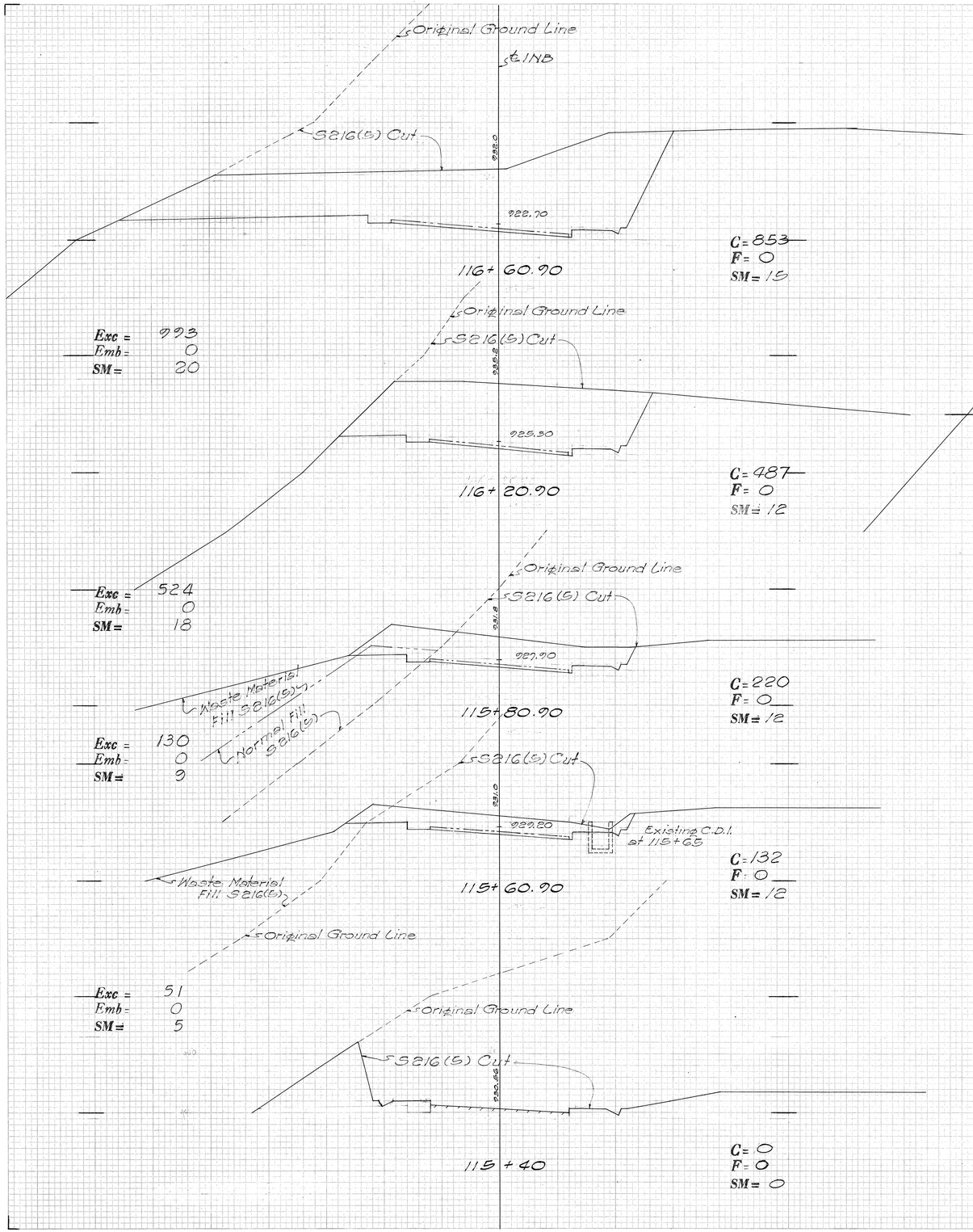
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0G(10)1055	68	87	

FINAL SURVEY — SURVEYED, FOOTAGE, NOTE BOOK, NO., PLATE, AREAS, AREAS CHECKED, BY, DATE

ORIGINAL SURVEY — SURVEYED, FOOTAGE, NOTE BOOK, NO., PLATE, AREAS, AREAS CHECKED, BY, DATE — P.T. C.I. — 6-27-66 — 7-66 — 7-68



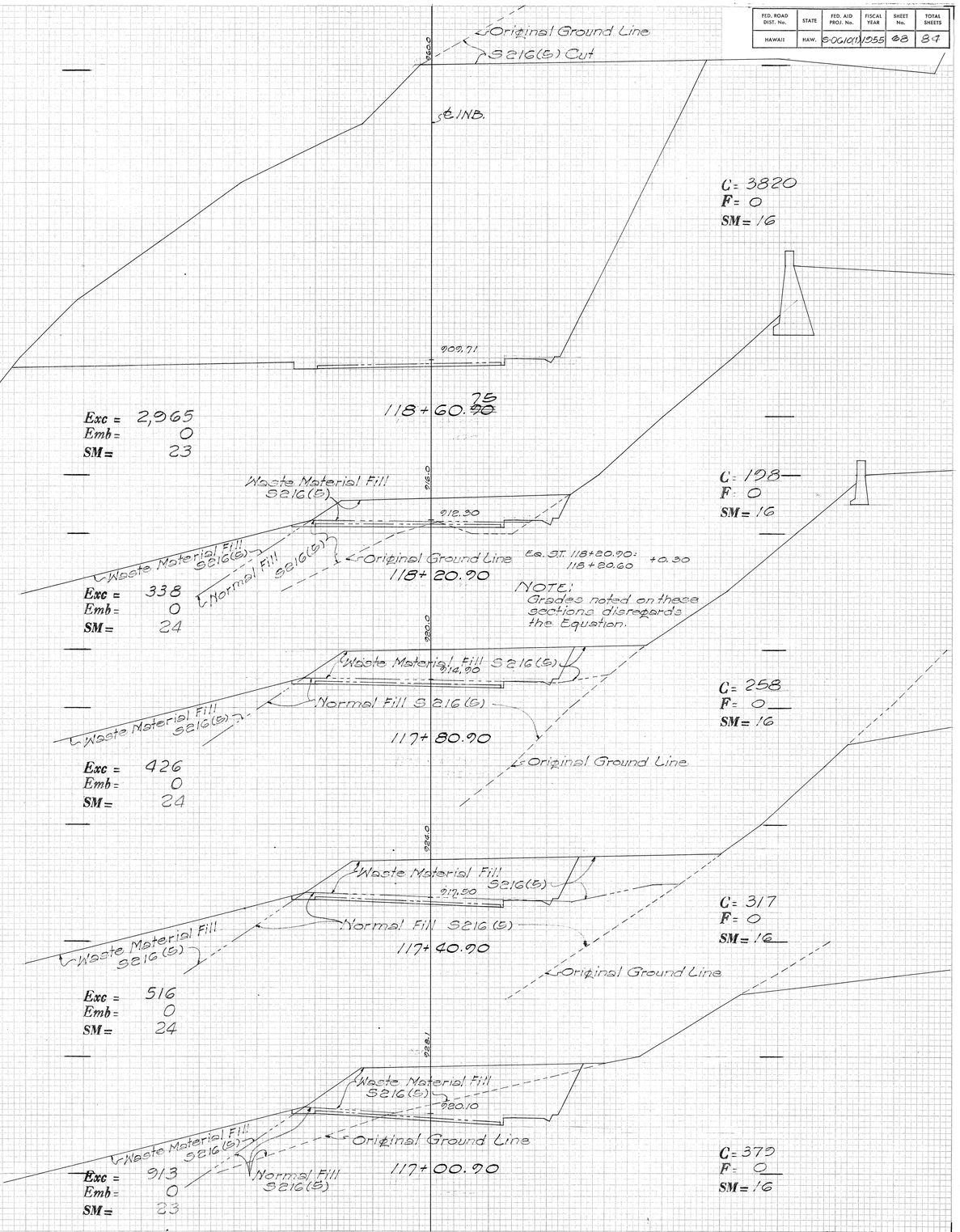


PLATE 3 - CROSS SECTION O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U.S.A. 62020

5752 • 68

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0610(1)	1955	69	84

℄ INB

880.38

658.3

123+12

Exc =
Emb =
SM =

C = 0
F = 0
SM = 0

903.91

658.0

119+50

C = 0
F = 0
SM = 0

Exc = 148
Emb = 0
SM = 5

905.29

911.6

C. 377
F = 0
SM = 13

119+28.75
BEG. OF BRIDGE 4

Exc = 1,102
Emb = 0
SM = 14

907.11

838.0

C = 1,748
F = 0
SM = 14

119+00.75

Exc = 4,124
Emb = 0
SM = 22

℄ INB

NOTE:
If necessary, cut slope shall be steepened to miss structures along Existing Pali Road.

910.0

C = 3,362
F = 0
SM = 13

877.91

123+50

Exc = 1,698
Emb = 0
SM = 10

852.3

877.28

C = 1,004
F = 0
SM = 13

123+29
END OF BRIDGE 4

Exc = 316
Emb = 0
SM = 4

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

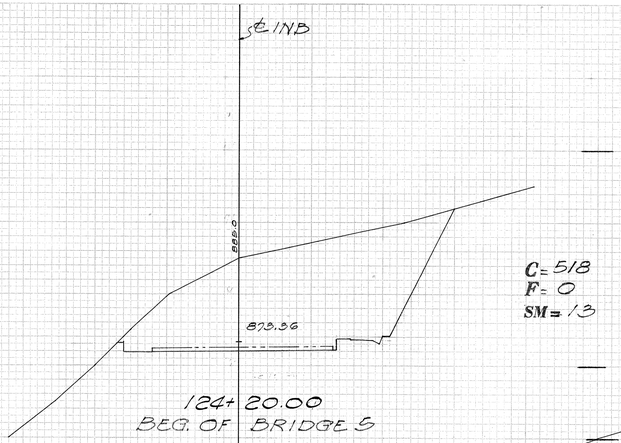
ORIGINAL SURVEY — DATE — BY — 6-21-55 — 7-8-55 — 7-8-55 — F. F. C. L.

PLATE 3 - CROSS SECTION O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U.S.A. 65939

5752 • 69

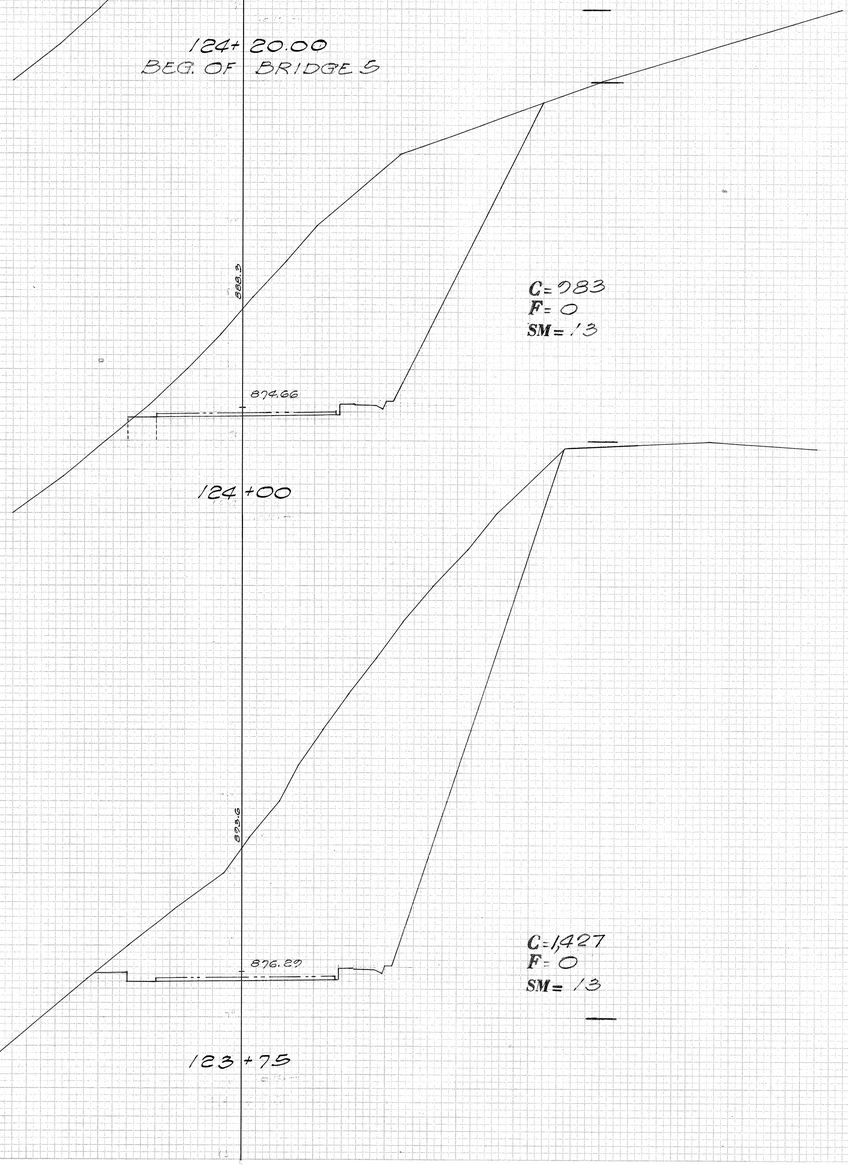
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0G101	1955	70	84



C = 518
F = 0
SM = 13

124+20.00
BEG. OF BRIDGE 5

Exc = 557
Emb = 0
SM = 10



C = 983
F = 0
SM = .13

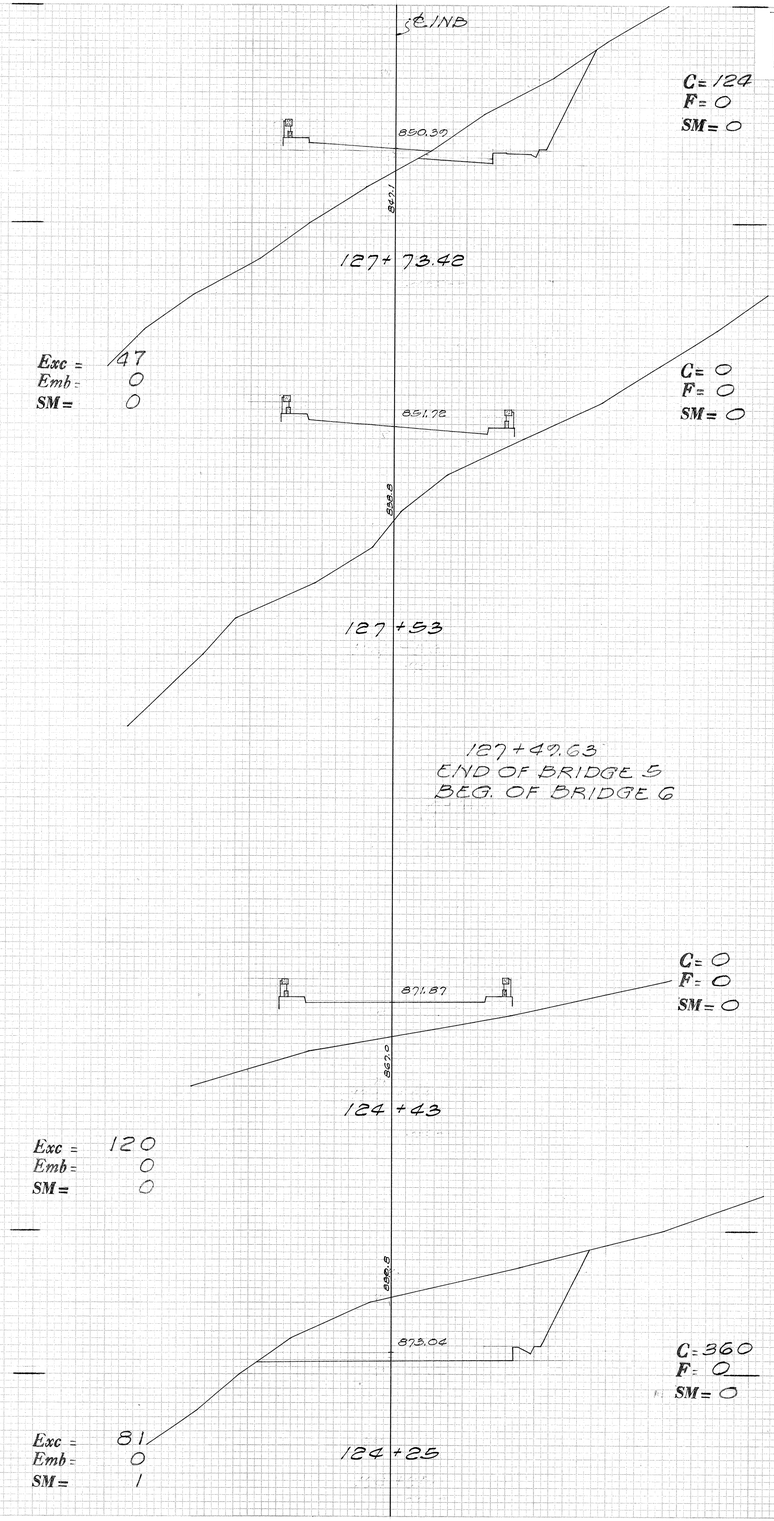
124+00

Exc = 1,116
Emb = 0
SM = 12

C = 1,427
F = 0
SM = 13

Exc = 2,217
Emb = 0
SM = 12

123+75



C = 124
F = 0
SM = 0

127+73.42

Exc = 47
Emb = 0
SM = 0

C = 0
F = 0
SM = 0

127+53

127+49.63
END OF BRIDGE 5
BEG. OF BRIDGE 6

C = 0
F = 0
SM = 0

124+43

Exc = 120
Emb = 0
SM = 0

C = 360
F = 0
SM = 0

Exc = 81
Emb = 0
SM = 1

124+25

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, NOTE BOOK, AREAS CHECKED, NO., BY, DATE 6-17-56

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

PLATE 3 - CROSS SECTION O.P.R.&R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3

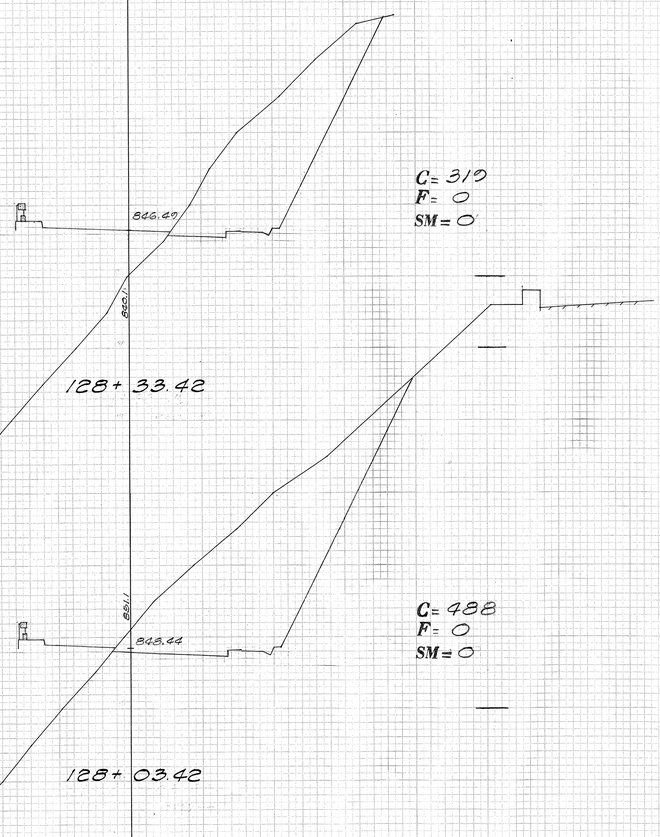
5752 • 70

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0GIK(1)	1955	71	84

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, FIELD BK. NO., AREAS CHECKED, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, NOTE BOOK, AREAS, NO., AREAS CHECKED, DATE 6-27-58, BY PT

℄ INB



128+33.42

Exc = 448
Emb = 0
SM = 0

C = 319
F = 0
SM = 0

128+03.42

Exc = 323
Emb = 0
SM = 0

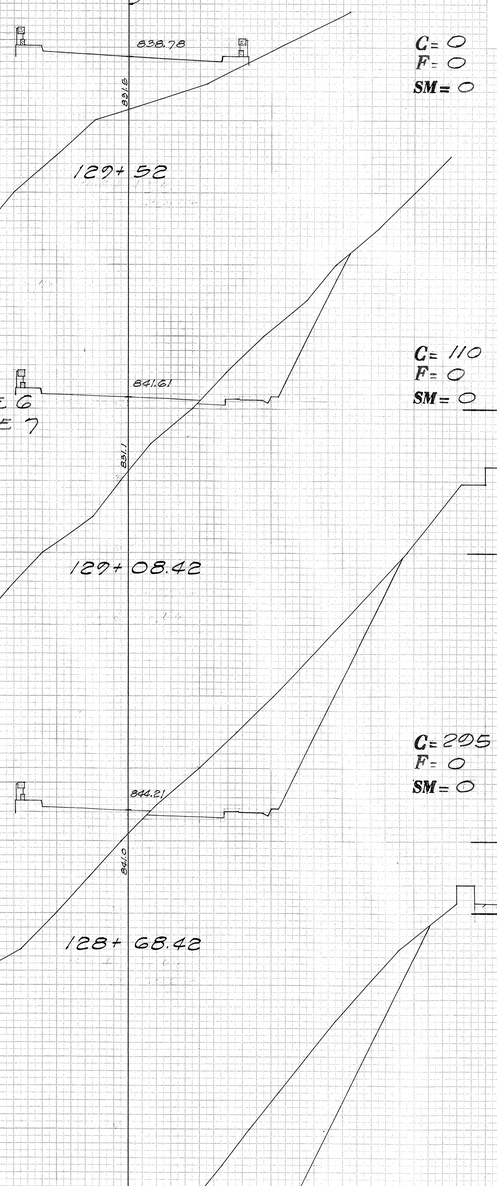
C = 488
F = 0
SM = 0

127+80

Exc = 46
Emb = 0
SM = 0

C = 256
F = 0
SM = 0

℄ INB



129+52

Exc = 89
Emb = 0
SM = 0

C = 0
F = 0
SM = 0

129+43.25
END OF BRIDGE 6
BEG. OF BRIDGE 7

C = 110
F = 0
SM = 0

129+08.42

Exc = 300
Emb = 0
SM = 0

C = 205
F = 0
SM = 0

128+68.42

Exc = 246
Emb = 0
SM = 0

C = 369
F = 0
SM = 0

128+48.42

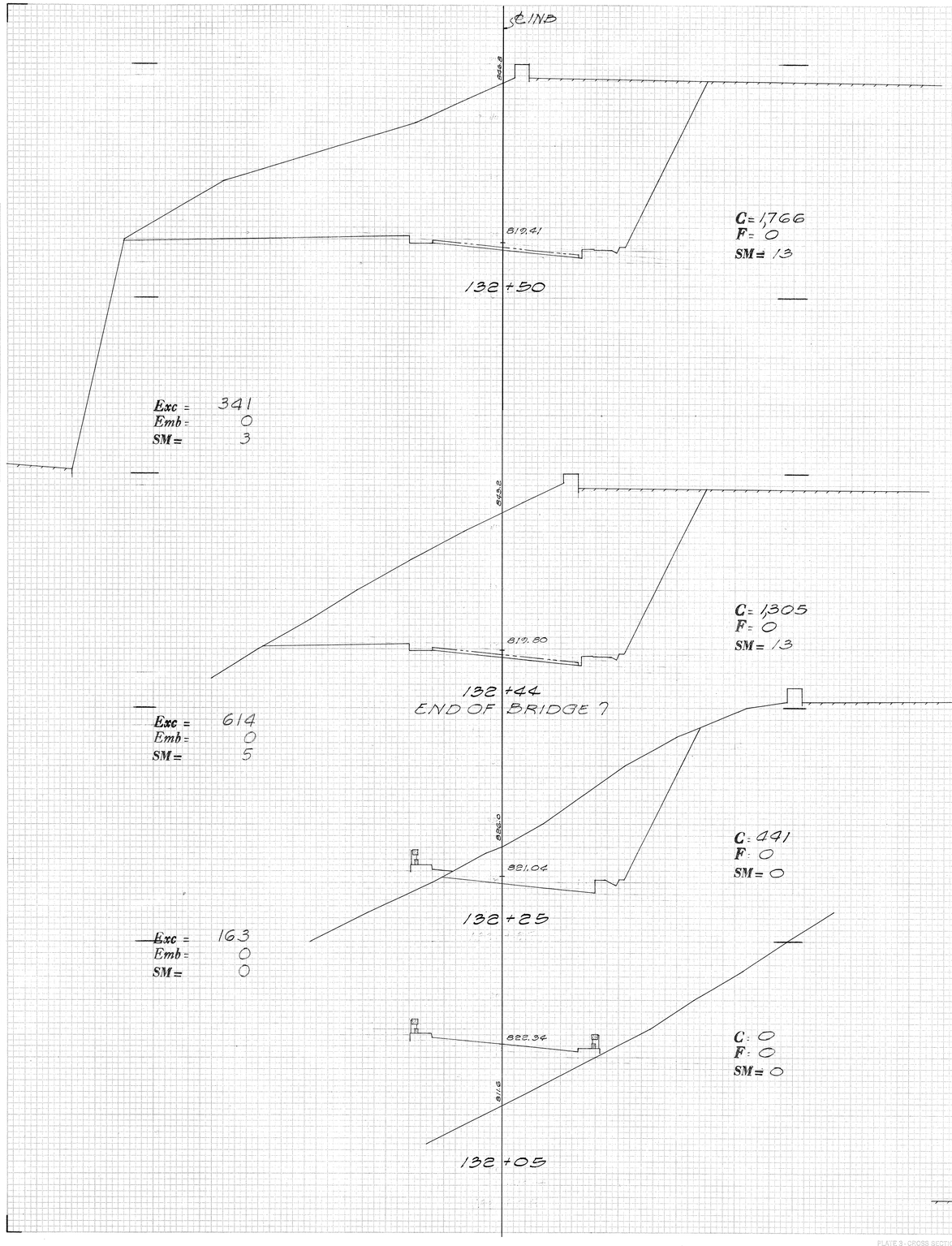
Exc = 191
Emb = 0
SM = 0

PLATE 3 - CROSS SECTION C. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U.S.A. 69030

5752 • 71

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0610(1)055	72	84	



Exc = 341
Emb = 0
SM = 3

C = 1,766
F = 0
SM = 13

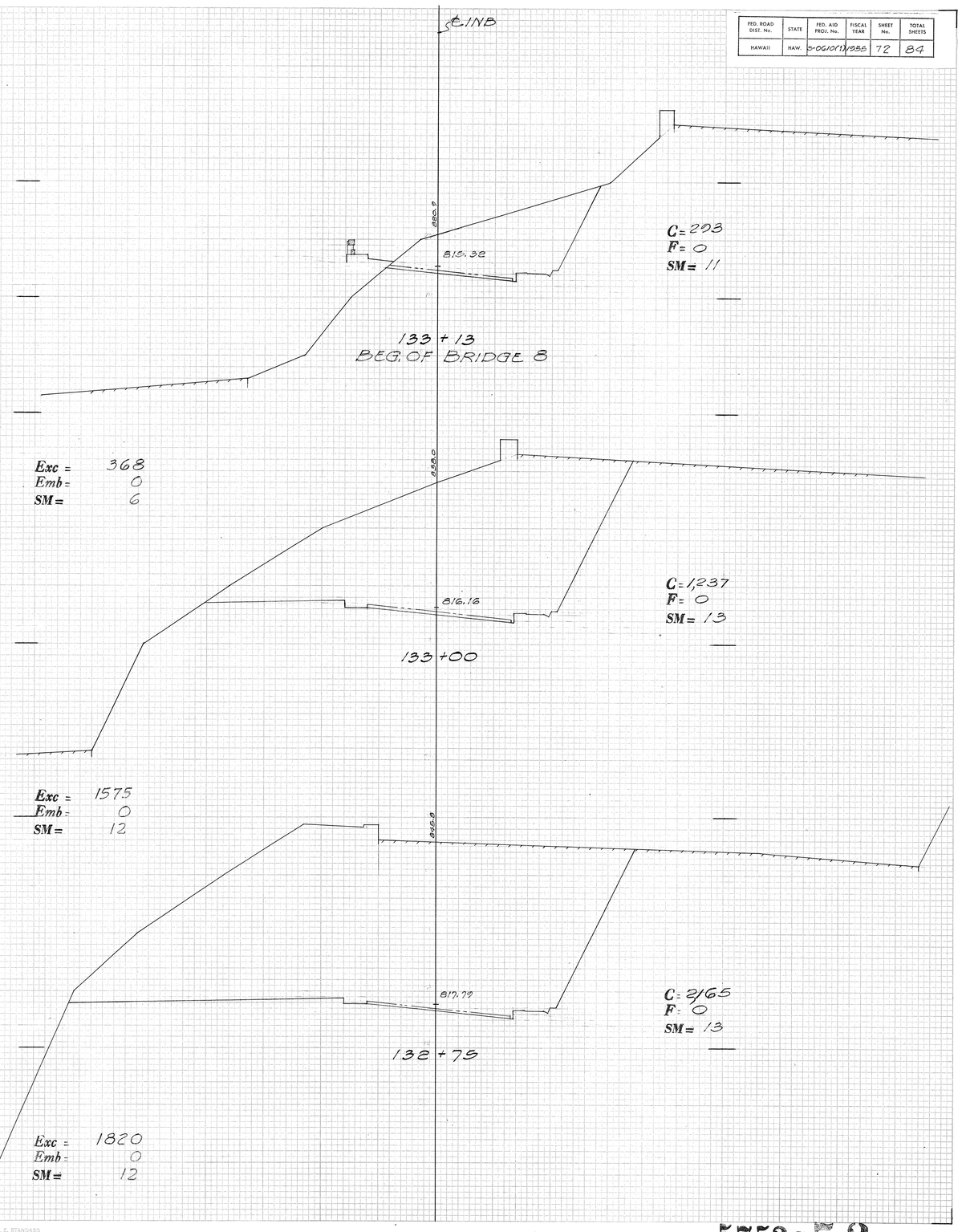
Exc = 614
Emb = 0
SM = 5

C = 1,305
F = 0
SM = 13

Exc = 163
Emb = 0
SM = 0

C = 441
F = 0
SM = 0

C = 0
F = 0
SM = 0



Exc = 368
Emb = 0
SM = 6

C = 203
F = 0
SM = 11

Exc = 1575
Emb = 0
SM = 12

C = 1,237
F = 0
SM = 13

Exc = 1820
Emb = 0
SM = 12

C = 2165
F = 0
SM = 13

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

FINAL SURVEY — DATE 6-27-56, BY T

PLATE 3 - CROSS SECTION C. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U.S.A. 69999

5752 • 72

72

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0601(17)	1955	73	84

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

ORIGINAL SURVEY — DATE 6-27-55 — BY GT — SURVEYED — PLOTTED — TRACED — NOTE BOOK — NO. — AREAS CHECKED

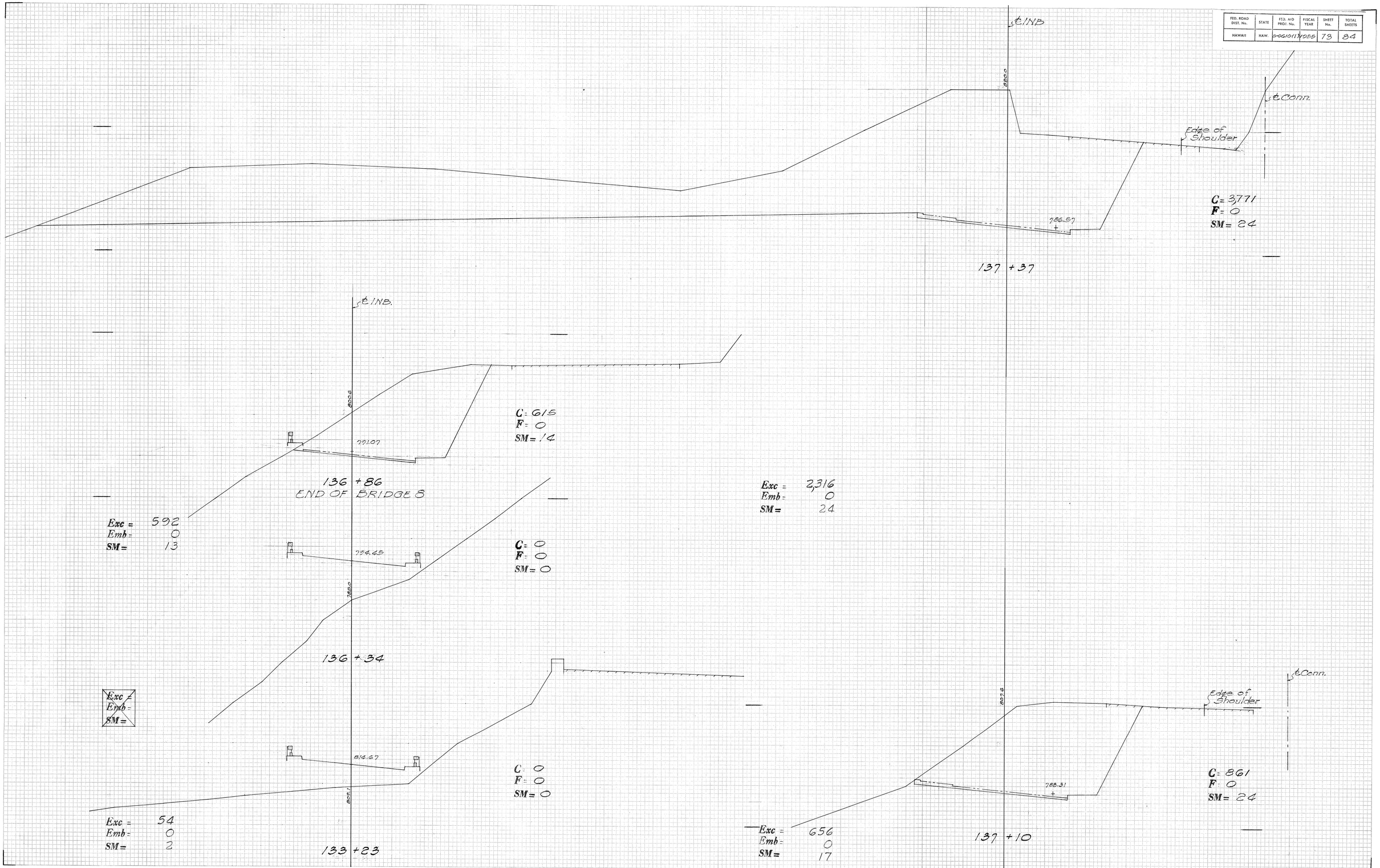
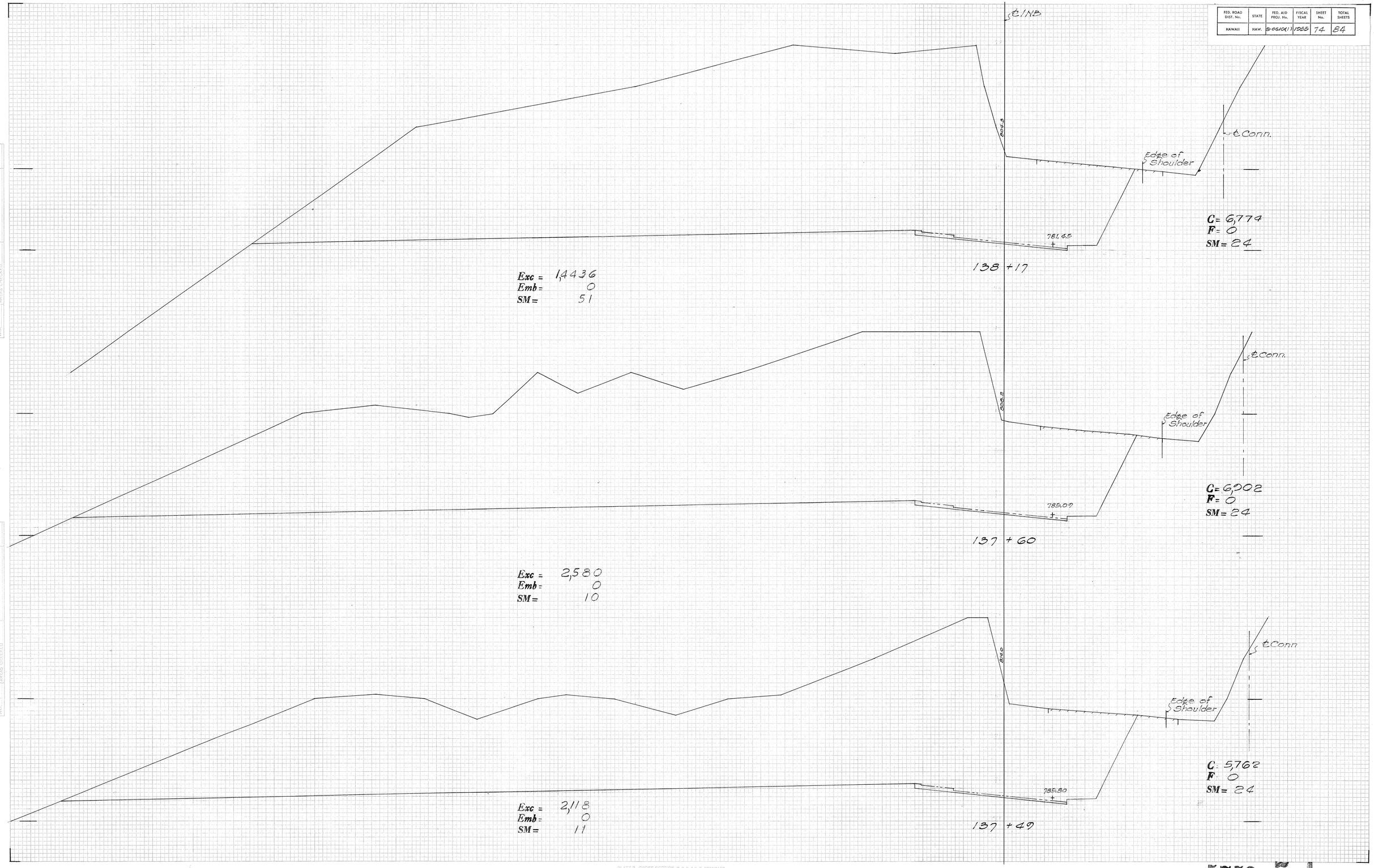


PLATE 3 - CROSS SECTION U. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U.S.A. 65000

5752 • 73

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0610(1)	1955	74	84



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

ORIGINAL SURVEY — DATE 2-6-56 — BY T.T. — SURVEYED — PLOTTED — REVISED — NOTE BOOK — AREAS — NO. 1 — AREAS CHECKED

PLATE 3 - CROSS SECTION C. P. R. & N. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U. S. A. 23529

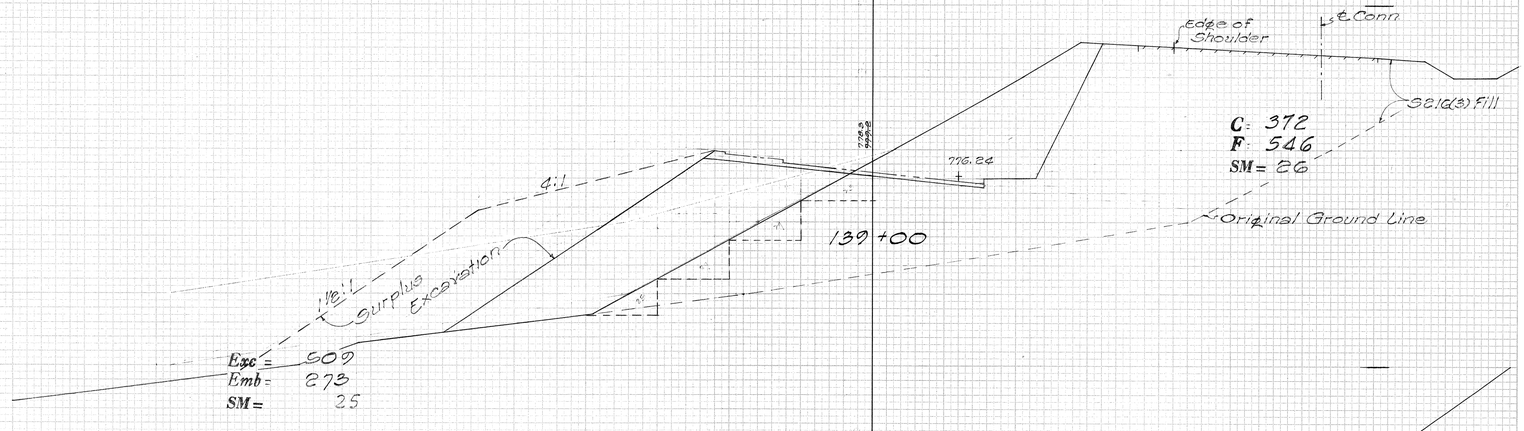
5752 • 74

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-061(11)	1955	75	84

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

ORIGINAL SURVEY — SURVEYED, PLOTTED, TRACED, NOTE BOOK, NO., DATE 6-27-55, BY P.T., AREAS CHECKED

℄ IND



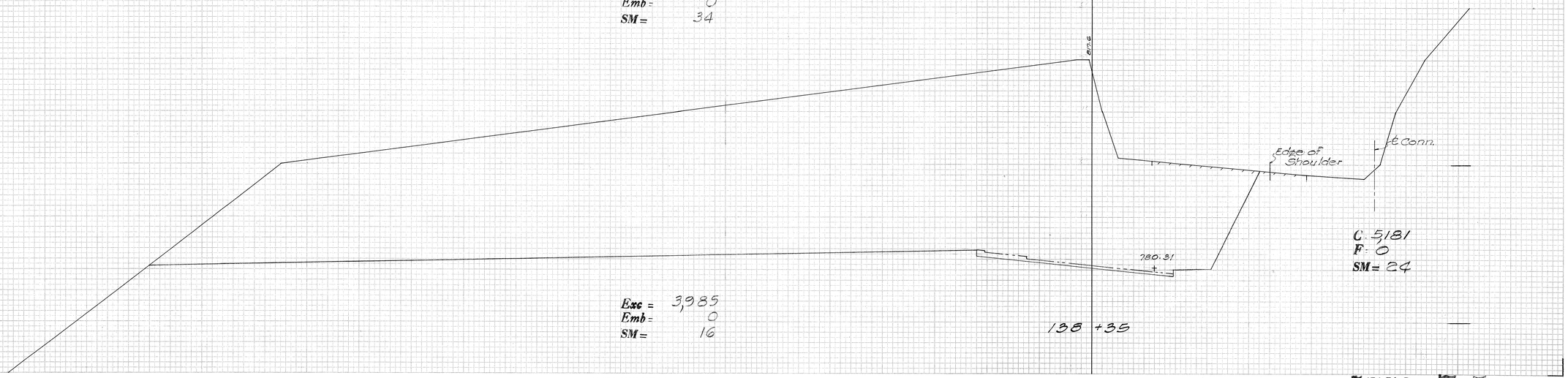
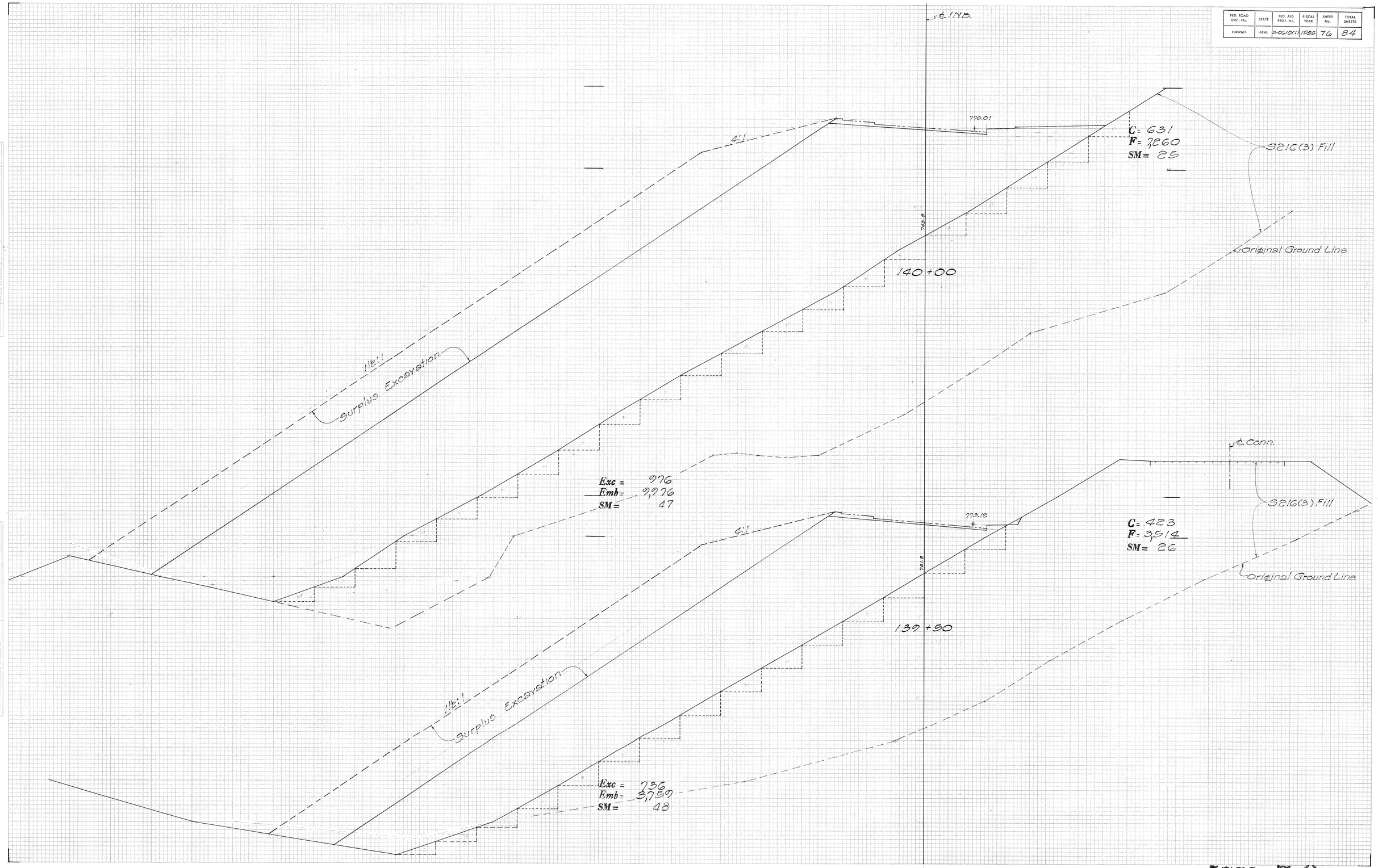


PLATE 3 - CROSS SECTION O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3

5752.75

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0610(1)	1955	76	84



ORIGINAL SURVEY — SURVEYED — PLOTTED — TEMPLATE — AREAS CHECKED — NOTE BOOK — PAGE NO. — BY — DATE

FINAL SURVEY — SURVEYED — PLOTTED — TEMPLATE — AREAS CHECKED — NOTE BOOK — PAGE NO. — BY R.T. — DATE 6-27-56

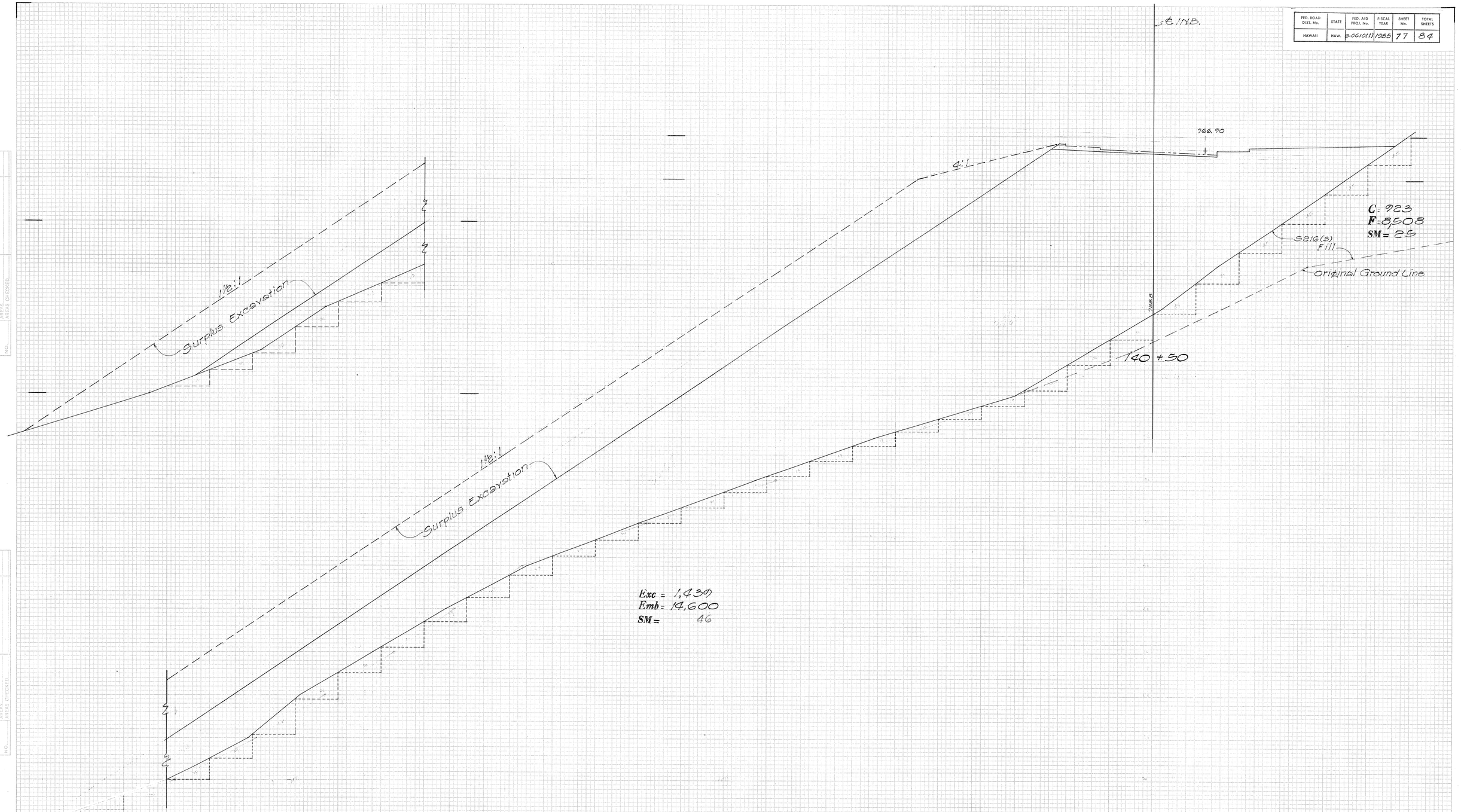
PLATE 3 - CROSS SECTION D. P. R. & R. E. STANDARD

KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U.S.A. 03939

5752 • 76

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0G1(1)	1955	77	84



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

ORIGINAL SURVEY — SURVEYED, PLOTTED, NOTE BOOK, NO., TEMPLATE, PEGS, AREAS CHECKED, BY, DATE — P.J. — 6-27-55

PLATE 3 - CROSS SECTION O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U. S. A. 63030

5752 • 77

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0660(1)	1955	78	84

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

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

℄ INB

765.34

140+75

S216(3) Fill

Original Ground Line

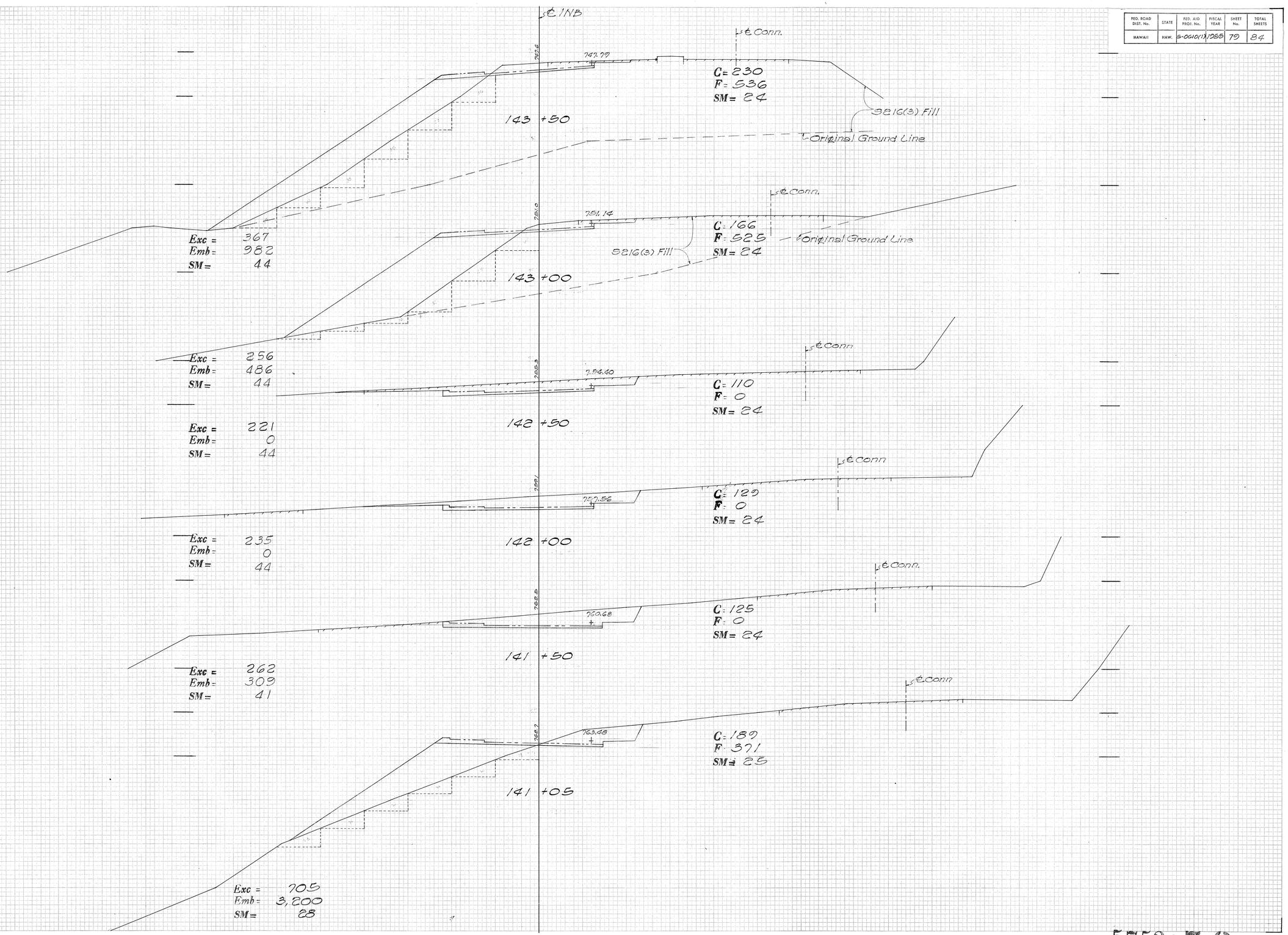
C = 1080
F = 5389
SM = 25

Exc = 927
Emb = 6,434
SM = 23

PLATE 3 CROSS SECTION U. P. R. & R. E. STANDARD
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

5752•7 S

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0610(1)/DSB	79	84	



FINAL SURVEY — DATE — BY — SURVEYED — PLOTTED — TRIMLINE — RECTIFIED — AREAS CHECKED — NOTE BOOK — NO.

ORIGINAL SURVEY — DATE 6-27-66 — BY — SURVEYED — PLOTTED — TRIMLINE — RECTIFIED — AREAS CHECKED — NOTE BOOK — NO.

PLATE 3 - CROSS SECTION C. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U.S.A. 65990

5752 • 79

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0610(1)	1955	80	84

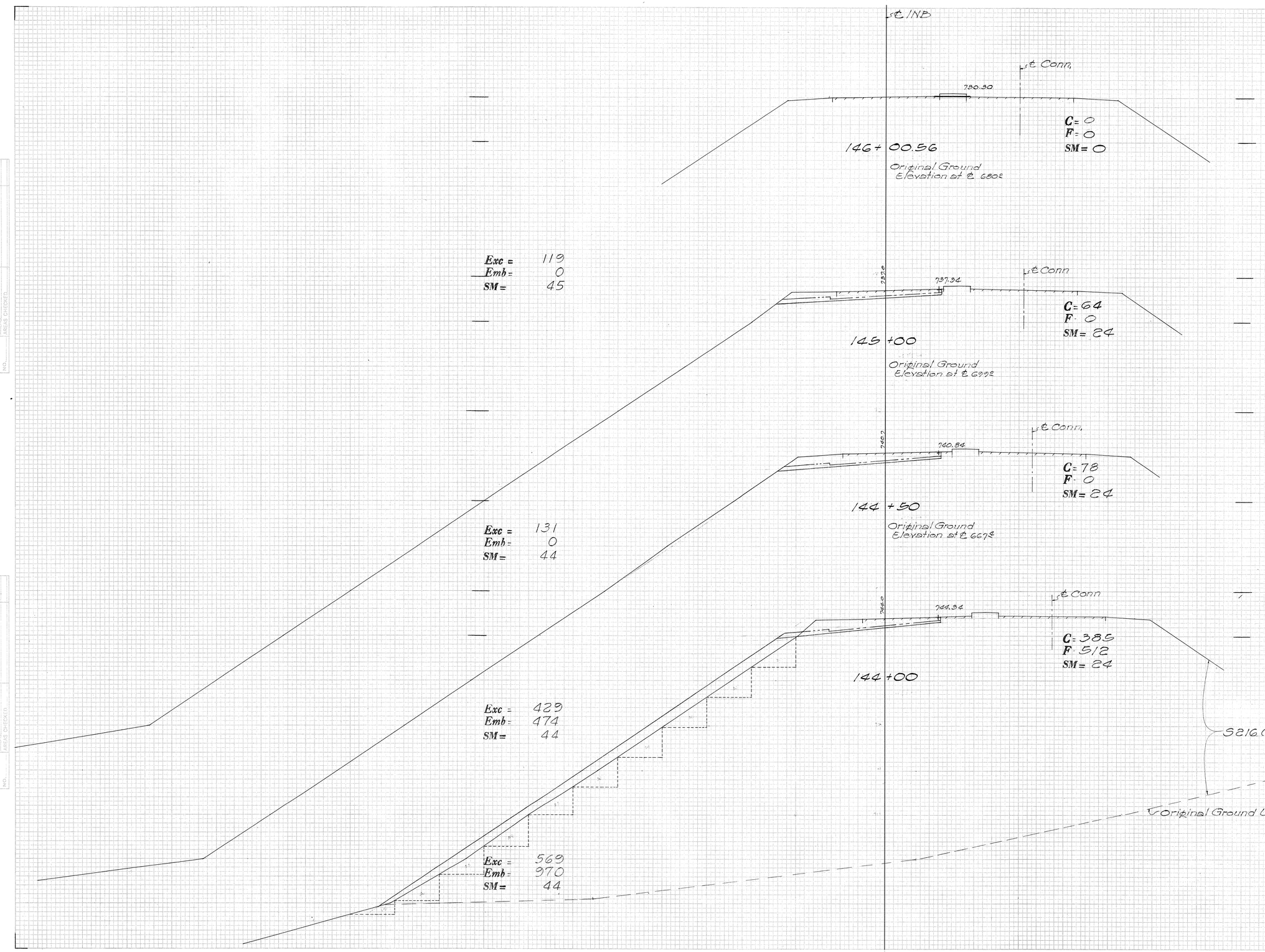


PLATE 3 - CROSS SECTION O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U.S.A. 63930

5752 • 80

80

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0610(1)	1955	81	84

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

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE — F.H. H.S. — 7-25-55 7-27-55

136+50

SE NEW CONN

8.5%

816.30

C= 162
F= 0

Exc = 125
Emb = 1

136+25

8.8%

816.98

C= 108
F= 1

Exc = 88
Emb = 1

135+96

8.8%

819.7

C= 56
F= 0

Exc = 14
Emb = 0

135+82.25

8.8%

C= 0
F= 0

137+20

SE NEW CONN

8.8%

806.77

1:1 Inb. Cut Slope

C= 2,676
F= 0

Exc = 1,731
Emb = 0

137+00

8.8%

806.22

1.5 Inb. Cut Slope

C= 1,998
F= 0

Exc = 2,000
Emb = 0

NEW CONNECTION

PLATE 3 CROSS SECTION U. P. R. & R. E. STANDARD
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

5752 • S1

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0610(1)	1955	82	84

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

ORIGINAL SURVEY
SURVEYED
PLOTTED
NOTE BOOK
NO.
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE
F.H.
H.S.
7/25/55
7/27/55

SE/NEW CONN

SE/NEW CONN

821.0

806.16

1/Inb. Cut Slope

137 +45

Exc = 2,270
Emb = 0

C = 2,994
F = 0

825.0

806.34

1/Inb. Cut Slope

137 +84

Exc = 409
Emb = 0

C = 2,844
F = 0

822.2

801.72

1/Inb. Cut Slope

137 +70

Exc = 2,666
Emb = 0

C = 2,765
F = 0

NEW CONNECTION

PLATE 3 CROSS SECTION D. P. R. & R. E. STANDARD
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

5752 • 82

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-0610(1)	1955	83	84

℄ NEW CONN

Exc = 1,206
Emb = 0

Exc = 538
Emb = 0

Exc = 2,113
Emb = 0

Lt. Inb. Cut Slope
138+20

Lt. Inb. Cut Slope
138+00

Lt. Inb. Cut Slope
137+93

NEW CONNECTION

C = 1,300
F = 0

C = 1,956
F = 0

C = 2,197
F = 0

ORIGINAL SURVEY	DRAWN	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS	E. H.	11-25-55
	AREAS CHECKED	F. S.	11-27-55

FINAL SURVEY	DRAWN	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

PLATE 3 CROSS SECTION U. P. R. & R. C. STANDARD
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

5752 • 83

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	S-061(1)	1955	84	84

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

ORIGINAL SURVEY — SURVEYED BY: E. H. S.; PLOTTED BY; TEMPLATE BY; NOTE BOOK; AREAS CHECKED; NO.; DATE: 12-55 12-1955

℄ NEW CONN

786.83

139+65

C = 0
F = 0

Exc = 53
Emb = 13

782.6

782.02

Sinb. Cut Slope

139+00

C = 44
F = 11

Exc = 491
Emb = 11

℄ NEW CONN

782.6

781.41

Sinb. Cut Slope

138+48

C = 466
F = 0

Exc = 434
Emb = 0

℄ NEW CONN

782.6

796.62

Sinb. Cut Slope

138+31

C = 913
F = 0

Exc = 451
Emb = 0

NEW CONNECTION

PLATE 3 CROSS SECTION U. P. R. & R. E. STANDARD
1955 MAR PAPER-MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

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