FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW	FU 44(8) UNIT 2	1950	41	75

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

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

℄ 08 ℄ ℄ 18

R/W

5.07 5.08 5.43 5.81 6.85 6.22 5.41

W 8'-0"

S-16" ☐ (Abandoned)

S-16" ○ S-24" ○

El. Duct

New Oil Lines

126 +67.35

121 +59.54

C= 40
F= 27

BEG. OF PROJ. Nº FU 44 (5)
= Sta. 121+59.54 =
Sta. 126+67.35
(PROJ. Nº FU-44 (3) 2nd UNIT)

121 +59.54

5.36

W 8'-0"

5.34

126 +50

121 +50

5.18

℄ 08 ℄ ℄ 18

R/W

5.90 5.99 6.40 6.08 6.07 5.18 6.19

Exc = 116.7
Emb = 149.2

W 8'-0"

S-16" ○ S-24" ○

S-16" ☐ (Abandoned)

El. Duct

New Oil Lines

123 +00

C= 69
F= 64

R/W

5.43 5.79 6.17 5.91 6.15 5.88 5.74

Exc = 94.4
Emb = 110.6

W 8'-0"

S-16" ○ S-24" ○

S-16" ☐ (Abandoned)

El. Duct

122 +50

C= 57
F= 60

R/W

5.23 5.59 5.97 5.80 6.54 5.84 5.36

Exc = 78.7
Emb = 71.0

W 8'-0"

S-16" ○ S-24" ○

S-16" ☐ (Abandoned)

El. Duct

New Oil Lines

182 +00

18" Conc. Pipe Culvert

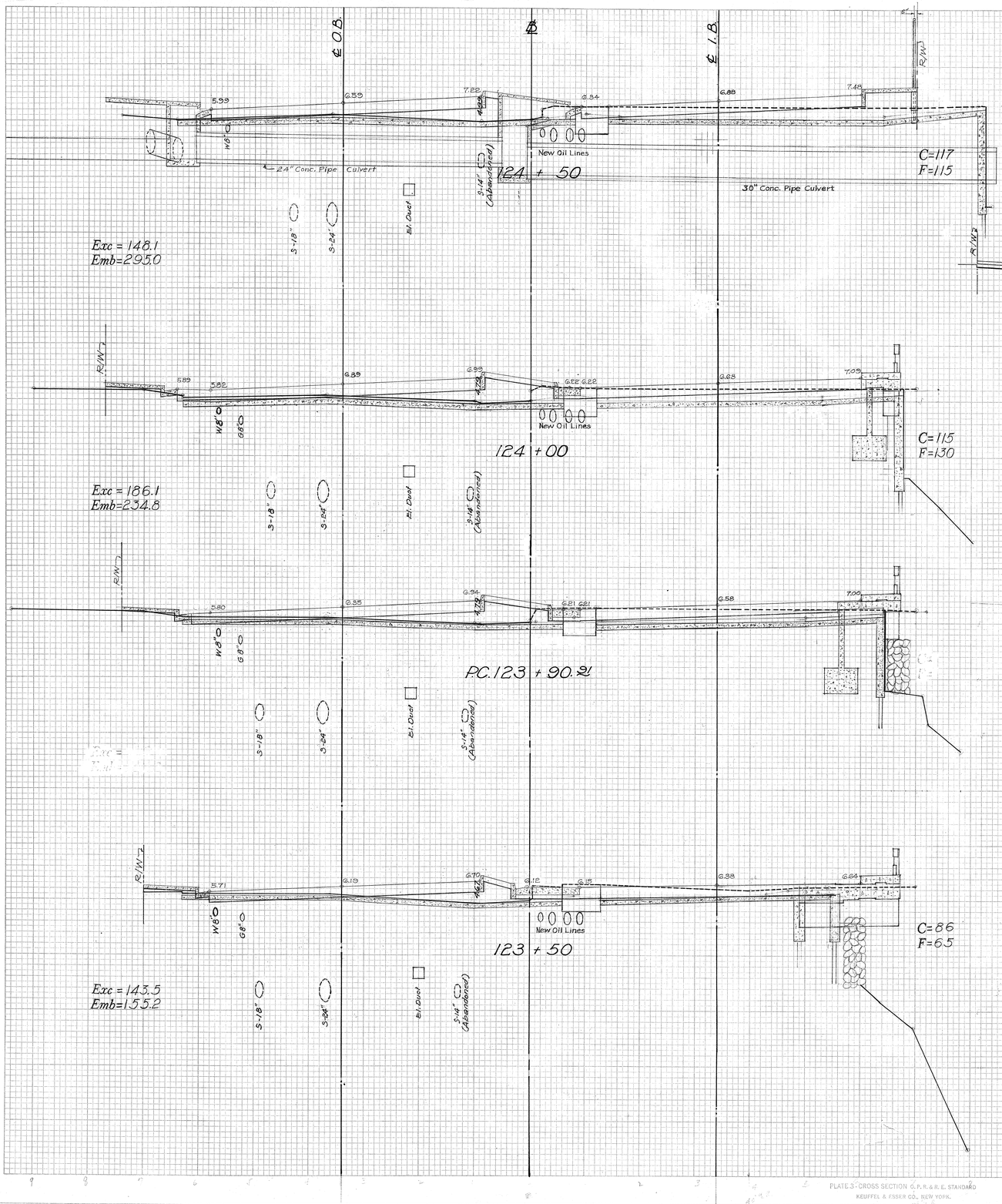
C= 45
F= 32

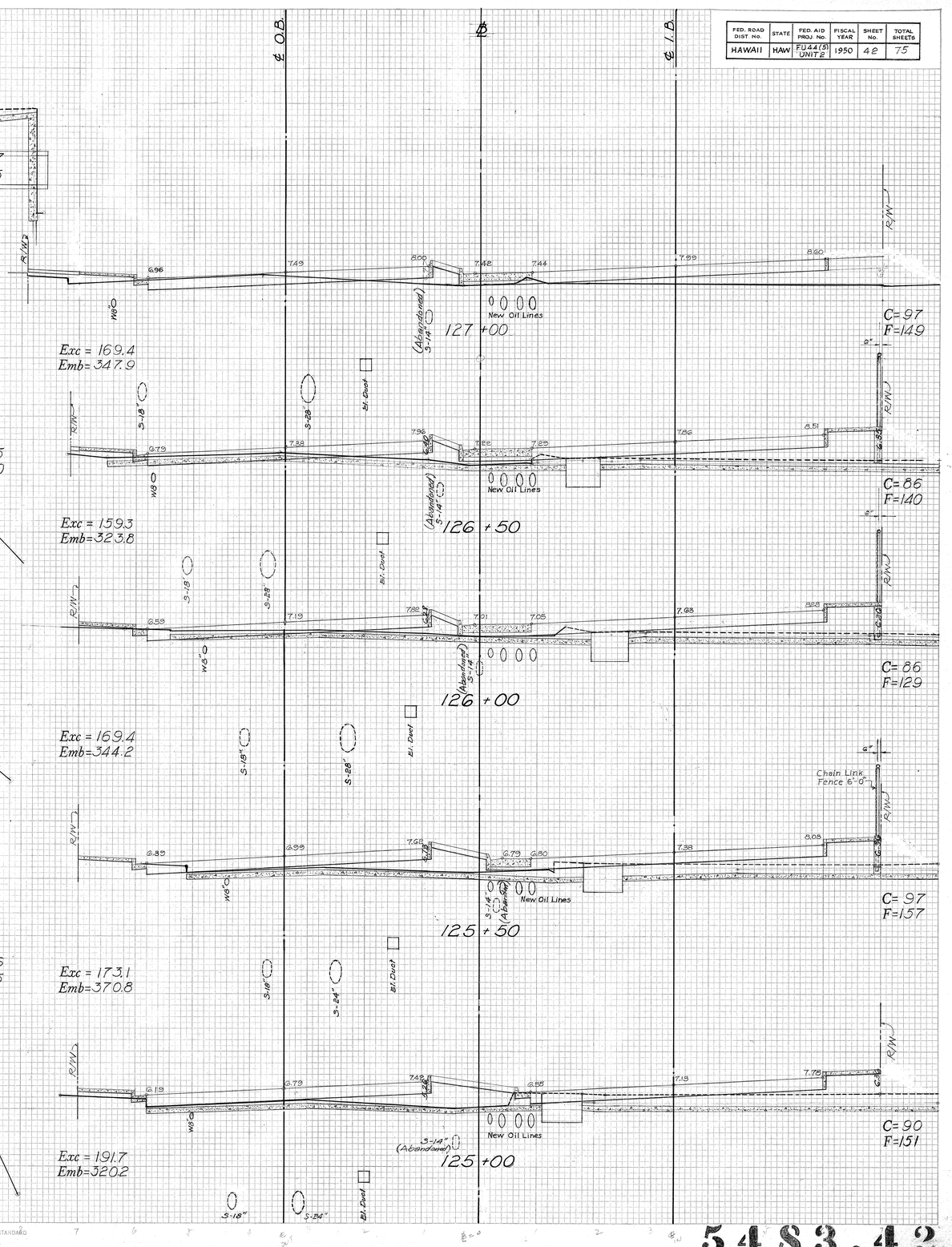
PLATE 3-CROSS SECTION O.P.R.&R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

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

5483.41

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	FU44(5) UNIT 2	1950	42	75





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

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY, DATE — 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.

5483.42

INBOUND & OUTBOUND

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW	FU44(5) UNIT 2	1950	43	75

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

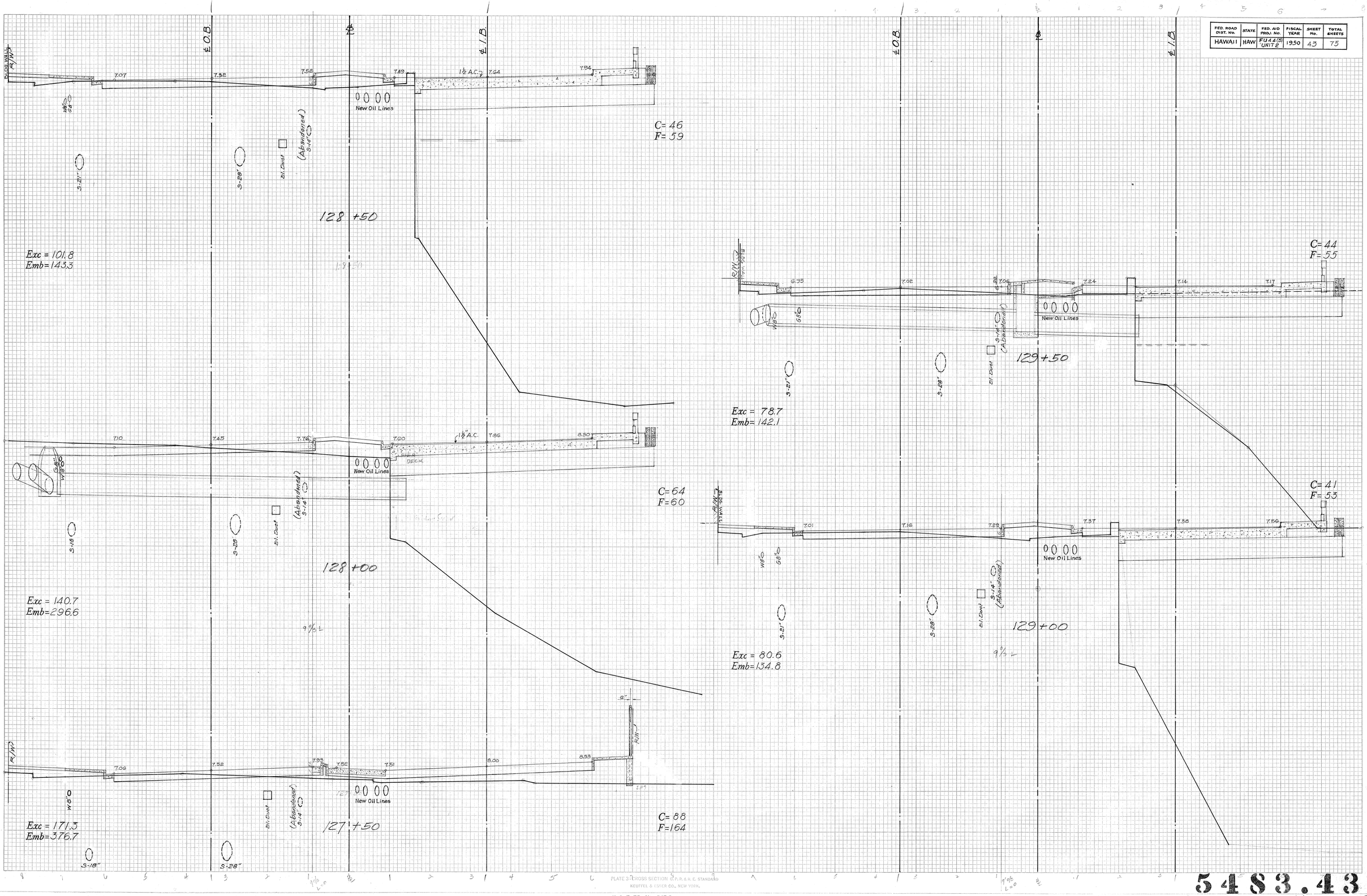


PLATE 3 CROSS SECTION C.P.R.&R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

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

5483.43

QUEEN ST 44(5)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW	FU-4401 UNIT 2	1950	44	75

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

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

℄ O.B.

℄

℄ I.B.

R/W

G.78 G.56 G.38 G.33 G.77 G.72 G.38 G.05

W 8'0" 6'8"

(Abandoned) 8" C.I.

New Oil Lines

131 + 00

El. Duct

S-21" S-29"

Exc = 142.6
Emb = 146.9

C = 58
F = 70

G.72 G.42 G.13 G.50 G.50 G.14 5.77

(Abandoned) 8" C.I.

131 + 50

C = 59
F = 65

Exc = 108.3
Emb = 162.1

G.84 G.72 G.60 G.87 G.64 G.40

130 + 50

Exc = 155.6
Emb = 107.1

C = 96
F = 52

G.77 G.54 G.32 G.74 G.88 G.54 6.00

(Abandoned) 8" C.I.

131 + 08.22

9" C.I. L

G.90 G.86 G.83 7.00 G.88 G.79

9" C.I. L

130 + 00

Exc = 107.4
Emb = 110.8

C = 72
F = 37

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.

5483.44

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW	FU4419(9) UNIT 2	1950	45	75

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

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

℄ O.B

℄ I.B

C= 78
F= 70

Exc = 140.7
Emb= 169.0

132 +50

C= 74
F= 87

Exc = 123.2
Emb= 182.9

132 +00

Exc = 146.3
Emb= 150.4

133 +50

C= 69
F= 58

Exc = 137.0
Emb= 164.8

133 +00

New Oil Lines

(Abandoned) S-14"

El. Duct

S-21"

S-24"

S-28"

W 8'0

68'0

9 3/4 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.

5483.45

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	FU44(5) UNIT 2	1950	46	75

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

℄ O.B. ℄ ℄ I.B.

W.S.E. 6.37 5.08 5.22 5.01 5.01 6.84 6.77 6.73 FENCE

W 8'-0" New Oil Lines 136+03.35 S-14" CI (Abandoned) S-28"

El. Duct El. Duct

C= 96
F= 45

Exc = 161.1
Emb= 100.0

R/W 6.21 5.82 5.45 7.15 6.93 6.78 FENCE

6'-0" W 8'-0" New Oil Lines 135+50 S-14" CI (Abandoned) S-28"

El. Duct S-24" El. Duct

C= 68
F= 38

Exc = 125.9
Emb= 111.9

R/W 2 R/W 1 6.06 5.67 5.30 7.45 7.38 6.99 6.71 R/W 3 BLOCK WALL

6'-0" W 8'-0" New Oil Lines 135+00 S-14" CI (Abandoned) S-28"

El. Duct El. Duct S-24" El. Duct

C= 68
F= 55

Exc = 131.5
Emb= 131.2

5.59 5.59 5.23 7.45 7.25 6.88 6.52 FENCE R/W 1

6'-0" W 8'-0" New Oil Lines 134+50 S-14" CI (Abandoned) S-28"

El. Duct El. Duct S-24" El. Duct

C= 74
F= 54

Exc = 206.5
Emb= 44.6

Exc = 167.6
Emb= 110.8

R/W 1 6.06 5.66 5.30 7.05 7.05 6.68 6.52 R/W 1

6'-0" W 8'-0" New Oil Lines 134+00 S-14" CI (Abandoned) S-28"

El. Duct El. Duct S-24" El. Duct

C= 107
F= 38

Exc = 179.6
Emb= 95.2

Exc = 181.5
Emb= 115.6

6.45 6.27 6.11 6.27 6.46 6.65 R/W 3

New Oil Lines 137+00 S-14" CI (Abandoned) S-29"

C= 135
F= 3

6.46 6.12 5.80 6.56 6.63 PIER WALL 6.69 R/W 3

New Oil Lines 136+50 S-14" CI (Abandoned) S-29" S-28"

C= 88
F= 34

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.

5483.46

Queen St. 11 (F) 6

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW	FU44(3) UNIT 2	1950	47	75

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

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

℄ O.B.

℄

℄ I.B.

PIER WALL

87% GRADE - RAMP

C= 193
F= 0

139 ℄ +50

Exc = 278.7
Emb= 0.0

S-28" (Abandoned) S-14"

S-28"

G.42 G.08 G.18 G.44 G.46 G.82 7.18

C= 108
F= 0

139 +00

Exc = 210.2
Emb= 0.0

S-28" (Abandoned) S-14"

G.51 G.85 G.83 G.12 G.20 G.65

C= 119
F= 0

138 +50

Exc = 221.3
Emb= 0.0

S-28" (Abandoned) S-14"

S-28"

G.53 G.27 G.85 G.83 G.09 G.20 G.56 G.90

C= 120
F= 0

138 ℄ +23 √3

Exc = 198.1
Emb= 0.9

S-28" (Abandoned) S-14"

S-28"

PIER WALL 5.59

BLDG WALL

68 3/4 L

G.40 G.42 G.16 G.44 G.01 G.09 G.41 G.70

BLDG WALL

C= 94
F= 7

137 ℄ +93 81

0 0 0 0
New Oil Lines

137 ℄ +50

68 3/4 L

Exc = 212.0
Emb= 1.2

S-28" (Abandoned) S-14"

S-28"

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.

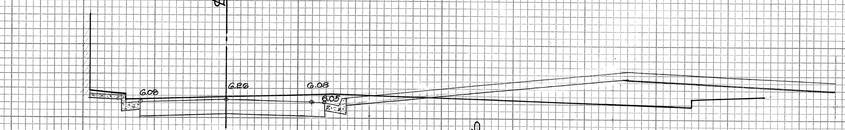
5483.47

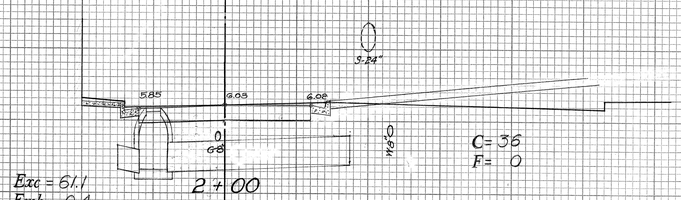
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	FU 44(1) UNIT E	1950	48	75

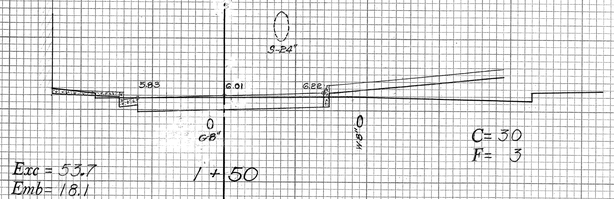
FINAL SURVEY — NOTE BOOK NO. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, BY, DATE

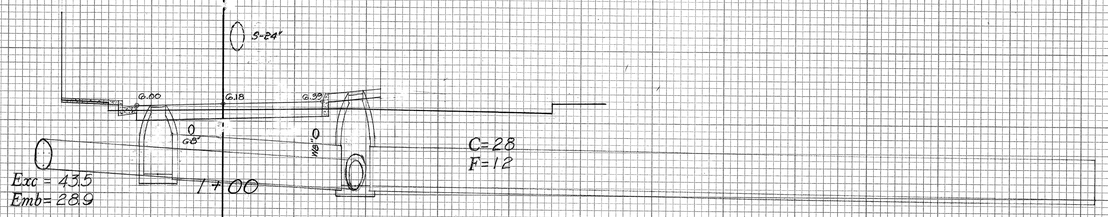
ORIGINAL SURVEY — NOTE BOOK NO. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, BY, DATE

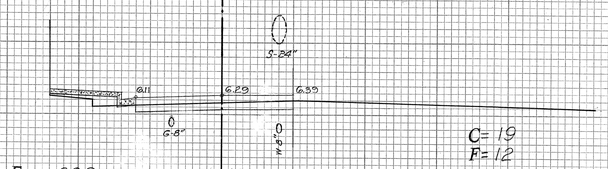
℄ LINE "A"

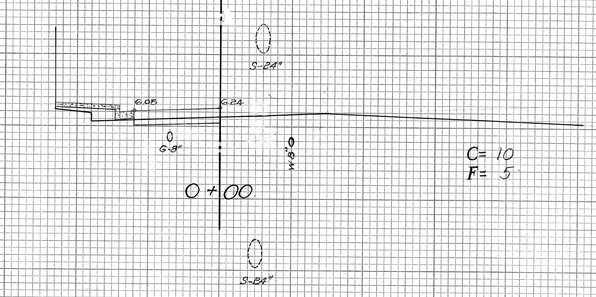


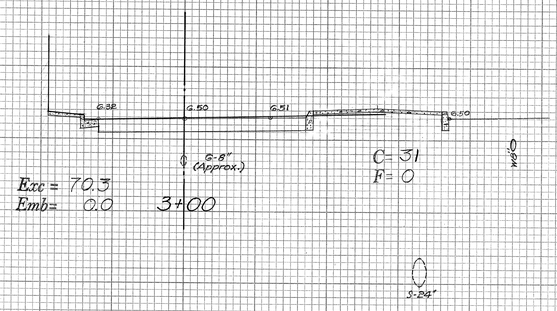












LINE "A" QUEEN STREET

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. 44788 3

5483.48