FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	7	25

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

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

BY — DATE — 6-8-68 — 10-17-68

Exc = 44
Emb = 5
2+50
C = 44
F = 0

Exc = 156
Emb = 0
2+00
C = 124
F = 0

Exc = 280
Emb = 0
1+50
C = 178
F = 0

Exc = 288
Emb = 0
1+00
C = 133
F = 0

Exc = 181
Emb = 0
0+50
C = 62
F = 0

Exc = 58
Emb = 1
0+00
C = 1
F = 1

Exc = 1
Emb = 1

Exc = 22
Emb = 0
6+00
C = 12
F = 0

Exc = 20
Emb = 0
5+50
C = 10
F = 0

Exc = 17
Emb = 0
5+00
C = 8
F = 0

Exc = 17
Emb = 0
4+50
C = 10
F = 0

Exc = 29
Emb = 0
4+00
C = 21
F = 0

Exc = 26
Emb = 3
3+50
C = 7
F = 3

Exc = 9
Emb = 7
3+00
C = 3
F = 5

Exc = 20
Emb = 0
2+50
C = 11
F = 0

Exc = 24
Emb = 0
2+00
C = 15
F = 0

Exc = 30
Emb = 0
1+50
C = 17
F = 0

Exc = 55
Emb = 0
1+00
C = 42
F = 0

Exc = 62
Emb = 0
7+50
C = 25
F = 0

Exc = 36
Emb = 0
7+00
C = 13
F = 0

Exc = 23
Emb = 0
6+50
C = 12
F = 0

Exc = 31
Emb = 1
12+50
C = 21
F = 0

Exc = 43
Emb = 0
12+00
C = 25
F = 0

Exc = 60
Emb = 0
11+50
C = 40
F = 0

Exc = 48
Emb = 0
11+00
C = 12
F = 0

Exc = 23
Emb = 0
10+50
C = 13
F = 0

Exc = 21
Emb = 0
10+00
C = 10
F = 0

IMPROVEMENT NO. 9

PLATE 3, CROSS SECTION
KOEFFEL & ESSER CO.
48 7052 MADE IN U.S.A.

7

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-66	1967	8	25

FINAL SURVEY — SURVEYED: PLOTTED: PROFILE: AREAS: AREAS CHECKED: NOTE SHOWN ON SHEET NO.: — DATE: — BY:

ORIGINAL SURVEY — SURVEYED: PLOTTED: PROFILE: AREAS: AREAS CHECKED: NOTE SHOWN ON SHEET NO.: — DATE: 12-21-66 — BY: S. Bezaz.

Exc = 17
Emb = 0
15+50
C = 8
F = 0

Exc = 18
Emb = 0
15+00
C = 11
F = 0

Exc = 57
Emb = 0
14+50
C = 52
F = 0

Exc = 120
Emb = 0
14+00
C = 78
F = 0

Exc = 79
Emb = 1
13+50
C = 7
F = 1

Exc = 18
Emb = 2
13+00
C = 12
F = 1

Exc = 12
Emb = 7
18+50
C = 7
F = 7

Exc = 9
Emb = 33
18+00
C = 3
F = 29

Exc = 5
Emb = 56
17+50
C = 2
F = 31

Exc = 7
Emb = 43
17+00
C = 6
F = 15

Exc = 10
Emb = 24
16+50
C = 5
F = 32

Exc = 14
Emb = 30
16+00
C = 10
F = 0

Exc = 12
Emb = 0
21+50
C = 7
F = 0

Exc = 15
Emb = 0
21+00
C = 9
F = 0

Exc = 16
Emb = 0
20+50
C = 8
F = 10

Exc = 23
Emb = 0
20+00
C = 17
F = 0

Exc = 32
Emb = 0
19+50
C = 18
F = 0

Exc = 22
Emb = 1
19+00
C = 6
F = 1

Exc = 61
Emb = 0
24+50
C = 40
F = 0

Exc = 44
Emb = 1
24+00
C = 8
F = 1

Exc = 14
Emb = 1
23+50
C = 7
F = 0

Exc = 13
Emb = 0
23+00
C = 7
F = 0

Exc = 7
Emb = 7
22+50
C = 1
F = 8

Exc = 6
Emb = 7
22+00
C = 6
F = 0

IMPROVEMENT NO. 9

K&E PLATE 3, CROSS SECTION
KEUFFEL & ESSER CO.
46 7052 MADE IN U.S.A.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	9	25

Exc = 88
Emb = 0

27+50 — C = 28, F = 0

Exc = 56
Emb = 0

27+00 — C = 32, F = 0

Exc = 40
Emb = 0

26+50 — C = 11, F = 0

Exc = 17
Emb = 0

26+00 — C = 7, F = 0

Exc = 18
Emb = 0

25+50 — C = 12, F = 0

Exc = 36
Emb = 0

25+00 — C = 26, F = 0

Exc = 9
Emb = 6

30+50 — C = 8, F = 0

Exc = 19
Emb = 0

30+00 — C = 12, F = 0

Exc = 47
Emb = 0

29+50 — C = 39, F = 0

Exc = 49
Emb = 0

29+00 — C = 14, F = 0

Exc = 118
Emb = 0

28+50 — C = 113, F = 0

Exc = 107
Emb = 0

28+00 — C = 67, F = 0

Exc = 6
Emb = 29

33+50 — C = 1, F = 31

Exc = 10
Emb = 52

33+00 — C = 10, F = 25

Exc = 12
Emb = 82

32+50 — C = 3, F = 63

Exc = 6
Emb = 91

32+00 — C = 3, F = 35

Exc = 5
Emb = 70

31+50 — C = 2, F = 41

Exc = 4
Emb = 44

31+00 — C = 2, F = 7

Exc =
Emb =

34+50 — C = 0, F = 0

Exc = 5
Emb = 0

34+00 — C = 5, F = 0

IMPROVEMENT NO. 9

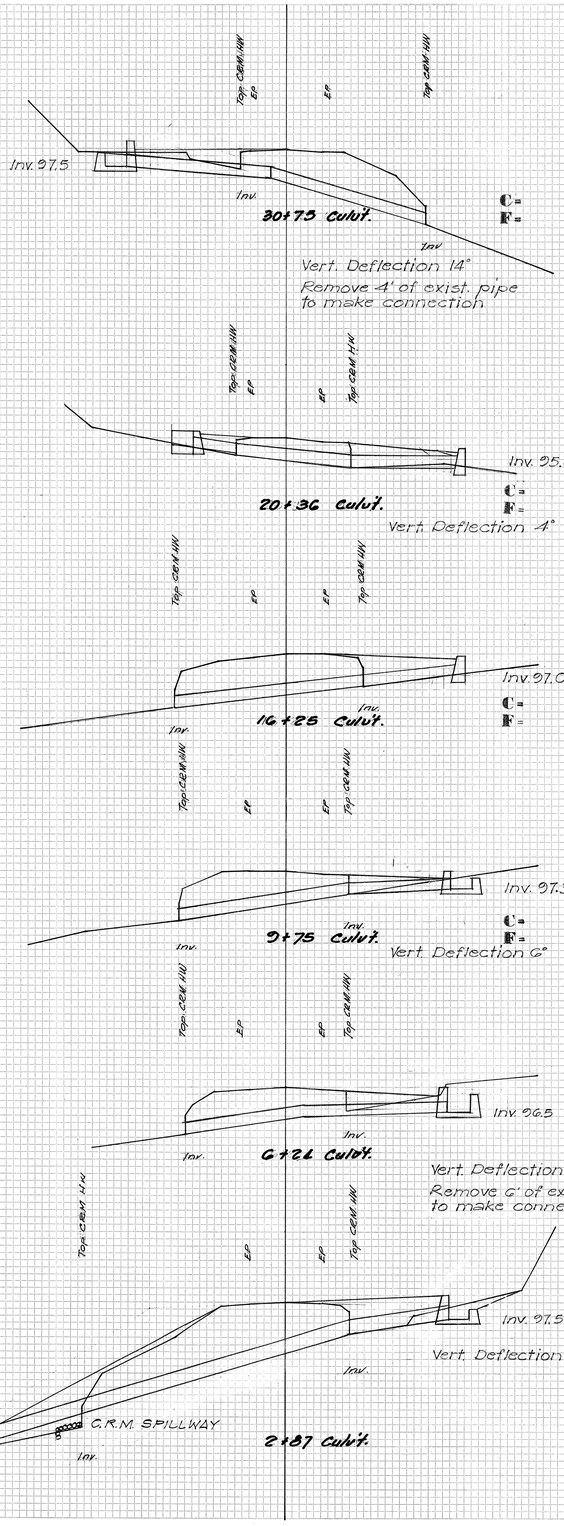
PLATE 2, CROSS SECTION
KEUFFEL & ESSER CO.
48 7052 MADE IN U.S.A.

9

16

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-66	1967	10	25

Note: ℄ Culvert Station Elevation is 100.00 (Assumed)



IMPROVEMENT NO. 9

PLATE 3, CROSS SECTION
KELLETT & ESSEX CO.
48 7052 MADE IN U.S.A. 48017

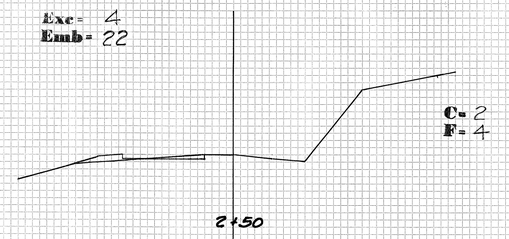
10

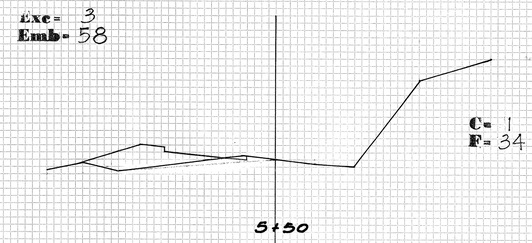
17

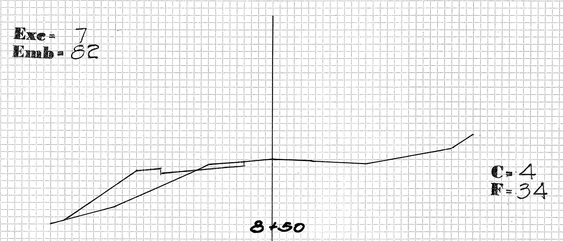
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	11	25

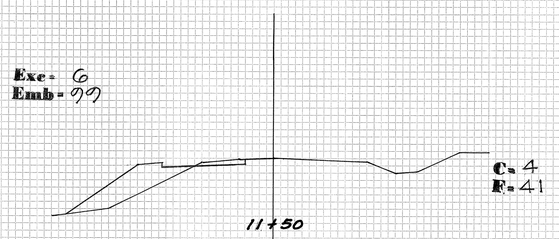
FINAL SURVEY — ORIGINAL SURVEY
BY | DATE
SURVEYED
PLOTTED
NOTE BOOK: TEMPLATE
AREAS
AREAS CHECKED
NO.

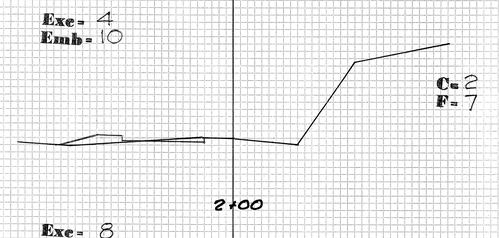
BY J. CALLAGAN | DATE 12-21-66

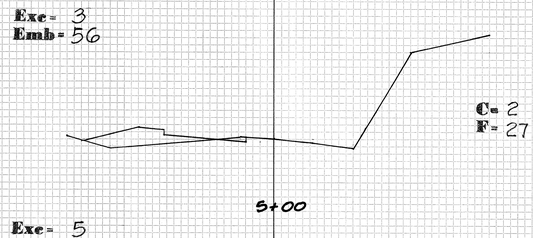


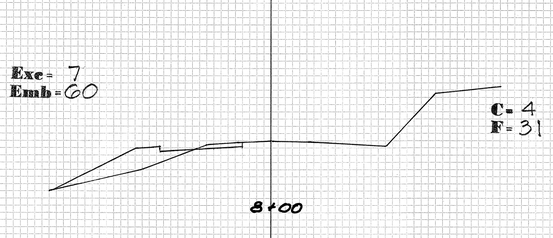


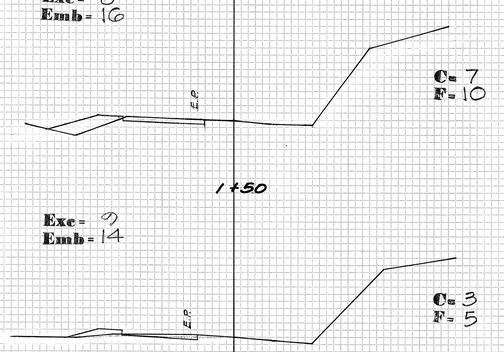


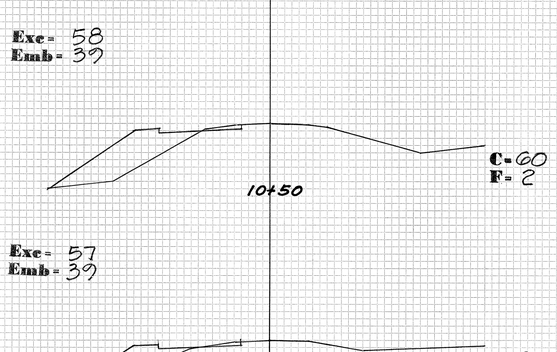


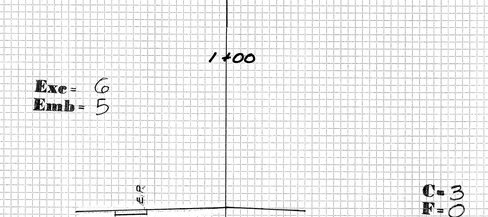


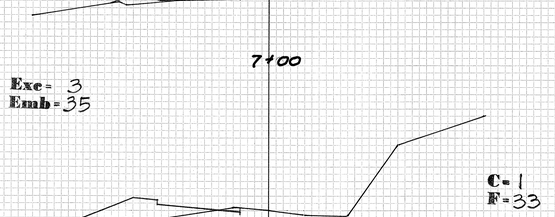


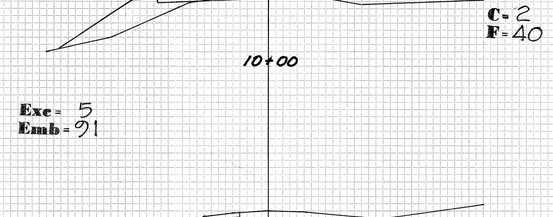


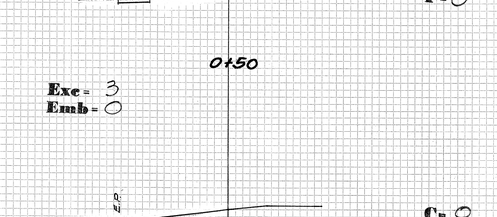


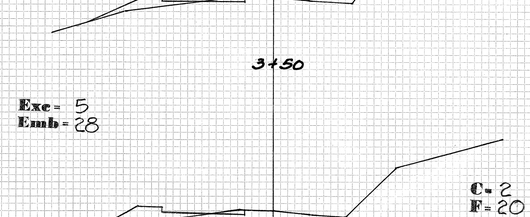


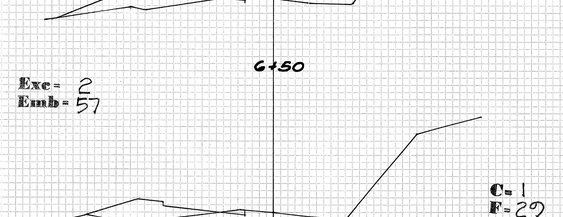


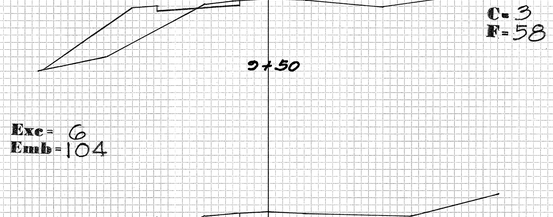


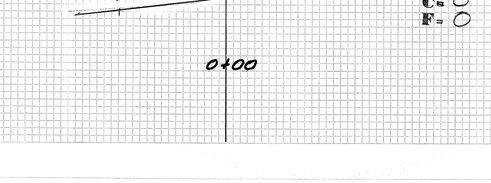


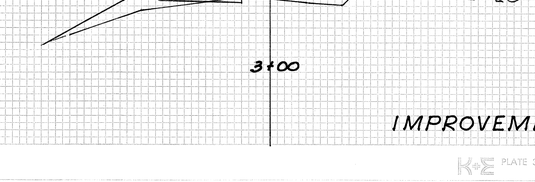


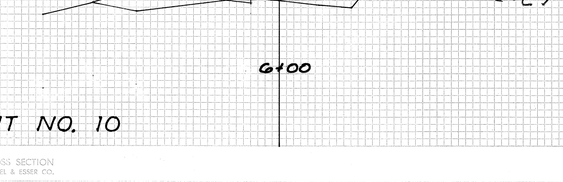


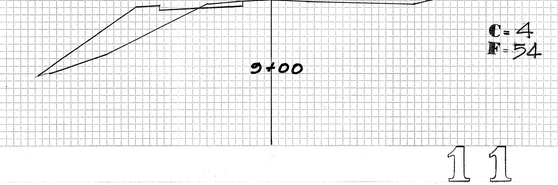












IMPROVEMENT NO. 10

K+E PLATE 3, CROSS SECTION
KEUFFEL & ESSER CO.
48 7052 MADE IN U.S.A.

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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	12	25

Exc = 5
Emb = 118

C = 2
F = 101

15+00

Exc = 5
Emb = 127

C = 3
F = 36

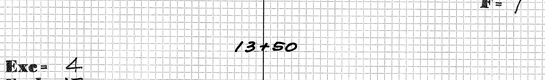
14+50

Exc = 6
Emb = 46

C = 3
F = 14

14+00

Exc = 5
Emb = 19



C = 2
F = 7

13+50

Exc = 4
Emb = 17

C = 2
F = 11

13+00

Exc = 4
Emb = 55

C = 2
F = 48

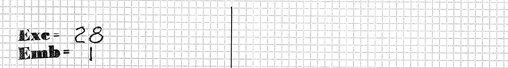
12+50

Exc = 4
Emb = 106

C = 2
F = 66

12+00

Exc = 28
Emb = 1



C = 8
F = 1

18+00

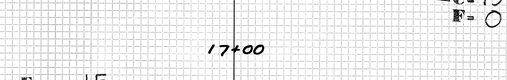
Exc = 14
Emb = 2

NOTE: Line shifted to Left Side at Contractors request. No additional cost to State.

C = 7
F = 1

17+50

Exc = 19
Emb = 1



C = 13
F = 0

17+00

Exc = 15
Emb = 9

C = 3
F = 10

16+50

Exc = 6
Emb = 18

C = 3
F = 9

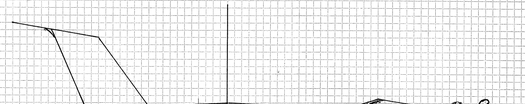
16+00

Exc = 6
Emb = 33

C = 3
F = 27

15+50

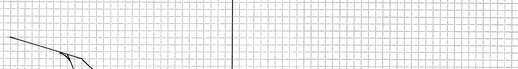
Exc = 35
Emb = 3



C = 8
F = 1

21+50

Exc = 13
Emb = 2



C = 6
F = 1

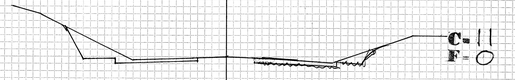
21+00

Exc = 15
Emb = 1

C = 10
F = 0

20+50

Exc = 19
Emb = 0



C = 11
F = 0

20+00

Exc = 24
Emb = 0

C = 15
F = 0

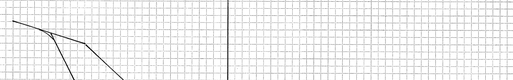
19+50

Exc = 46
Emb = 0

C = 35
F = 0

19+00

Exc = 53
Emb = 0

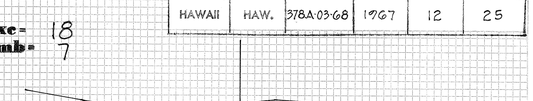


C = 30
F = 2

18+50

Exc = 22
Emb = 0

Exc = 18
Emb = 7



C = 15
F = 0

23+00

Exc = 91
Emb = 0

C = 83
F = 0

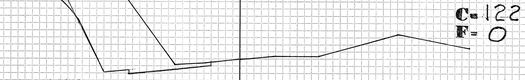
22+50

Exc = 182
Emb = 0

C = 113
F = 0

22+00

Exc = 218
Emb = 0



C = 122
F = 0

23+50

Exc = 152
Emb = 0

C = 42
F = 0

23+00

Exc = 126
Emb = 0

C = 24
F = 0

22+50

Exc = 115
Emb = 2

C = 30
F = 2

22+00

IMPROVEMENT NO. 10

PLATE 3, CROSS SECTION
KEUFFEL & ESSER CO.
48 7052 MADE IN U.S.A. 1967

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

ORIGINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, NO., DATE, BY, S. Berg, 10-19-68

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	H.A.W.	378A-03-68	1967	13	25

Note: ℄ Culvert Station Elevation is 100.00 (Assumed)

28+50
C= 14
F= 0
Exc= 29
Emb= 0

28+00
C= 17
F= 0
Exc= 33
Emb= 0

27+50
C= 19
F= 0
Exc= 19
Emb= 4

27+00
G.P.
C= 2
F= 4
Exc= 4
Emb= 7

26+50
G.P.
C= 2
F= 4
Exc= 4
Emb= 20

26+00
G.P.
C= 2
F= 17
Exc= 6
Emb= 22

25+50
G.P.
C= 4
F= 7

32+00
C= 6
F= 0
Exc= 14
Emb= 0

31+50
C= 9
F= 0
Exc= 11
Emb= 3

31+00
C= 3
F= 3
Exc= 8
Emb= 4

30+50
C= 6
F= 1
Exc= 12
Emb= 1

30+00
C= 7
F= 0
Exc= 14
Emb= 0

29+50
C= 8
F= 0
Exc= 19
Emb= 0

29+00
C= 12
F= 0
Exc= 24
Emb= 0

35+57℄
E.P.
C= 4
F= 13
Exc= 7
Emb= 10

35+00
C= 4
F= 2
Exc= 3
Emb= 6

34+50
C= 3
F= 4
Exc= 9
Emb= 4

34+00
C= 7
F= 0
Exc= 17
Emb= 0

33+50
C= 14
F= 0
Exc= 20
Emb= 0

33+00
C= 8
F= 0
Exc= 14
Emb= 1

32+50
C= 7
F= 1

Top of CBM HW.
E.P.
E.P.
Top of CBM HW.
Inv. 97.5
35+38℄ Culv't.

Top of CBM HW.
E.P.
E.P.
Top of CBM HW.
Inv. 96.5
Inv.
Inv.
25+60 Culv't.

Top of CBM HW.
E.P.
E.P.
Top of CBM HW.
Inv. 92.0
Inv.
Inv.
10+58 Culv't.

E.P.
C= 0
F 0
Exc= 6
Emb= 0
E.P.
36+57℄
C= 6
F= 0

36+07℄

IMPROVEMENT NO. 10

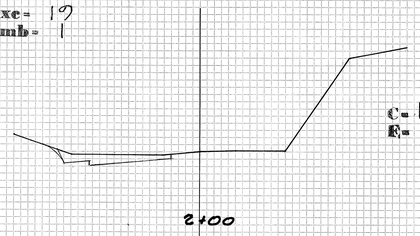
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

13

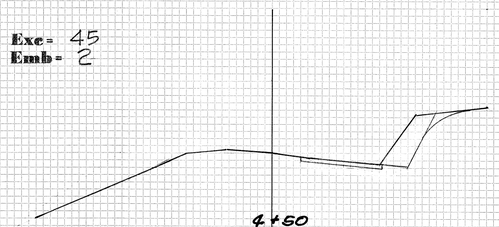
BY | DATE
G. Baga | 11-4-1968
FINAL SURVEY | ORIGINAL SURVEY | SURVEYED | PLOTTED | NOTE BOOK | NO. | AREAS CHECKED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	14	25

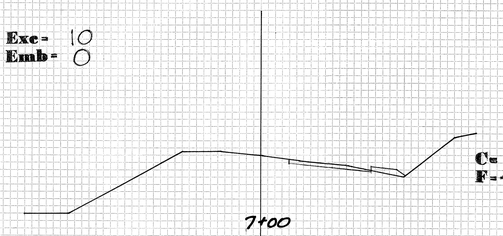
Exc = 19
Emb = 1



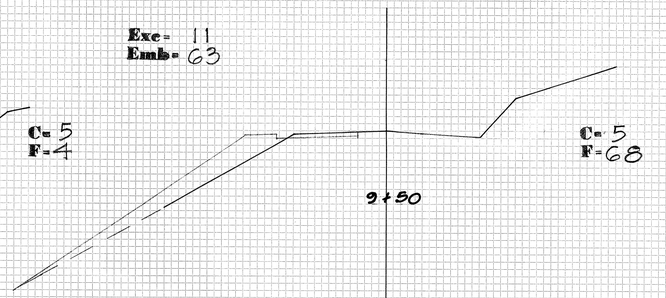
Exc = 45
Emb = 2



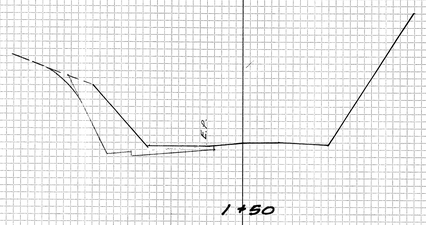
Exc = 10
Emb = 0



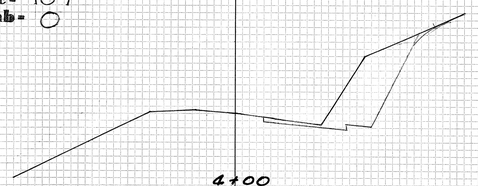
Exc = 11
Emb = 63



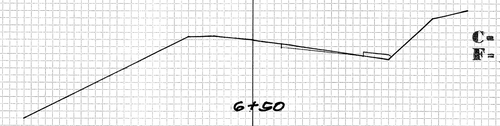
Exc = 68
Emb = 0



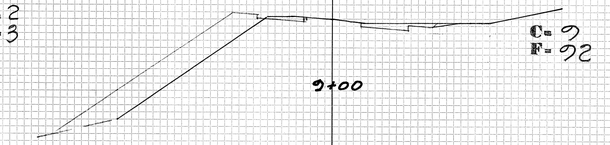
Exc = 107
Emb = 0



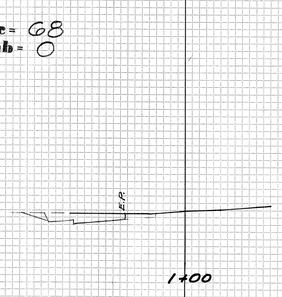
Exc = 6
Emb = 6



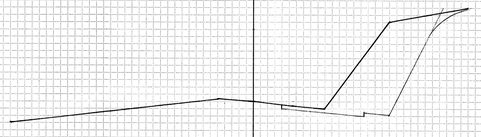
Exc = 13
Emb = 148



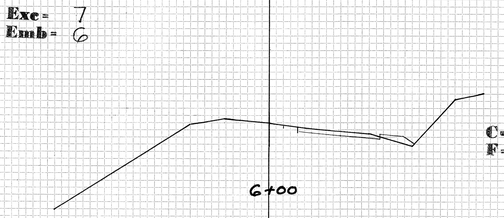
Exc = 68
Emb = 0



Exc = 183
Emb = 0

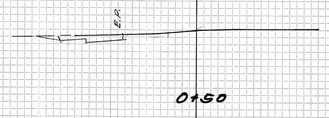


Exc = 7
Emb = 6

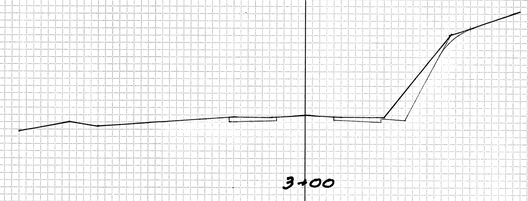


Exc = 11
Emb = 104

Exc = 25
Emb = 0



Exc = 132 132
Emb = 0 0

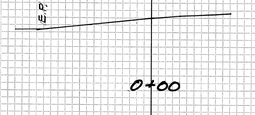


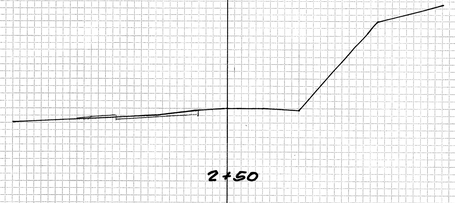
Exc = 10
Emb = 6

Exc = 7
Emb = 31

Exc = 31
Emb = 1

Exc = 10
Emb = 0





Exc = 20
Emb = 4

Exc = 10
Emb = 12

IMPROVEMENT NO. 11

PLATE 3, CROSS SECTION
KRUPPEL & ESSER CO.
48 7052

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	15	25

Exc = 11
Emb = 64

C = 7
F = 0

12+00

Exc = 14
Emb = 1

C = 6
F = 1

14+50

Exc = 7
Emb = 0

C = 5
F = 0

17+09.5°

Exc = 13
Emb = 0

C = 7
F = 0

11+50

Exc = 9
Emb = 4

C = 4
F = 3

14+00

Exc = 11
Emb = 0

C = 7
F = 0

16+59.5°

Top. Elev. 101.1

Top. Elev. 101.1

Inv. 96.0

15+69 Culv't.

Exc = 13
Emb = 0

C = 7
F = 0

11+00

Exc = 8
Emb = 4

C = 5
F = 1

13+60

Exc = 15
Emb = 6

C = 7
F = 6

16+00

Top. Elev. 101.1

Top. Elev. 101.1

Inv.

Inv. 99.5

Vert. Deflection 14°

12+43 Culv't.

Inv. 86

Vert. Deflection 8°

Exc = 13
Emb = 0

C = 7
F = 0

10+56

Exc = 8
Emb = 21

C = 4
F = 22

13+00

Exc = 7
Emb = 7

C = 3
F = 2

15+50

Top. Elev. 102.4

Top. Elev. 102.4

Inv. 94.0

2+20.5 Culv't.

Exc = 13
Emb = 0

C = 7
F = 0

10+00

Exc = 8
Emb = 84

C = 5
F = 67

12+50

Exc = 11
Emb = 2

C = 7
F = 0

15+00

Exc = 3
Emb = 0

C = 3
F = 0

17+59.5°

IMPROVEMENT NO. 11

PLATE 3 CROSS SECTION C. P. R. & N. E. STANDARD
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EUGENE DIETZGEN CO.

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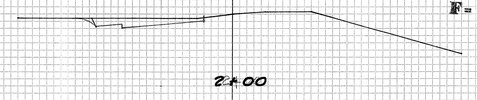
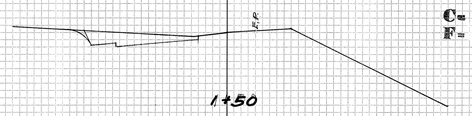
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HWY.	378A-03-68	1967	16	25

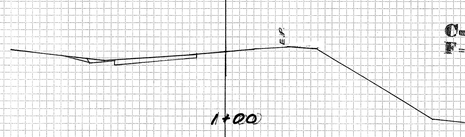
Exc = 26
Emb = 0



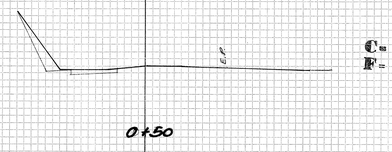
Exc = 34
Emb = 0



Exc = 29
Emb = 0

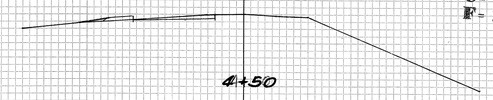


Exc = 19
Emb = 0



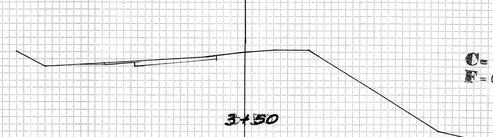
Exc = 11
Emb = 0

Exc = 20
Emb = 2



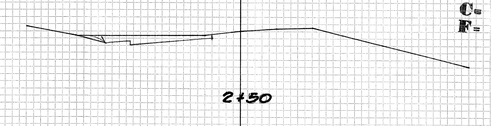
Exc = 11
Emb = 2

Exc = 15
Emb = 0



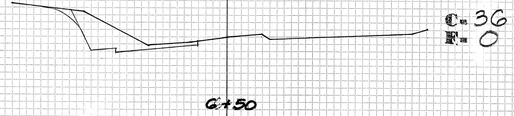
Exc = 21
Emb = 0

Exc = 27
Emb = 0



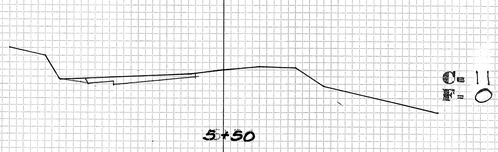
Exc = 21
Emb = 0

Exc = 45
Emb = 0

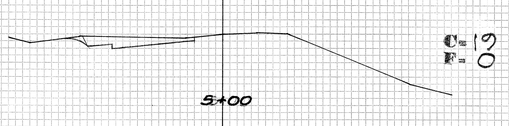


Exc = 79
Emb = 0

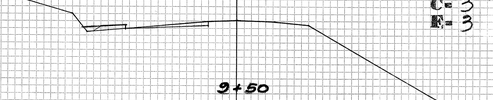
Exc = 56
Emb = 0



Exc = 28
Emb =

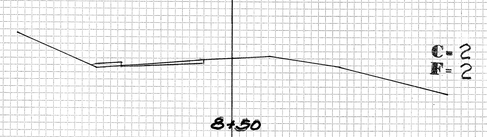


Exc = 6
Emb = 5



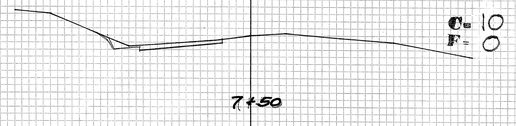
Exc = 5
Emb = 6

Exc = 4
Emb = 6



Exc = 11
Emb = 2

Exc = 19
Emb = 0



IMPROVEMENT NO. 12

PLATE 5 CROSS SECTION U. P. R. & R. E. STANDARD
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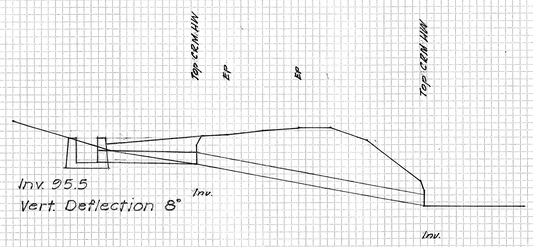
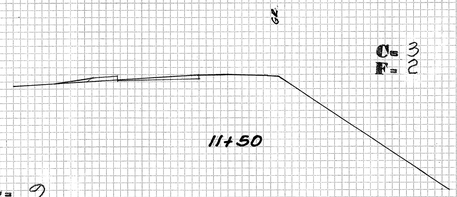
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	17	25

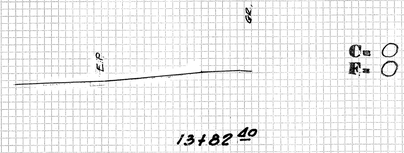
Exc = 8
Emb = 1



1+09 Culv't.

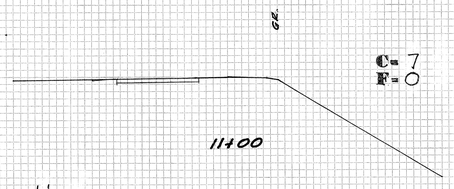
Exc = 83
Emb = 3

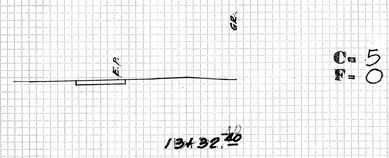




Exc = 9
Emb = 2

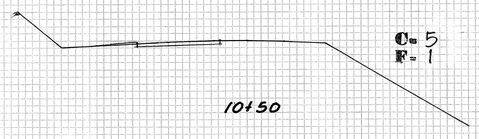
Exc = 5
Emb = 0

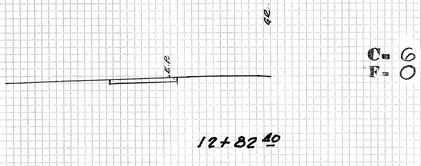




Exc = 11
Emb = 1

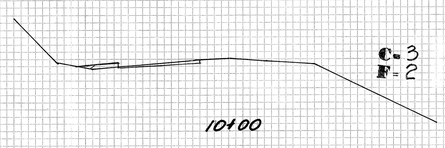
Exc = 10
Emb = 0

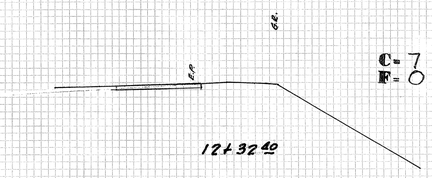




Exc = 7
Emb = 3

Exc = 12
Emb = 0





IMPROVEMENT NO. 12

PLATE 2 CROSS SECTION C. P. S. & R. E. STANDARD
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EUGENE DIETZGEN CO.

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

ORIGINAL SURVEY — SURVEYED — PLOTTED — TEMPLATE — NOTE BOOK — AREAS CHECKED — NO. — DATE 11-7-1966 — BY C. R. Cope

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	18	25

Exc = 7
Emb = 57
C = 6
F = 17
2+50

Exc = 11
Emb = 60
C = 6
F = 48
2+00

Exc = 18
Emb = 47
C = 13
F = 3
1+50

Exc = 19
Emb = 6
C = 3
F = 3
1+00

Exc = 10
Emb = 3
C = 3
F = 0
0+50

Exc = 3
Emb = 0
C = 0
F = 0
0+00

Exc = 50
Emb = 4
C = 32
F = 2
5+50

Exc = 60
Emb = 3
C = 33
F = 1
5+00

Exc = 56
Emb = 2
C = 27
F = 1
4+50

Exc = 28
Emb = 2
C = 3
F = 1
4+00

Exc = 6
Emb = 23
C = 3
F = 24
3+50

Exc = 5
Emb = 73
C = 2
F = 55
3+00

Exc = 32
Emb = 0
C = 11
F = 0
8+50

Exc = 24
Emb = 0
C = 15
F = 0
8+00

Exc = 19
Emb = 0
C = 6
F = 1
7+50

Exc = 14
Emb = 1
C = 2
F = 0
7+00

Exc = 69
Emb = 0
C = 65
F = 0
6+50

Exc = 81
Emb = 2
C = 22
F = 2
6+00

Exc = 5
Emb = 42
C = 3
F = 5
11+00

Exc = 10
Emb = 6
C = 8
F = 2
10+50

Exc = 15
Emb = 2
C = 8
F = 0
10+00

Exc = 18
Emb = 0
C = 11
F = 0
9+50

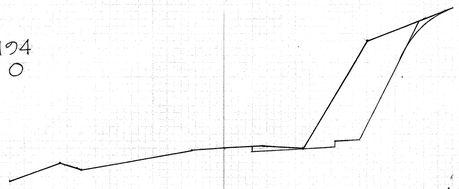
Exc = 32
Emb = 0
C = 24
F = 0
9+00

IMPROVEMENT NO. 13

K&E PLATE 3, CROSS SECTION
KEUFFEL & ESSER CO.
AS 7052 MADE IN U.S.A.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	19	25

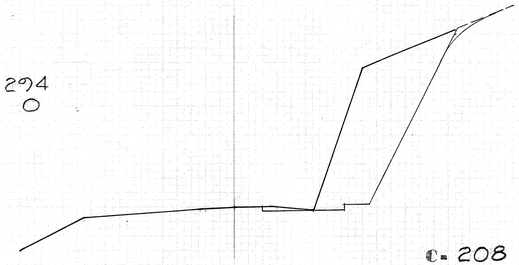
Exc = 194
Emb = 0



13+50

C = 107
F = 0

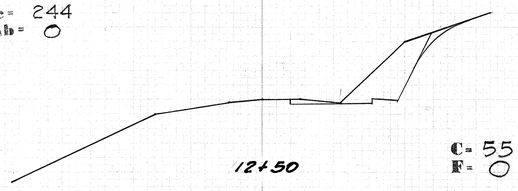
Exc = 294
Emb = 0



13+00

C = 208
F = 0

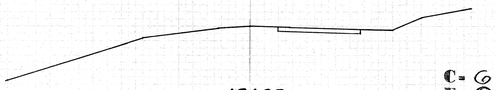
Exc = 244
Emb = 0



12+50

C = 55
F = 0

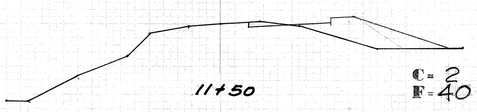
Exc = 56
Emb = 0



12+00

C = 6
F = 0

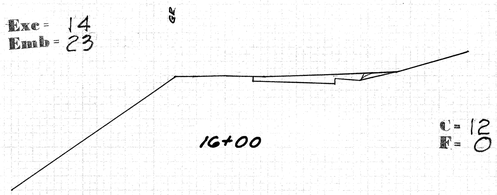
Exc = 7
Emb = 24



11+50

C = 2
F = 40

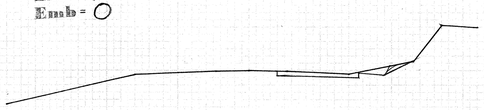
Exc = 14
Emb = 23



16+00

C = 12
F = 0

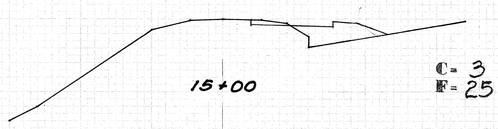
Exc = 19
Emb = 0



15+50

C = 8
F = 0

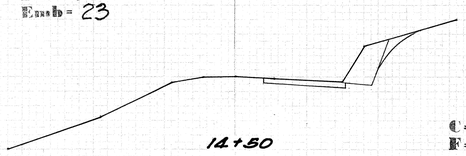
Exc = 10
Emb = 23



15+00

C = 3
F = 25

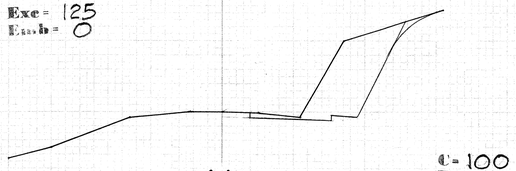
Exc = 35
Emb = 23



14+50

C = 35
F = 0

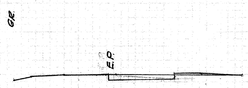
Exc = 125
Emb = 0



14+00

C = 100
F = 0

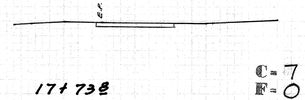
Exc = 10
Emb = 1



18+23ℓ

C = 7
F = 1

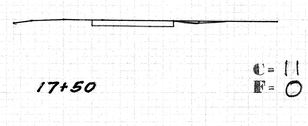
Exc = 14
Emb = 1



17+73ℓ

C = 7
F = 0

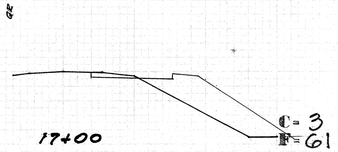
Exc = 8
Emb = 0



17+50

C = 11
F = 0

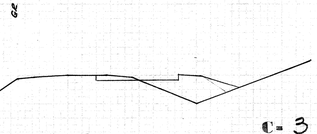
Exc = 13
Emb = 56



17+00

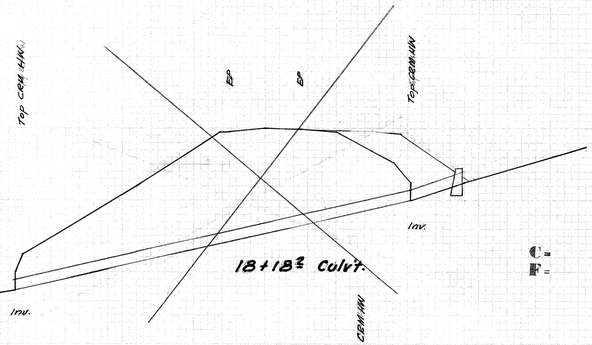
C = 3
F = 61

Exc = 6
Emb = 80



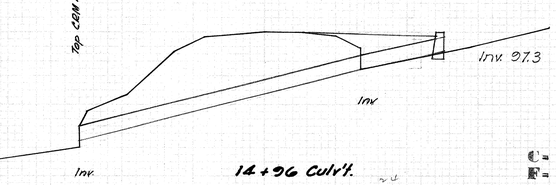
16+50

C = 3
F = 25



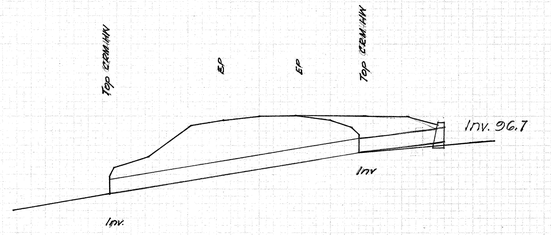
18+18ℓ Culvt.

C =
F =



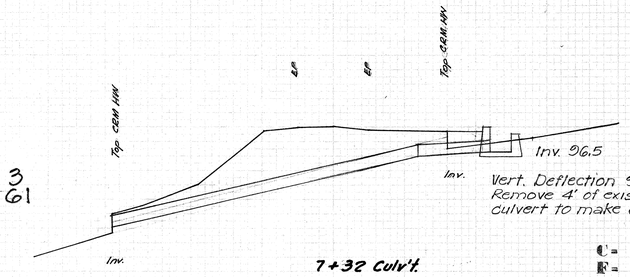
14+96 Culvt.

C =
F =



11+57 Culvt.

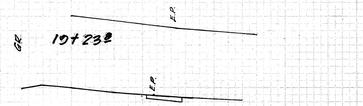
C =
F =



7+32 Culvt.

C =
F =

Exc = 3
Emb = 0



19+23ℓ

18+73ℓ

C = 3
F = 0

IMPROVEMENT NO. 13

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	20	25

Exc = 21
Emb = 0
4+00
C = 15
F = 0

Exc = 16
Emb = 62
H.W.
Inv.
3+50
C = 2
F = 67

Exc = 12
Emb = 62
3+00
C = 11
F = 0

Exc = 18
Emb = 11
2+50
C = 8
F = 12

Exc = 11
Emb = 40
2+00
C = 4
F = 31

Exc = 6
Emb = 116
1+50
C = 2
F = 94

Exc = 7
Emb = 114
E.P.
1+00
C = 5
F = 29

Exc = 7
Emb = 27
E.P.
0+50
C = 3
F = 0

Exc = 3
Emb = 0
E.P.
0+00
C = 0
F = 0

Exc = 15
Emb = 44
8+50
C = 9
F = 1

Exc = 17
Emb = 3
8+00
C = 9
F = 0

Exc = 92
Emb = 3
7+50
C = 90
F = 3

Exc = 164
Emb = 3
7+00
C = 87
F = 0

Exc = 124
Emb = 0
6+50
C = 47
F = 0

Exc = 51
Emb = 0
6+00
C = 9
F = 0

Exc = 13
Emb = 2
5+50
C = 5
F = 2

Exc = 9
Emb = 4
5+00
C = 5
F = 2

Exc = 12
Emb = 2
4+50
C = 8
F = 0

Exc = 13
Emb = 3
13+00
C = 12
F = 0

Exc = 20
Emb = 0
12+50
C = 10
F = 0

Exc = 17
Emb = 0
12+00
C = 8
F = 0

Exc = 15
Emb = 1
11+50
C = 8
F = 1

Exc = 17
Emb = 1
11+00
C = 10
F = 0

Exc = 67
Emb = 0
10+50
C = 62
F = 0

Exc = 65
Emb = 0
10+00
C = 8
F = 1

Exc = 14
Emb = 6
9+50
C = 6
F = 11

Exc = 12
Emb = 47
9+00
C = 7
F = 46

Top of Dit. 2'x2 1/2'
Top of Dit. 2'x2 1/2'
E.P.
Inv.
E.P.
Top of CRM H.W.
Inv.
Inv. 91.3
7+93
Vert. Deflection 15°

Top of CRM H.W.
E.P.
E.P.
Inv. 88.0
Inv.
3+36
Top of CRM H.W.
Inv.

Top of Dit. 2'x2 1/2'
Top of Dit. 2'x2 1/2'
E.P.
E.P.
Top of CRM H.W.
Inv.
Inv.
0+69

Exc = 3
Emb = 0
E.P.
15+50
C = 0
F = 0

Exc = 3
Emb = 0
E.P.
15+00
C = 3
F = 0

Exc = 8
Emb = 0
E.P.
14+50
C = 6
F = 0

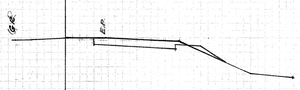
Exc = 13
Emb = 0
E.P.
14+00
C = 8
F = 0

Exc = 9
Emb = 3
13+50
C = 2
F = 6

IMPROVEMENT NO. 14

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	21	25

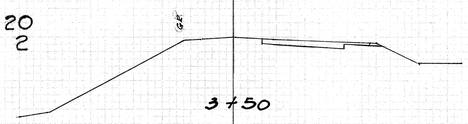
Exc = 17
Emb = 2



4 + 01.5

C = 10
F = 2

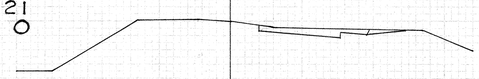
Exc = 20
Emb = 2



3 + 50

C = 10
F = 0

Exc = 21
Emb = 0



3 + 00

C = 13
F = 0

Exc =
Emb =

2 + 50

C = 2
F = 6

Exc =
Emb =

2 + 00

C = 13
F = 0

Exc =
Emb =

1 + 50

C = 8
F = 0

Exc =
Emb =

1 + 00

C = 25
F = 0

Exc =
Emb =

0 + 50

C = 3
F = 0

Exc = 3
Emb = 0

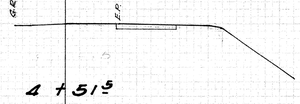
0 + 00

C = 0
F = 0

Exc = 10
Emb = 0

5 + 01.5

C = 3
F = 0

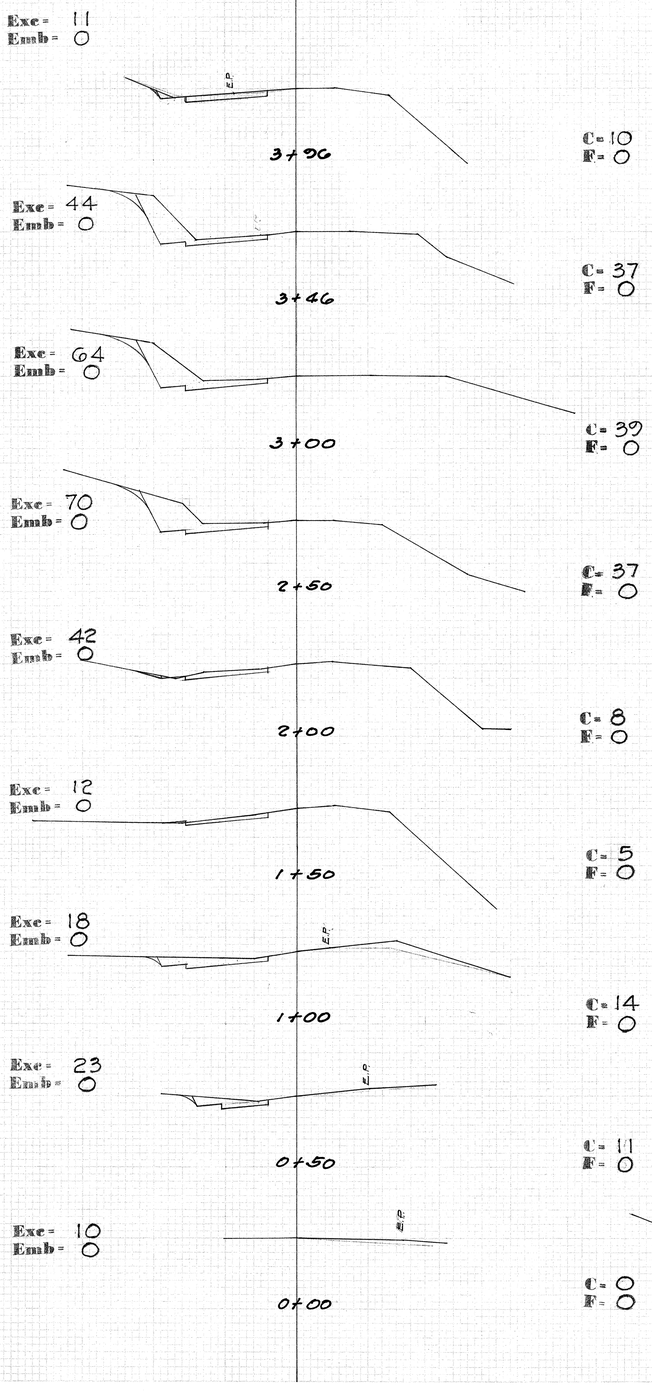


4 + 51.5

C = 8
F = 0

IMPROVEMENT NO. 155

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	22	25



IMPROVEMENT NO. 16

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	23	25

Exc = 24
Emb = 0

4+00

C = 15
F = 0

Exc = 32
Emb = 0

3+50

C = 20
F = 0

Exc = 56
Emb = 0

3+00

C = 41
F = 0

Exc = 71
Emb = 0

2+50

C = 36
F = 0

Exc = 71
Emb = 0

2+00

C = 41
F = 0

Exc = 46
Emb = 15

1+50

C = 9
F = 16

Exc = 17
Emb = 0

1+00

C = 10
F = 0

Exc = 12
Emb = 1

0+50

C = 3
F = 1

Exc = 3
Emb = 1

0+00

C = 0
F = 0

Exc = 130
Emb = 0

8+50

C = 85
F = 0

Exc = 122
Emb = 0

8+00

C = 47
F = 0

Exc = 129
Emb = 0

7+50

C = 92
F = 0

Exc = 104
Emb = 0

7+00

C = 118
F = 0

Exc = 139
Emb = 0

6+50

C = 32
F = 0

Exc = 39
Emb = 0

6+00

C = 10
F = 0

Exc = 17
Emb = 0

5+50

C = 8
F = 0

Exc = 17
Emb = 0

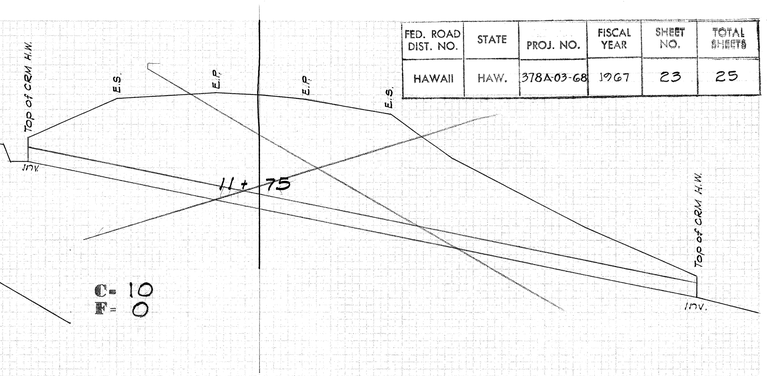
5+00

C = 10
F = 0

Exc = 19
Emb = 0

4+50

C = 11
F = 0



Exc = 12
Emb = 4

13+10

C = 10
F = 0

Exc = 24
Emb = 0

12+50

C = 12
F = 0

Exc = 20
Emb = 1

12+00

C = 10
F = 1

Exc = 18
Emb = 1

11+50

C = 10
F = 0

Exc = 34
Emb = 0

11+00

C = 27
F = 0

Exc = 72
Emb = 0

10+50

C = 51
F = 0

Exc = 84
Emb = 0

10+00

C = 40
F = 0

Exc = 93
Emb = 0

9+50

C = 60
F =

Exc = 107
Emb = 0

9+00

C = 55
F = 0

Exc =
Emb =

14+60

C = 3
F = 0

Exc = 7
Emb = 6

14+10

C = 4
F = 6

Exc = 7
Emb = 9

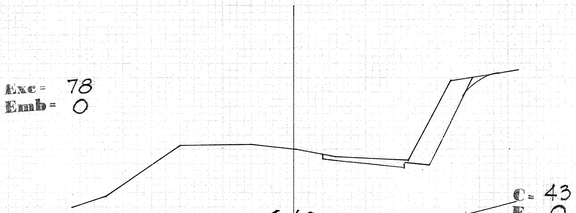
13+60

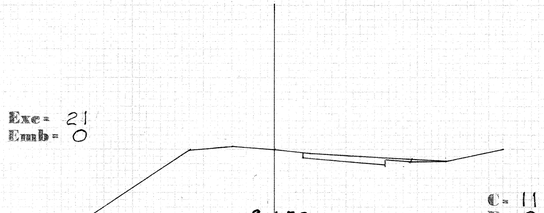
C = 3
F = 4

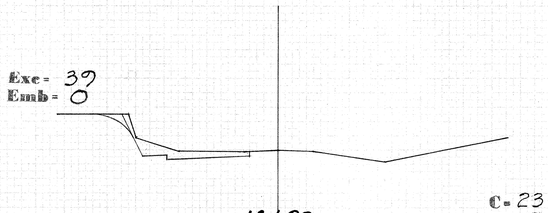
IMPROVEMENT NO. 17

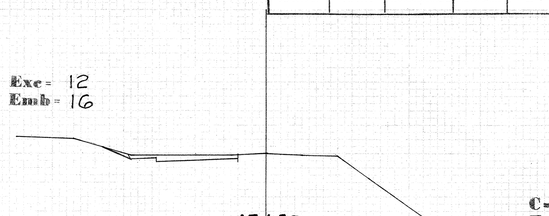
23

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	24	25





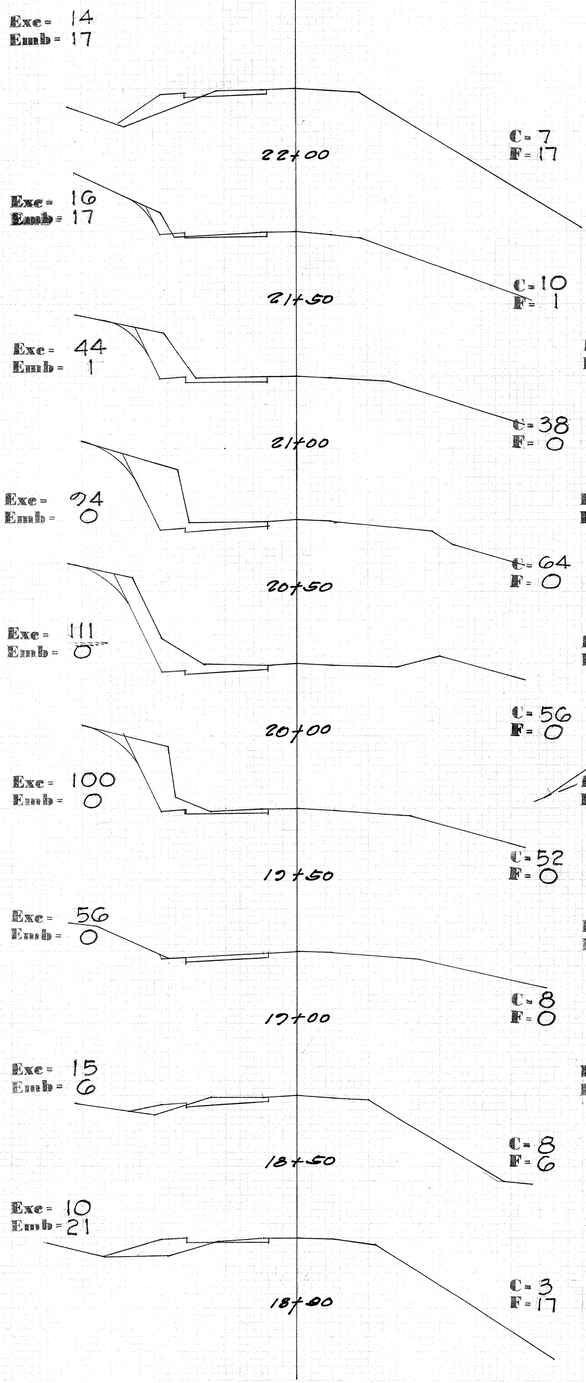


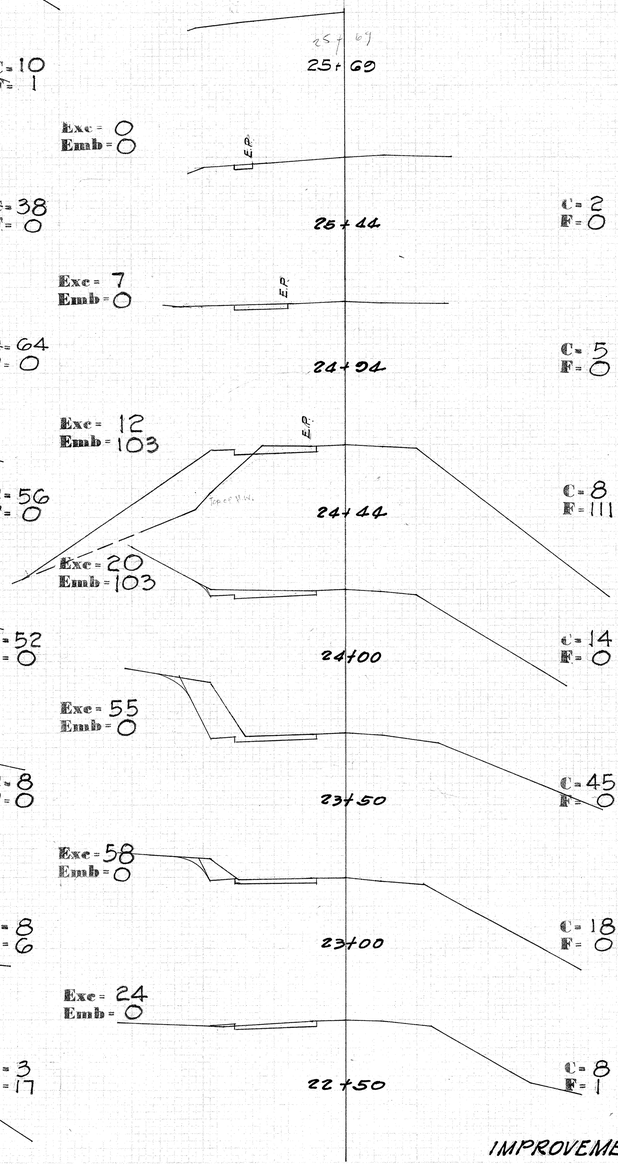


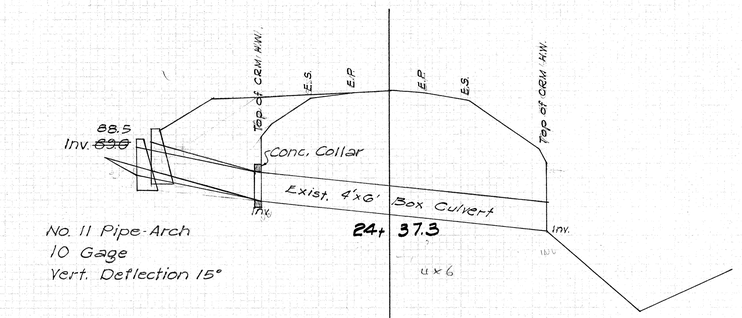
IMPROVEMENT NO. 18

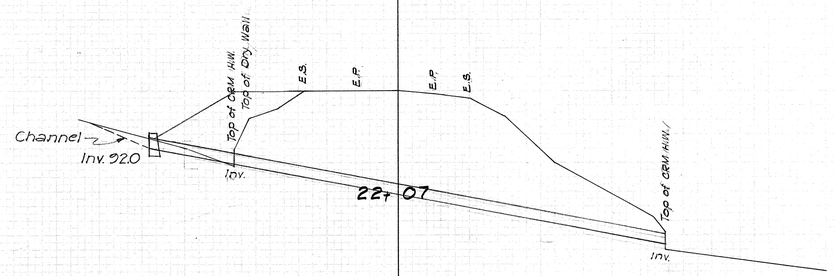
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	378A-03-68	1967	25	25

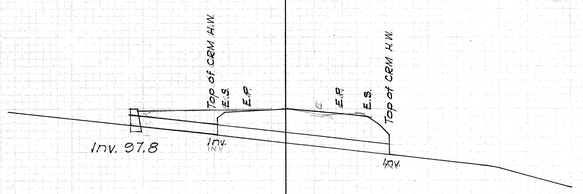
Note : ℄ Culvert Sta. Elevation is 100.00 (Assumed)

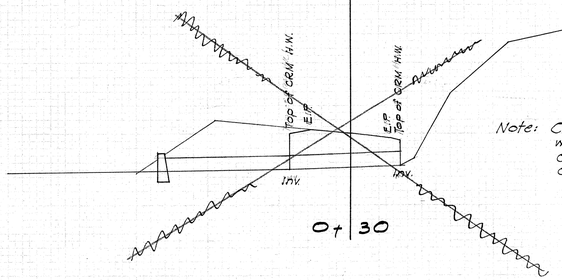












Note: Culvert was in place but w/o Headwall. Headwall constructed under this contract.

IMPROVEMENT NO. 18