FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawaii	F47(4)	1958	35	48

Rev. 6-18-58

Exc = 75.0
Emb = 31.5

Outbound Median Inbound

C = 25
F = 27

Exc = 85.0
Emb = 83.3

C = 3
F = 63

Exc = 0.1
Emb = 2.8

Beginning of Project F47(4)
Sta. 11+47.50

C = 0
F = 0

~~Exc =~~
~~Emb =~~

General Notes:

Stations along Project F47(4) are ℄ Median Stations carried along the ℄ of the Inbound ℄ Outbound Lanes up to Sta. 53+00

From Sta. 53+00, the Median Strip widens so the stations are carried independently along the ℄ of each Lane.

~~Exc =~~
~~Emb =~~

Exc = 512.0
Emb = 0

C = 308
F = 0

Exc = 588.9
Emb = 0

C = 328
F = 0

Exc = 641.7
Emb = 3.7

~~The inside E.P. of the Inbound & Outbound Lanes are grade control points up to Sta. 40+00~~

NOTE:
The inside E.P. of the inbound and outbound lanes are grade control points from beginning of project to :—
Sta 28+00 - Grade control shifts from inside E.P. to ℄ inbound lanes
Sta 40+00 - Grade control shifts from inside E.P. to ℄ outbound lanes

C = 365
F = 4

Exc = 430.6
Emb = 17.6

C = 100
F = 15

Exc = 144.4
Emb = 20.4

C = 56
F = 7

PROJECT F47(4)
Scale Hor. = 10'
Ver. = 10'

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.

5479.35

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawaii	F-AT(4)	1952	36	78

Rev. 6-18-52

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

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

Outbound — Median ℄ — Inbound

Exc = 105.6
Emb = 88.9

L 5.79 — 6.45 — 6.53

E.P. — E.P. — E.P.

17+00

Exc = 220.4
Emb = 4.6

C = 75
F = 5

Exc = 43.2
Emb = 287.4

L 5.51 — 6.26 — 6.28

E.P. — E.P. — E.P.

16+50

Exc = 360.2
Emb = 0

C = 163
F = 0

Exc = 0
Emb = 387.0

L 4.94 — 7.02 — 6.93

E.P. — E.P. — E.P.

16+00

Exc = 501.1
Emb = 0

C = 226
F = 0

Exc = 0
Emb = 322.2

L 7.11 — 7.18 — 7.78

E.P. — E.P. — E.P.

15+50

Exc = 578.7
Emb = 0

C = 380
F = 0

Exc = 22.2
Emb = 149.1

L 7.88 — 7.35 — 7.53

E.P. — E.P. — E.P.

15+00

Inv. = 64.0

24" conc. pipe

Exc = 58.3
Emb = 110.2

C = 245
F = 0

Inv. = 70.0

Outbound — Median ℄ — Inbound

Exc = 43.2
Emb = 287.4

L 3.61 — 5.12 — 5.77

E.P. — E.P. — E.P.

19+50

C = 0
F = 203

L 3.72 — 5.69 — 5.52

E.P. — E.P. — E.P.

19+00

C = 0
F = 215

L 5.08 — 6.07 — 6.07

E.P. — E.P. — E.P. — E.P.

18+50

C = 0
F = 133

L 6.16 — 6.27 — 6.02

E.P. — E.P. — E.P.

18+00

C = 24
F = 28

~~Note:~~
~~From approx. Sta. 15+25 to Sta. 17+00 the existing pavement shall serve as the Outbound Lane. Provide smooth connection from new P.C.C. to existing~~ ~~pavt.~~

L 6.35 — 6.41 — 6.78

E.P. — E.P. — E.P.

17+50

C = 30
F = 91

Outbound — Median ℄ — Inbound

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KEUFFEL & ESSER CO., NEW YORK.

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

5479.36 OK JJ

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawaii	F47(4)	1958	37	48

REV. C-18-58

℄ OUTB'D ℄ MED. ℄ INB'D

22+00
Exc = 0
Emb = 300.3
47.0 | 48.08 | 48.01 | EP | EP
C = 0
F = 144

21+50
Exc = 0
Emb = 331.5
48.8 | 40.82 | 40.76 | EP | EP
C = 0
F = 190

21+00
Exc = 0
Emb = 204.4
50.7 | 51.00 | 51.52 | EP | EP | DITCH | DITCH
C = 0
F = 168

20+50
Exc = 0
Emb = 208.3
52.5 | 53.37 | 53.87 | EP | EP | DITCH
C = 0
F = 150

20+00
Exc = 43.5
Emb = 208.3
54.3 | 55.14 | 55.02 | EP | DITCH
C = 47
F = 75

24+50
Exc = 1046.3
Emb = 4.6
38.0 | 30.18 | 30.26 | EP | EP | DITCH
C = 182
F = 0

24+00
Exc = 208.3
Emb = 70.4
40.4 | 40.05 | 41.01 | EP | EP
C = 43
F = 76

23+50
Exc = 58.3
Emb = 150.0
41.0 | 42.73 | 42.76 | EP | EP
C = 20
F = 87

23+00
Exc = 22.2
Emb = 165.7
43.5 | 44.50 | 44.51 | EP | EP
C = 4
F = 92

22+50
Exc = 1.0
Emb = 250.3
45.2 | 46.27 | 46.26 | EP | EP
C = 2
F = 136

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

5479.37

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawaii	F-71(4)	1952	38	48

REV. 6-18-52

Outbound — Median ℄ — Inbound

29+00

Exc = 84.3
Emb = 201.9

C = 782
F = 10

E.P. 29.28 — E.P. 30.30 — Edge of Cane

C = 44
F = 107

28+50

Exc = 178.7
Emb = 181.5

C = 1128
F = 3

E.P. 29.59 — E.P. 30.69 — Edge of Cane

C = 141
F = 87

28+00

Exc = 477.8
Emb = 160.2

C = 1616
F = 0

E.P. 30.13 — E.P. 31.09 — Edge of Cane

C = 367
F = 84

27+50

Exc = 875.0
Emb = 113.0

C = 948
F = 5

E.P. 31.78 — E.P. 31.56 — Edge of Cane

C = 578
F = 33

27+00

Exc = 1225.9
Emb = 69.4

C = 1616
F = 0

E.P. 31.57 — E.P. 32.08 — Edge of Cane

C = 746
F = 37

26+50

Exc = 1421.3
Emb = 43.5

C = 782
F = 10

E.P. 32.64 — E.P. 32.95 — Cane — Ditch

C = 44
F = 107

26+00

Exc = 1775.0
Emb = 12.0

C = 1128
F = 3

E.P. 34.00 — E.P. 34.18 — Cane — Cane — Ditch

C = 141
F = 87

25+50

Exc = 2540.7
Emb = 2.8

C = 948
F = 5

E.P. 35.63 — E.P. 35.75 — Cane — Ditch

C = 367
F = 84

25+00

Exc = 2374.1
Emb = 4.6

C = 1616
F = 0

E.P. 37.40 — E.P. 37.50 — Cane — Ditch

C = 746
F = 37

Outbound — Median ℄ — Inbound

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KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U.S.A. 44788 3

5479.38

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawaii	F-47(4)	1952	39	48

Rev. 6-18-58

Outbound — Median ℄ — Inbound

Exc = 52.8
Emb = 608.3

30.08 — 29.8 — 29.19 — E.P. — E.P.
Edge of Cane — Cane — 31+50

C = 20
F = 367

Exc = 5.3
Emb = 8.2

Exc = 54.6
Emb = 652.8

29.83 — 25° — 29.19 — Edge of Cane — Cane — 31+00

C = 30
F = 323

Exc = 34.8
Emb = 434.1

Exc = 46.3
Emb = 547.2

29.58 — 29° — 29.37 — E.P. — Cane — 30+50

C = 20
F = 253

Exc = 58.3
Emb = 666.7

Exc = 44.4
Emb = 388.9

29.33 — 22° — 29.45 — E.P. — E.P. — Cane — 30+00

C = 28
F = 167

Exc = 42.6
Emb = 700.1

Exc = 69.4
Emb = 257.4

29.19 — 30° — 30.00 — E.P. — E.P. — Cane — 29+50

C = 47
F = 111

Exc = 42.6
Emb = 630.0

Outbound — Median ℄ — Inbound

Outbound — Median — Inbound
BRIDGE

29.61 — 21.6 — Edge of Stream — 33+90

Beg. of Bridge
Sta. 33+05.76 Inbound

Beginning of Bridge
Sta. 33+57.07 - Outbound

31.08 — 27° — 29.92 — E.P. — E.P. — 33+50

C = 38
F = 572

30.83 — 29° — 29.41 — E.P. — E.P. — Cane — Edge of Cane — 33+00

C = 25
F = 472

Note:
~~From Approx. Sta 33+00 to Sta 50+00 the existing pav't shall serve as the Inbound Lane. Provide smooth connection from new pav't to existing pav't~~

30.58 — 22° — 29.50 — E.P. — E.P. — Cane — Edge of Cane — 32+50

C = 81
F = 391

30.33 — 27.5° — 29.18 — E.P. — E.P. — Cane — Edge of Cane — 32+00

C = 28
F = 290

Outbound — Median ℄ — Inbound

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5479.39

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawaii	F47(4)	1952	40	48

Rev. C-18-52

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

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

Outbound — Median ℄ — Inbound

Exc = 135.2
Emb = 310.4
Match Line
32.33
30.8
36+00
± Sideroad
Exc = 0
Emb = 658.5
4+56±
32.08
23.0
35+50
~~Exc~~
~~Emb~~
End of Bridge
Sta. 35+50.97 - Outbound
31.83
12.9
35+00
Top Bank
Edge of Stream
31.58
16.0
Top Bank
34+50
Edge of Stream
~~Exc~~
~~Emb~~
22.8
33+75
Top Abut.

Exc = 440.3
Emb = 65.7
± Sideroad
37.97
1+90±
C = 0
F = 204
± Sideroad
Exc = 172.2
Emb = 260.4
37.64
7+65±
33.58
30.4
38+50
33.33
30.6
38+00
C = 0
F = 521
Exc = 445.4
Emb = 276.0
± Sideroad
37.91
3+00±
33.08
31.4
37+50
C = 0
F = 0
Exc = 117.3
Emb = 75.0
± Sideroad
32.50
2+50±
32.83
31.5
37+00
Exc = 805.4
Emb = 153.7
± Sideroad
35.00
4+00±
32.58
31.3
36+50
Project F-47(4)

C = 144
F = 57
C = 861
F = 25
C = 146
F = 141
C = 179
F = 49
C = 37
F = 242

Scale: Hor. 1"=10'
Vert. 1"=10'

E.P.

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5479.40

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawn	F-017(A)052	41		48

Rev. C-18-52

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

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

Outbound ℄ | **Inbound ℄**

41+50

Exc = 613.0
Emb = 44.4

CRM Ditch
34.90

Exc = 683.3
Emb = 34.3

E.P. 31.5 31.51 E.P.

41+00

CRM Ditch
34.65

Exc = 804.6
Emb = 25.0

E.P. 31 31.20 E.P.

40+50

CRM Ditch
34.40

Exc = 872.2
Emb = 22.2

E.P. 31.1 31.05 E.P.

40+00

34.15

Exc = 618.5
Emb = 18.5

E.P. 30.9 30.99 E.P.

Note:
From Sta. 40+00 to end of Project, the controlling grade point shifts from the inside E.P. to the ℄ Outbound Lane.

39+50

Match Line
34.08

Exc = 785.2
Emb = 26.9

E.P. 30.8 30.82 E.P.

39+00

Match Line
33.83

℄ Sideroad

Exc = 1144.4
Emb = 45.4

C = 319
F = 21

Exc = 1588.0
Emb = 47.2

44+00

35.74

C = 419
F = 16

Exc = 1117.6
Emb = 33.3

43+50

35.80

C = 250
F = 11

C = 1013
F = 28

C = 703
F = 23

43+00

C.R.M. Ditch
35.65

C = 498
F = 13

Exc = 835.0
Emb = 35.2

C = 306
F = 13

42+50

C.R.M. Ditch
35.40

C = 513
F = 7

Exc = 675.0
Emb = 48.1

C = 387
F = 25

42+00

C.R.M. Ditch
35.15

C = 393
F = 27

Match Line

℄ Outbound | ℄ Median | ℄ Inbound | ℄ Outbound | ℄ Inbound

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

5479.41

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOT. SHEETS
Hawaii	Hawn	F-47(4)	1952	42	48

Rev. 6-18-52

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

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

℄ Outbound

Exc = 2582.4
Emb = 31.5

33.86

46 + 00

Exc = 2038.0
Emb = 34.3

34.43

45 + 50

Exc = 2502.8
Emb = 37.0

35.01

45 + 00

Exc = 2548.0
Emb = 35.0

35.48

44 + 50

℄ Inbound Rebuilt

Exc = 2074.1
Emb = 10.4

C = 1340
F = 16

Exc = 2758.3
Emb = 13.0

C = 1449
F = 18

Exc = 2238.0
Emb = 28.0

C = 1200
F = 19

Exc = 2508.3
Emb = 31.5

C = 1303
F = 21

℄ Outbound

32.15

47 + 50

32.72

47 + 00

33.29

46 + 50

℄ Inbound

C = 1498
F = 25

C = 1481
F = 9

C = 1369
F = 18

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KEUFFEL & ESSER CO., NEW YORK.

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

5479.42

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawaii	F474(1)	1952	43	48

Rev. 6-18-52

Outbound ℄ — 42+00

Exc = 74.12
Emb = 224.6

Exc = 1510.4
Emb = 88.0

30.43

C = 517
F = 73

Inbound ℄ — 42+00

Exc = 20.6
Emb = 484.3

Exc = 2227.7
Emb = 30.1

31.00

C = 1104
F = 79

Outbound ℄ — 48+50

Exc = 208.1
Emb = 420.4

31.57

C = 1390
F = 16

Outbound ℄ — 48+00

Inbound ℄ — 50+50

28.71

C = 0
F = 271

Inbound ℄ — 50+00

20.29

C = 32
F = 252

Outbound ℄ — 42+50

29.86

C = 290
F = 202

Note:

From Approx. Sta. 50+00 to the end of Project, the Controlling grade point of the Inbound Lane is taken along the ℄ of the Inbound Lane.

~~Provide smooth connection from new part to existing part.~~

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

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

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KEUFFEL & ESSER CO., NEW YORK.

K & E CO. No. 345-3 MADE IN U.S.A. 45959-3

5479.43

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawaii	F-47(4)	1958	44	48

Rev. C-18-58

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

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

Outbound ℄

Exc = 0
Emb = 1400.0
27.99
17.4
52 +50

Exc = 0
Emb = 1344.4
27.60
14.8
52 +00
New retaining wall
Sta. 52±00 – Sta. 54±55

Exc = 0
Emb = 1288.0
27.74
14.4
51 +50

Exc = 0
Emb = 1108.3
28.14
16.4
51 +00

Inbound ℄

31.79
32.4
C = 0
F = 731

35.95
32.4
C = 0
F = 721

34.81
32.8
Exc = 25.0
Emb = 1319.4
C = 0
F = 670

35.71
32.8
Exc = 25.0
Emb = 1268.5
C = 0
F = 527

℄ Inbound

Exc =
Emb =
48.57
33.7
23.2
31.08
54 +50
C = 0
F = 1330

Exc = 0
Emb = 2206.2
45.00
33.2
22.0
30.26
54 +00
C = 0
F = 1053

42.90
33.4
23.9
29.75
53 +50
C = 27
F = 588

44.10
33.4
16.8
28.63
53 +00
C = 0
F = 782

℄ Outbound

℄ Inbound

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. 46989-3

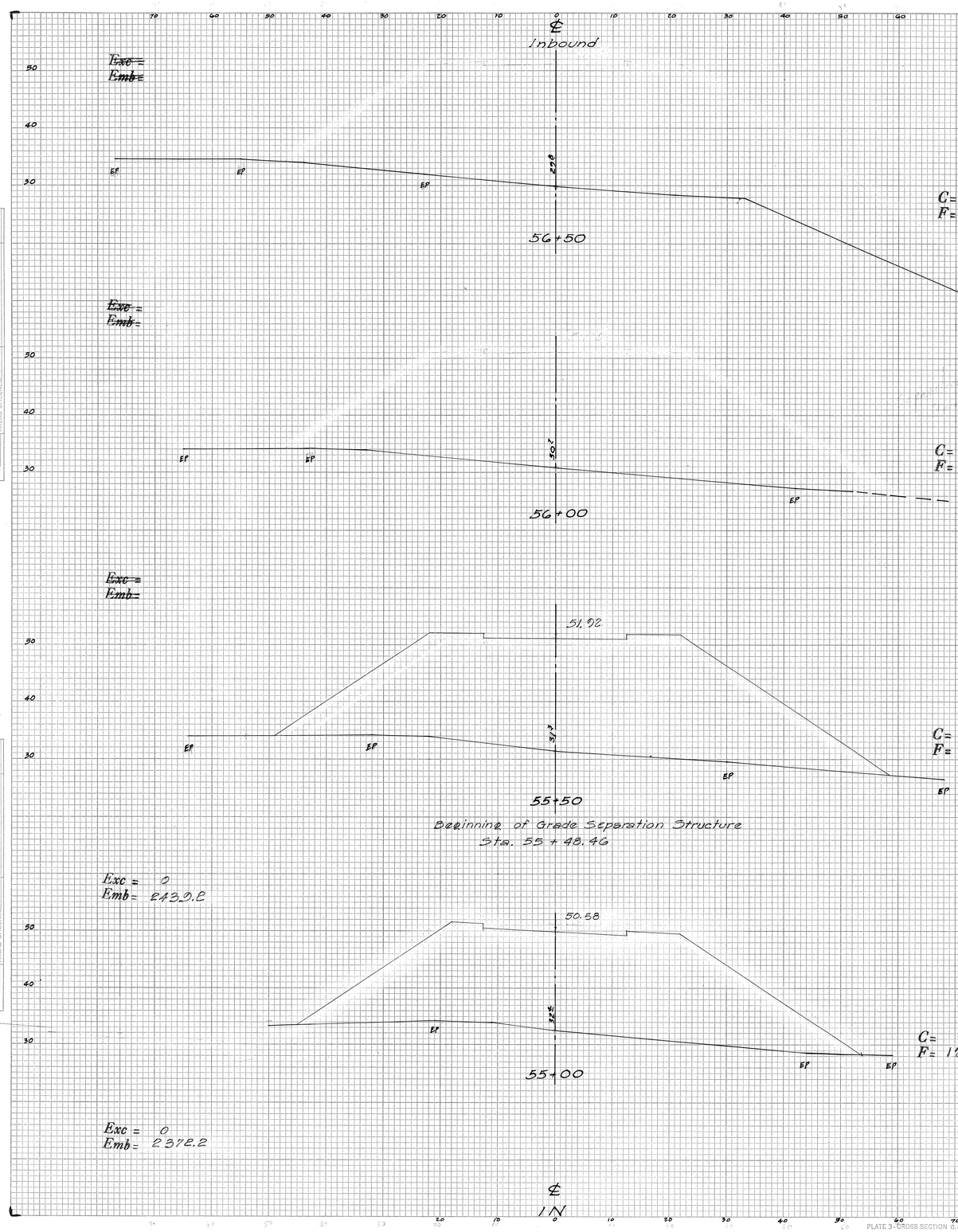
5479.44

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawaii	F-47(4)	1952	45	48

Rev. 6-18-52

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

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



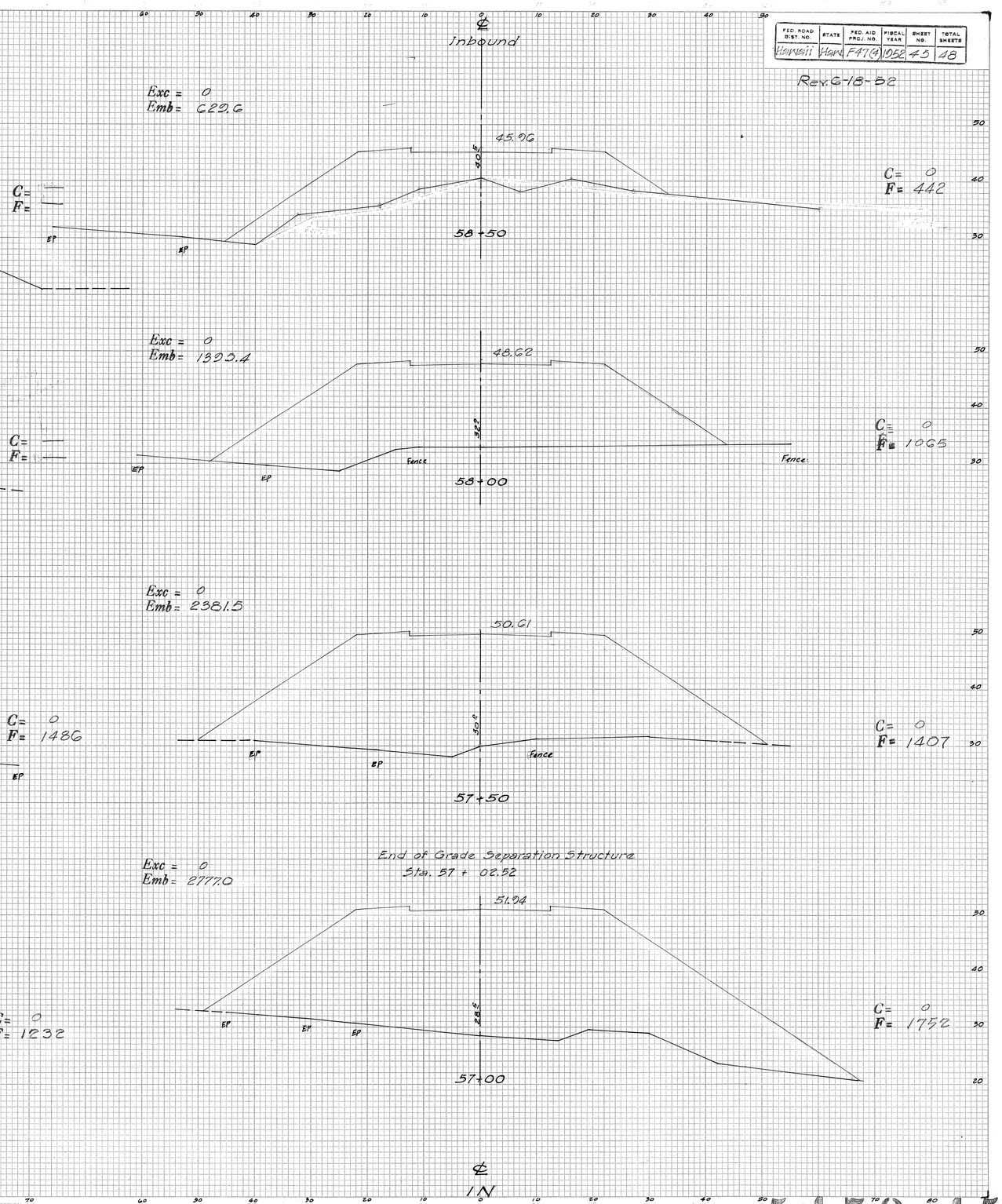


PLATE 3 - CROSS SECTION C.P.R. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

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

5479.45

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawk	F47(4)	1958	46	48

Rev. 6-18-52

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

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

Exc = 147.2
Emb = 13.9

60+50
37.4
36.25
C = 78
F = 6

Exc = 72.2
Emb = 37.0

60+00
35.9
37.80
C = 0
F = 34

Exc = 0
Emb = 221.3

59+50
34.7
40.06
C = 0
F = 205

Exc = 0
Emb = 410.2

59+00
37.6
42.96
C = 0
F = 283

Exc = ~~0~~
Emb = ~~0~~

℄ INBOUND

Exc. = 59.3
Emb 0

63+50
36.4
36.85
BP
EP
63+00
C = 32
F = 0

Exc = 58.3
Emb = 0

62+50
34.3
36.30
BP
EP
C = 31
F = 0

Exc = 50.0
Emb = 4.6

62+00
36.1
35.75
BP
EP
C = 23
F = 5

Exc = 25.9
Emb = 2.3

61+50
35.0
35.28
BP
C = 5
F = 5

Exc = 72.6
Emb = 13.0

61+00
36.7
35.41
EP
C = 81
F = 9

℄ INBOUND

5479.46

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Hawaii	F47(4)	1962	27	48

Rev. 6-18-62

Outbound

℄

End of Project
F 47(4)
Sta. 60 + 23.67

Exc = 234.3
Emb = 0

C = 75
F = 0

34.26

56+50

Exc = 86.1
Emb = 79.6

C = 18
F = 86

33.53

56+00

Exc = 16.7
Emb = 263.0

C = 0
F = 173

32.71

55+50

Exc = 0
Emb = 396.3

C = 0
F = 230

31.90

55+00

Exc = 0
Emb = 213.0

C =
F =

VOID

54+00

℄
Outbound

Exc = 60.0
Emb = 8.2

C = 22
F = 3

59+50

℄ F 9(35) Outbound

Exc = 83.3
Emb = 2.8

C = 68
F = 0

59+00

℄ F 9(35) Outbound

Exc = 167.6
Emb = 0.9

C = 113
F = 1

58+50

Exc = 217.6
Emb = 3.7

C = 122
F = 3

35.56

58+00

℄ F 9(35) Outbound

Exc = 288.0
Emb = 6.5

C = 132
F = 4

35.25

57+50

Exc = 339.8
Emb = 3.7

C = 178
F = 0

34.85

57+00

Project F-41(6)

Scale: Hor. 1"=10'
Vert. 1"=10'

℄
Outbound

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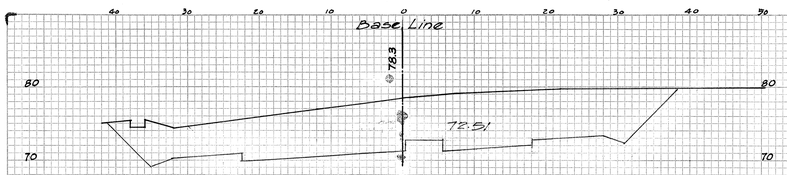
5479.47

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

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw	F47(4)	1952	48	48

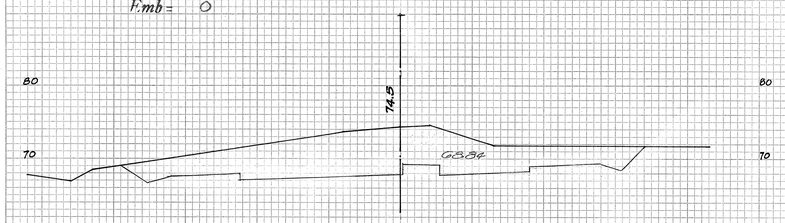
Rev. 6-18-52



Sta. 1+50

$C =$
$F = 0$

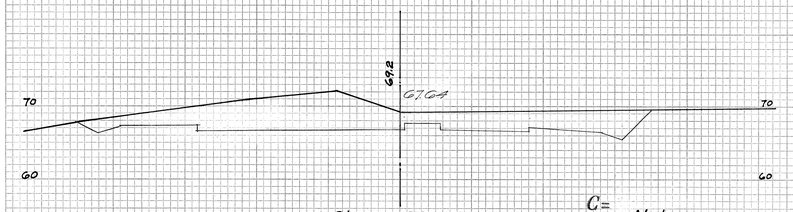
$Exc = 763.0$
$Emb = 0$



Sta. 1+00

$C =$
$F = 0$

$Exc = 207.4$
$Emb = 0$

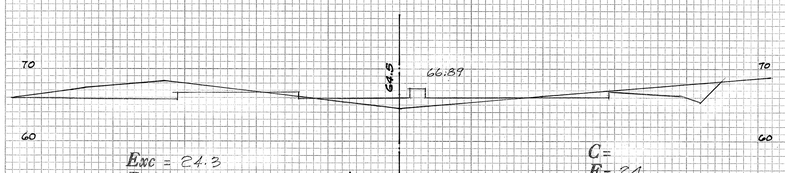


Sta. 0+79.60

$C =$
$F = 0$

Note:
Grade control point of Spur is taken along inside edge of pavement of the divided lanes

$Exc = 182.0$
$Emb = 13.2$

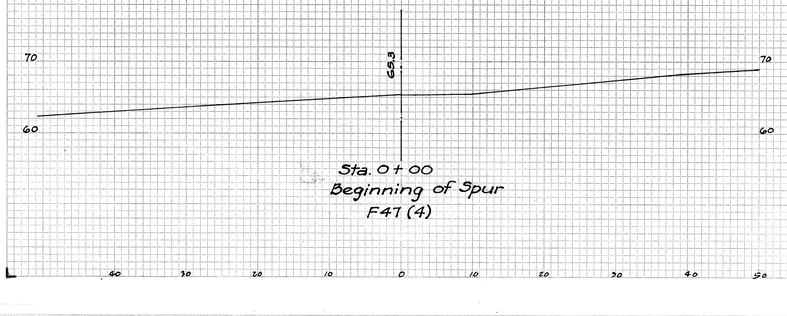


Sta. 0+50

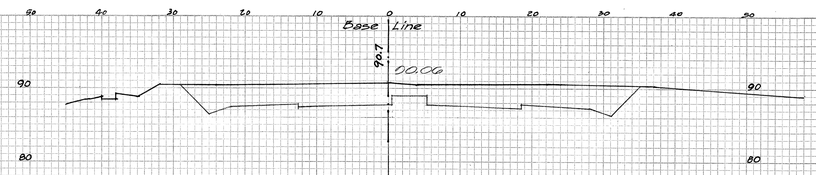
$C =$
$F = 24$

$Exc = 24.3$
$Emb = 6.0$

Intersection of E.P.R. Inbound & Spur to Waipahu = Sta. 0+36.50



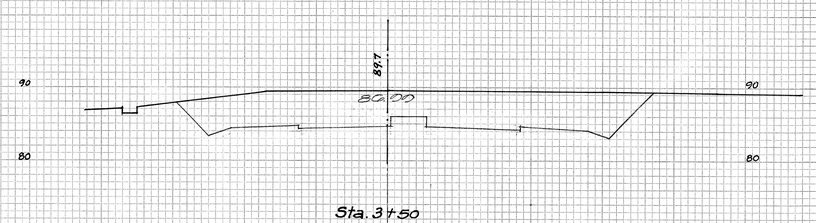
Sta. 0+00
Beginning of Spur
F47(4)



Sta. 4+00

$C = 198$
$F = 0$

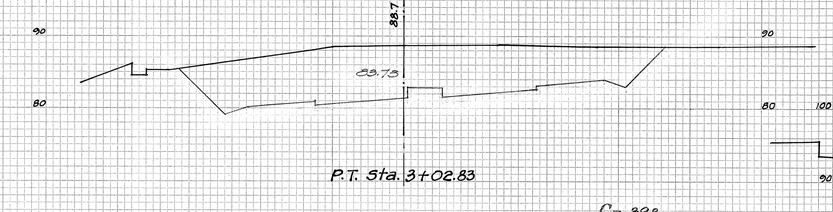
$Exc = 456.5$
$Emb = 0$



Sta. 3+50

$C = 295$
$F = 0$

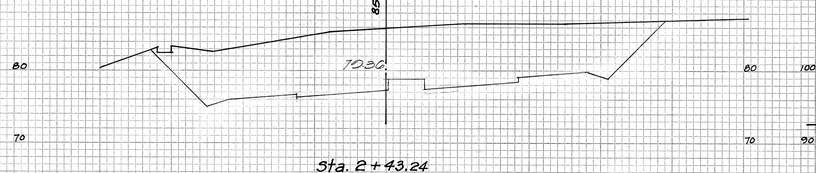
$Exc = 605.3$
$Emb = 0$



P.T. Sta. 3+02.83

$C = 398$
$F = 0$

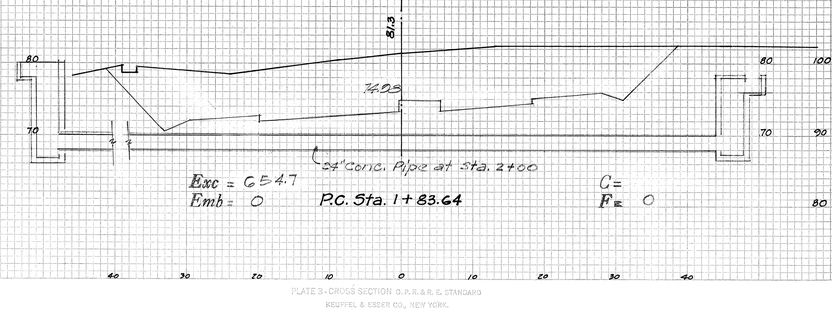
$Exc = 1007.3$
$Emb = 0$



Sta. 2+43.24

$C = 515$
$F = 0$

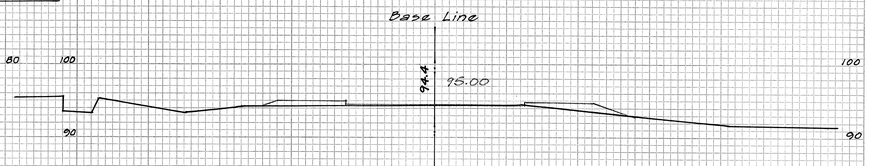
$Exc = 1,165.5$
$Emb = 0$



P.C. Sta. 1+83.64

$Exc = 654.7$
$Emb = 0$

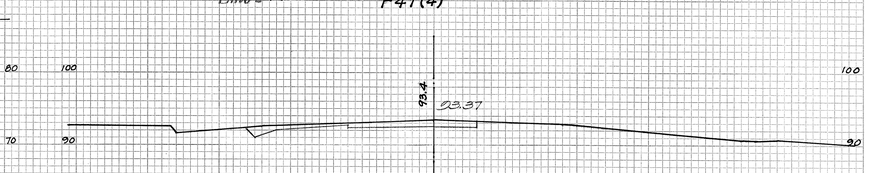
$C =$
$F = 0$



Sta. 5+61.13
End of Spur
F47(4)

$Exc = 41.1$
$Emb = 17.6$

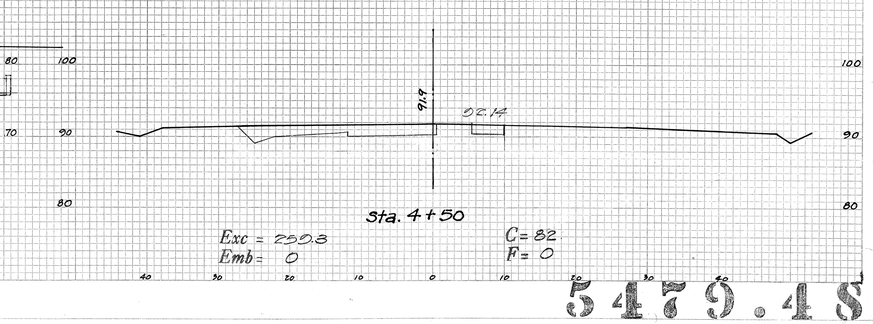
$C = 0$
$F = 15$



Sta. 4+97.67

$Exc = 103.3$
$Emb = 0$

$C = 35$
$F = 0$



Sta. 4+50

$Exc = 259.8$
$Emb = 0$

$C = 82$
$F = 0$

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