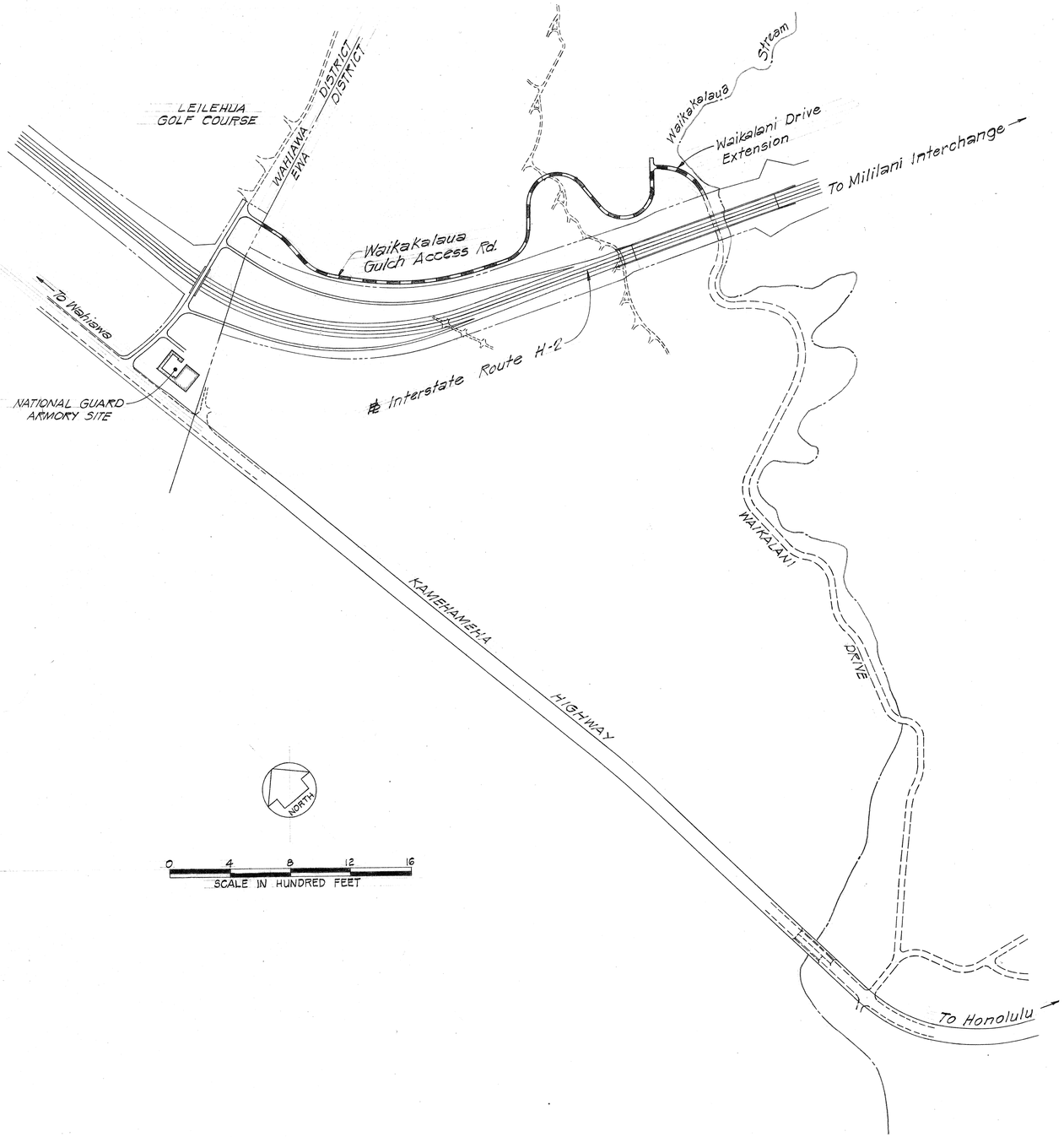
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(8):6	1973	C.O.155	160



NOTE

1. During construction and utilization of Waikakalaua Gulch Access Road, the contractor shall provide reasonable use of the access road to Castle & Cooke, Inc., owners of Construction Parcel No. C-40 (See Plan Sheet No. 156).
2. The contractor shall notify the owners of the property in writing at least two weeks prior to performing any work which will affect the owner's facilities.
3. Aggregates for roadbed containing coral will not be permitted within the construction parcels.
4. Removal and disposal of unwanted material shall conform to the requirements of Section 201- Clearing and Grubbing. This work will be deemed to be part of the work contracted to be performed, and no measurement for compensation will be made therefore.
5. The contractor shall comply with all local laws, ordinances, rules and regulations pertaining to the various types of work called for, including any amendments effective thereto as of the date of the call for tenders, obtain permits, licenses, and certificates, and publish and post all notices required.
6. Upon award of contract the contractor will be furnished two sets of right-of-way plans showing the limits of the construction parcels for the access road. The contractor shall limit his work to within construction parcels C-39 and C-40.

WORK SHOWN ON PLAN SHEET NOS. C.O. 155 TO C.O. 160 INCLUSIVE DELETED FROM THIS CONTRACT UNDER CCO. NO. 2 AND BUILT BY OTHERS.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIKAKALAUA GULCH ACCESS ROAD
& WAIKALANI DRIVE EXTENSION

INTERSTATE ROUTE H-2
LEILEHUA INTERCHANGE
F.A.I. PROJ. NO. I-H2-1(8):6

Scale: As Shown Date: Oct. 1973

SHEET No. 1 OF 6 SHEETS

C.O. 428

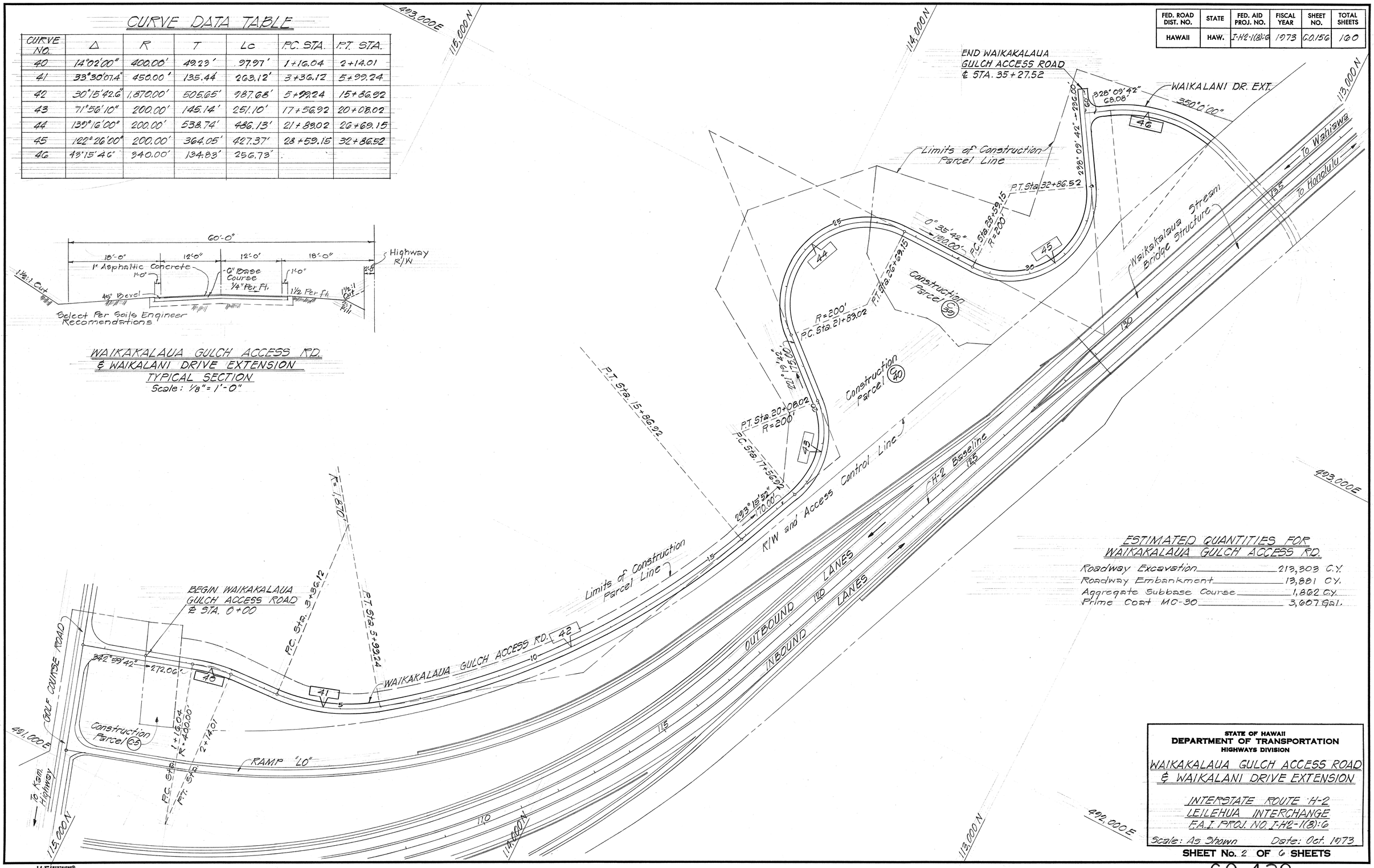
K&E CRYSTALENS TRACING PAPER

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(8):6	1973	C.O.156	160

CURVE DATA TABLE

CURVE NO.	Δ	R	T	Lc	P.C. STA.	P.T. STA.
40	14°02'00"	400.00'	49.23'	97.97'	1+16.04	2+14.01
41	33°30'07.4"	450.00'	135.44'	263.12'	3+36.12	5+99.24
42	30°15'42.6"	1,870.00'	505.65'	987.68'	5+99.24	15+86.92
43	71°56'10"	200.00'	145.14'	251.10'	17+56.92	20+08.02
44	139°16'00"	200.00'	538.74'	486.13'	21+89.02	26+69.15
45	122°26'00"	200.00'	364.05'	427.37'	28+59.15	32+86.52
46	49°15'46"	340.00'	134.83'	256.73'		

WAIKAKALAUA GULCH ACCESS RD.
& WAIKALANI DRIVE EXTENSION
TYPICAL SECTION
Scale: 1/8" = 1'-0"



ESTIMATED QUANTITIES FOR WAIKAKALAUA GULCH ACCESS RD.

Roadway Excavation	213,303 C.Y.
Roadway Embankment	13,881 C.Y.
Aggregate Subbase Course	1,862 C.Y.
Prime Coat MC-30	3,607 Gal.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIKAKALAUA GULCH ACCESS ROAD
& WAIKALANI DRIVE EXTENSION

INTERSTATE ROUTE H-2
LEILEHUA INTERCHANGE
F.A.I. PROJ. NO. I-H2-1(8):6

Scale: As Shown Date: Oct. 1973

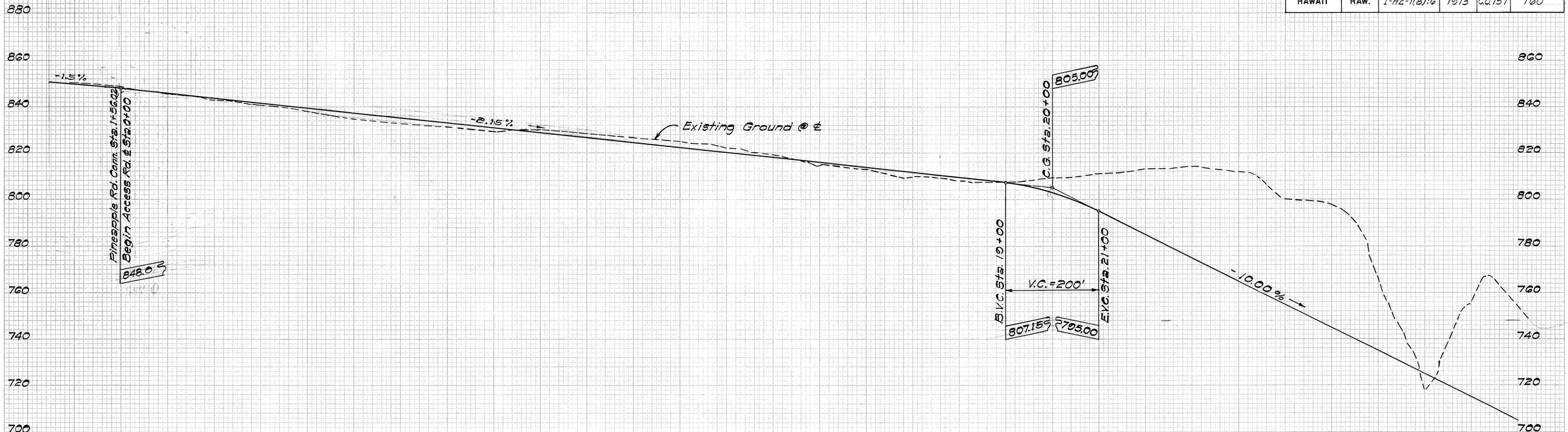
SHEET No. 2 OF 6 SHEETS

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

K&E CRYSTALENE TRACING PAPER

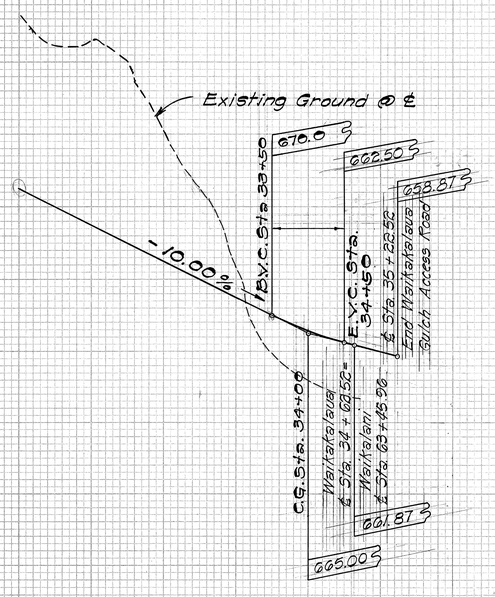
C.O. 429

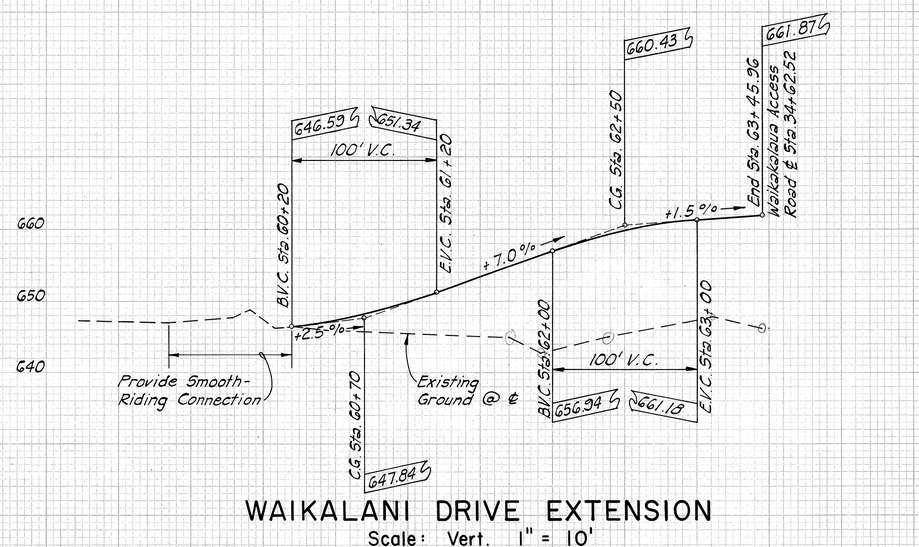
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(8):G	1973	C.O.157	160



WAIKAKALAUA GULCH ACCESS ROAD

Scale: Vert. 1" = 20'
Horiz. 1" = 100'





WAIKALANI DRIVE EXTENSION

Scale: Vert. 1" = 10'
Horiz. 1" = 50'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILES

WAIKAKALAUA GULCH ACCESS ROAD & WAIKALANI DRIVE EXTENSION

INTERSTATE ROUTE H-2
LEILEHUA INTERCHANGE
F.A.I. PROJ. NO. I-H2-1(8):G

SCALE: AS SHOWN DATE: Oct. 1973

SHEET No. 3 OF 6 SHEETS

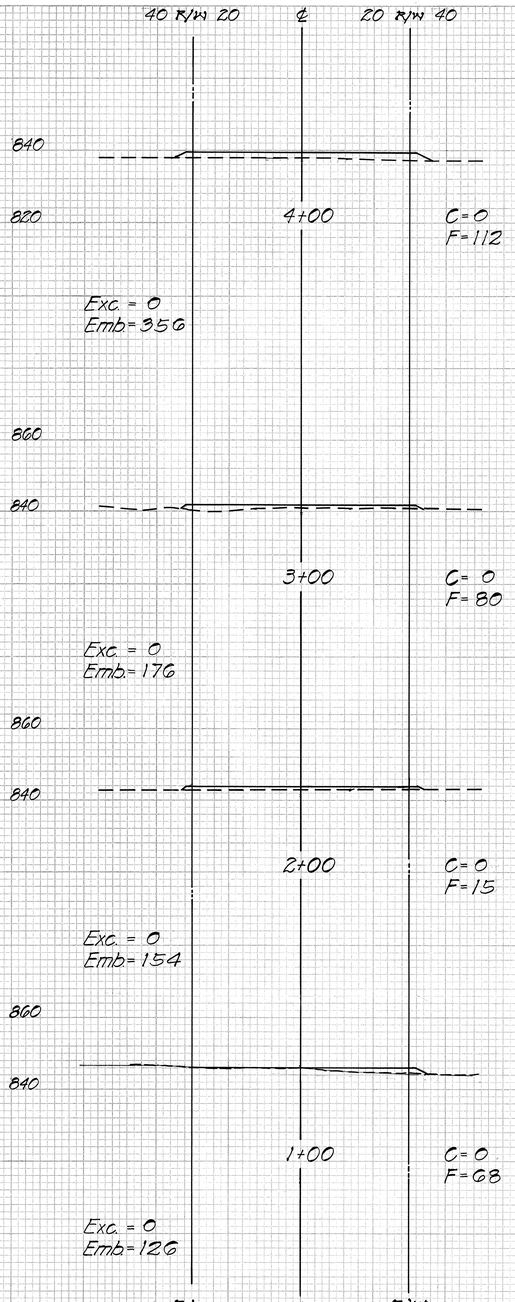
C.O. 430

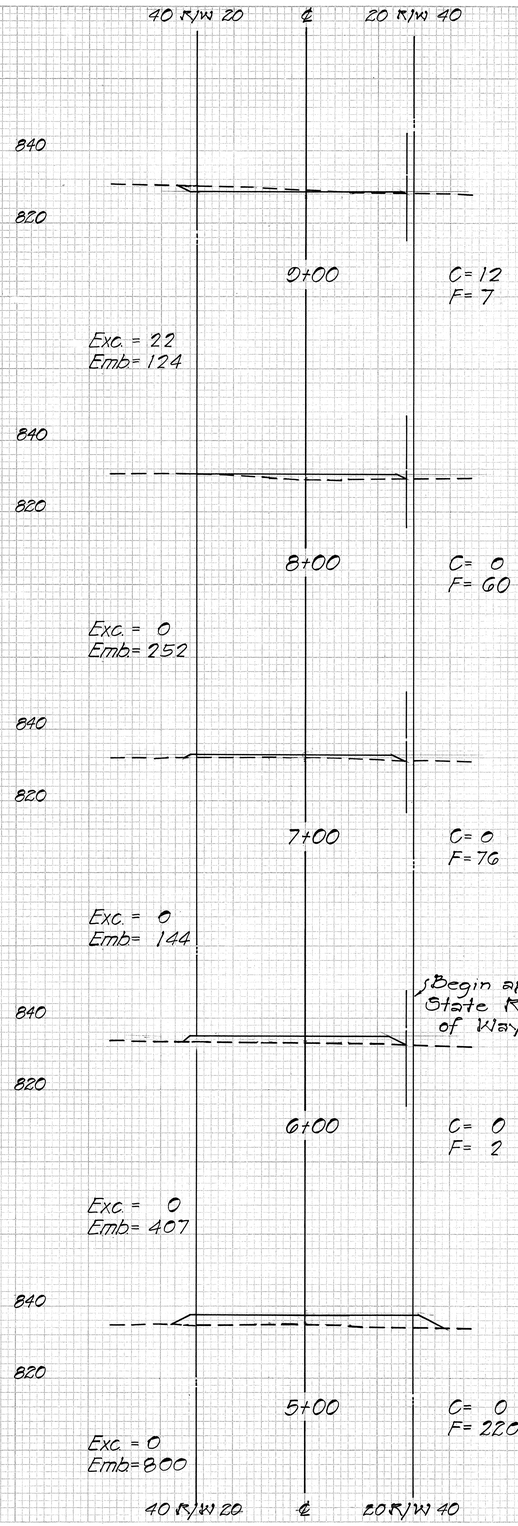
FINAL SURVEY — SURVEYED BY: PLOTTED: TEMPLATE: AREAS: AREAS CHECKED: NOTE BOOK: NO. — BY — DATE

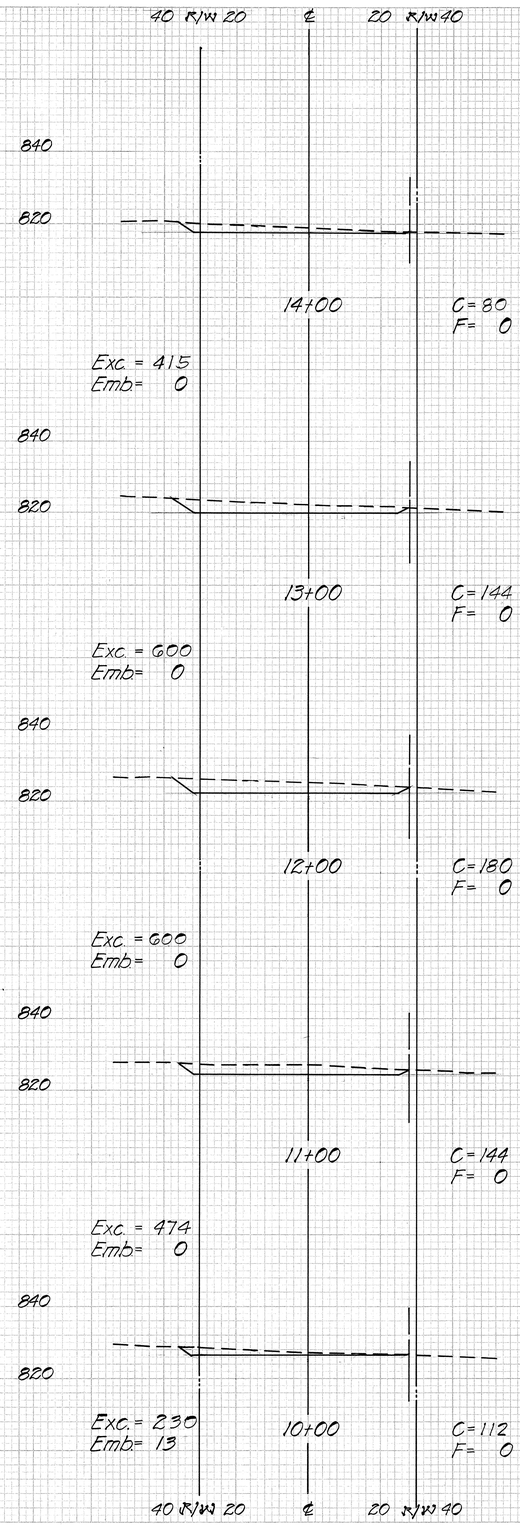
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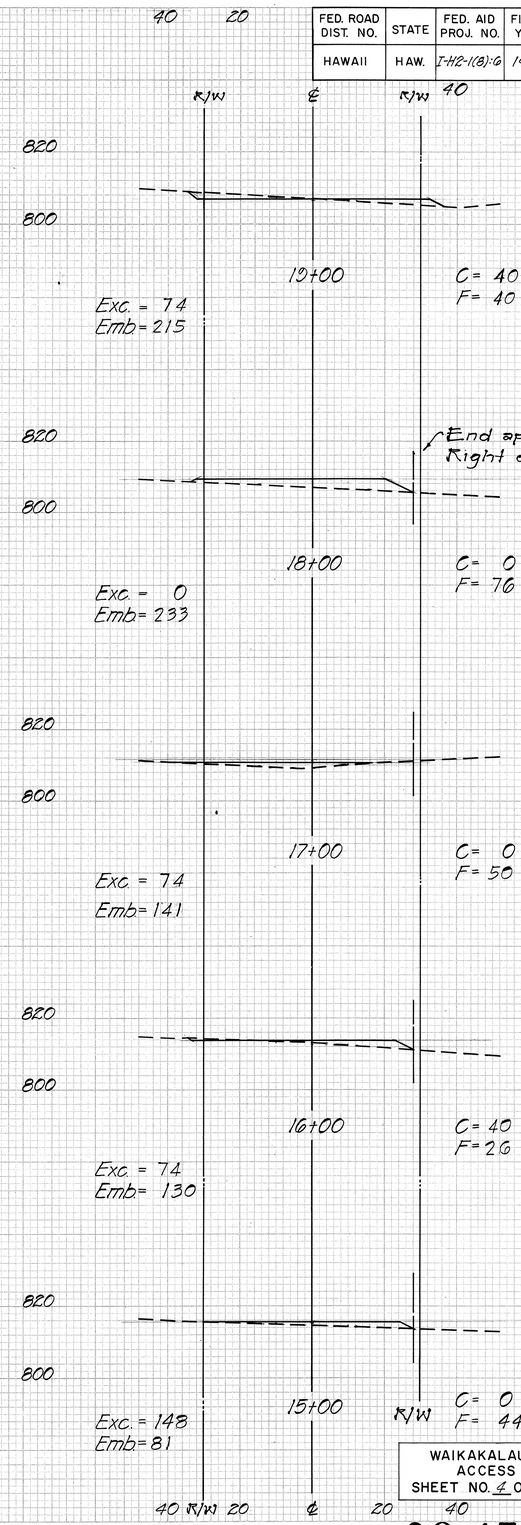
PLATE 3 - CROSS SECTION C. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E Co. No. 346-30

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI2-1(8):G	1973	C0.158	160









WAIKAKALAUA GULCH ACCESS ROAD
SHEET NO. 4 OF 6 SHEETS

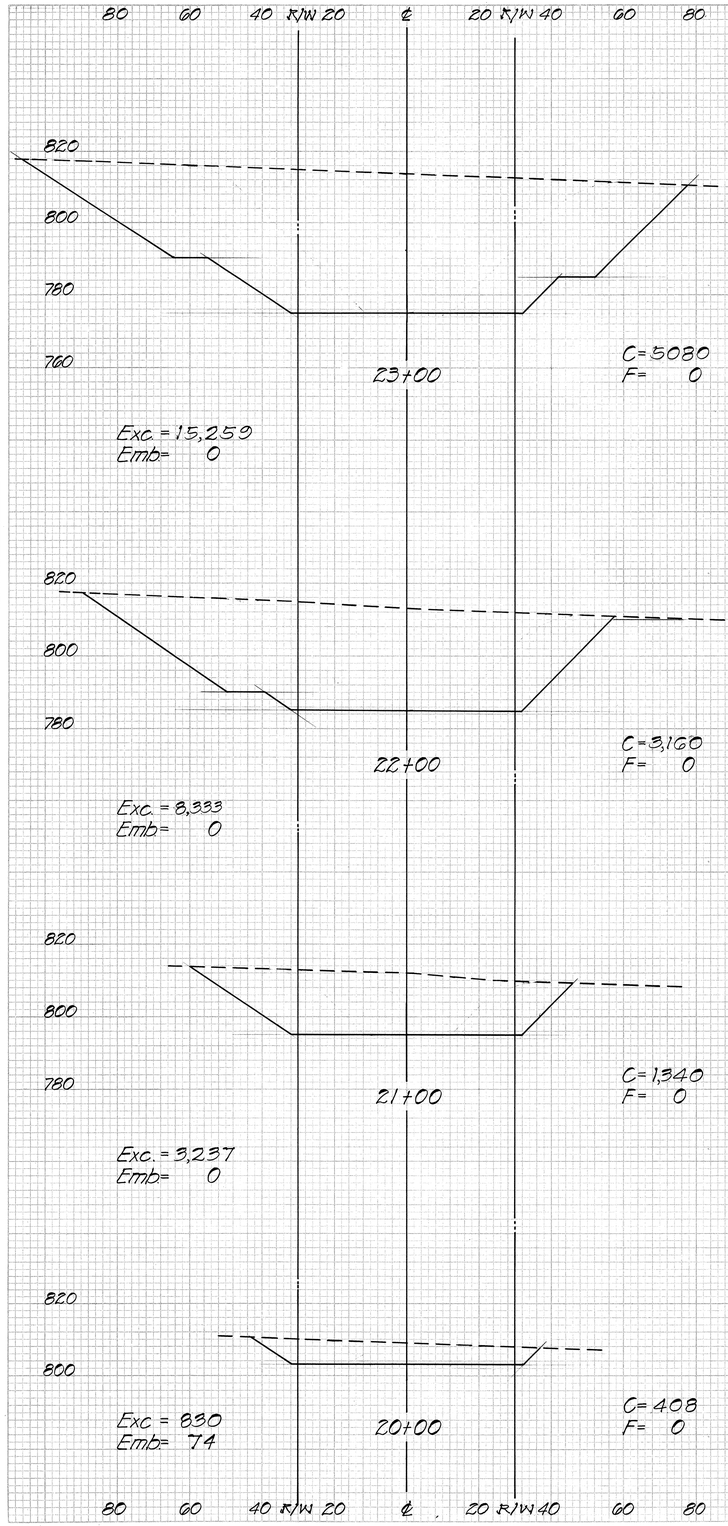
FINAL SURVEY — SURVEYED, PLOTTED, TRACED, NOTE BOOK, NO., DATE, BY, AREAS, AREAS CHECKED

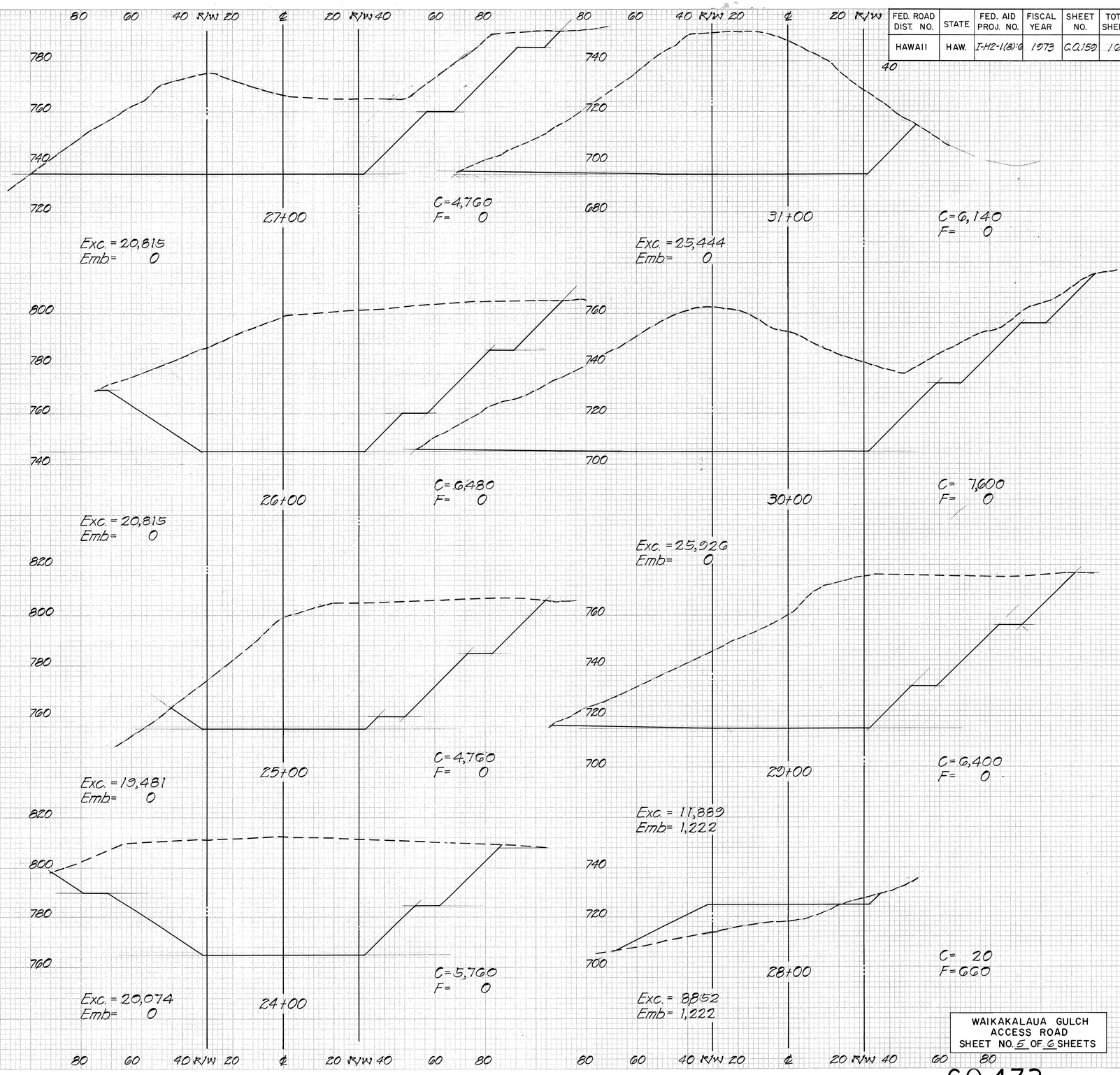
ORIGINAL SURVEY — SURVEYED, PLOTTED, TRACED, NOTE BOOK, NO., DATE, BY, AREAS, AREAS CHECKED

PLATE 3 - CROSS SECTION O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K. & E. Co. No. 348-30

C.O. 431

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(8)'6	1973	C.O.152	160





WAIKAKALAUA GULCH
ACCESS ROAD
SHEET NO. 5 OF 6 SHEETS

C.O. 432

FINAL SURVEY — DATE, BY, SURVEYED, PLOTTED, FIELD BOOK, AREAS, NO., AREAS CHECKED

ORIGINAL SURVEY — DATE, BY, SURVEYED, PLOTTED, FIELD BOOK, AREAS, NO., AREAS CHECKED

PLATE 3 - CROSS SECTION O. P. R. & N. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K. & E. Co. No. 346-30

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HR-1(8)16	1073	C.O.160	160

80 60 40 R/W 20 ℄ 20 R/W 40 60 80

TOTAL EXCAVATION 213,303 C.Y.
TOTAL EMBANKMENT 18,881 C.Y.

WAIKAKALAUA GULCH ACCESS ROAD

680
660
640

35+00 C= 0 F= 1380

Exc. = 0
Emb= 5222

680
660
640

34+00 C= 0 F= 1440

Exc. = 504
Emb= 2728

680
660

33+00 C= 272 F= 33

Exc = 3,133
Emb= 61

720
700
680

32+00 C= 4660 F= 0

Exc. = 20,000
Emb= 0

80 60 40 R/W 20 ℄ 20 R/W 40 60 80

60 40 20 ℄ 20 40 60 80

TOTAL EXCAVATION 148 C.Y.
TOTAL EMBANKMENT 8,754 C.Y.

WAIKALANI DRIVE EXTENSION

660
640

62+50 C= 0 F= 1320

Exc. = 0
Emb. = 2407

660
640

62+00 C= 0 F= 1280

Exc. = 0
Emb. = 1985

660
640

61+50 C= 0 F= 864

Exc. = 0
Emb. = 1233

660
640

61+00 C= 0 F= 468

Exc. = 0
Emb. = 596

660
640

60+50 C= 0 F= 176

Exc. = 148
Emb. = 163

660
640

60+00 C= 160 F= 0

60 40 20 ℄ 20 40 60 80

63+13.96

Exc. = 0
Emb. = 248

660
640

Exc. = 0
Emb. = 2122

63+00 C= 0 F= 972

80 60 40 20 ℄ 20 40 60 80

WAIKAKALAUA GULCH
ACCESS ROAD &
WAIKALANI DRIVE EXTENSION
SHEET NO. 6 OF 6 SHEETS

C.O. 433

FINAL SURVEY — DATE, BY, SURVEYED, COMPUTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, NO.

ORIGINAL SURVEY — SURVEYED, COMPUTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, NO.

PLATE 3 - CROSS SECTION - U. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E CO. NO. 348-50