94'
T = 483.52'

CIRC. CURVE DATA

Δ = 60° 27' 40"
R = 2,600.00'
L = 3,743.64'
C = 2,618.10'
T = 1,515.09'



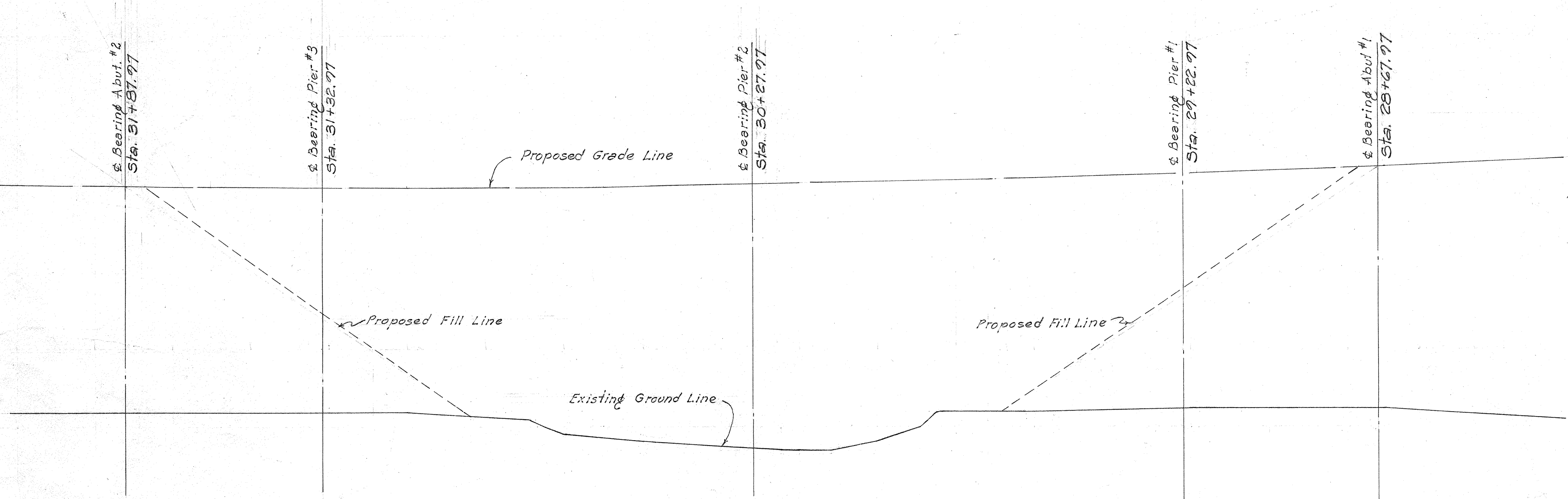
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	ER-7(1)	UNIT 1	1960	4



PLAN
Scale: 1" = 30'-0"

LEGEND
B-3 Boring #3
Estimated depth of boring = 100 ft. below existing ground line

DATE	DESIGNED BY	DRAWN BY	QUANTITIES CHECKED BY	NOTED BY
10/1/60	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS
10/1/60	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS
10/1/60	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS
10/1/60	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS
10/1/60	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS
10/1/60	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS
10/1/60	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS
10/1/60	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS
10/1/60	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS



STREAM SECTION @ ROADWAY
Scale: 1" = 20'-0"

HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII
KAUAI BELT ROAD
PROJECT NO. ER 7(1) - UNIT 1
BORING PLAN
KALIHIWAI RIVER CROSSING
KALIHIWAI TO KILAUEA