FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
Hawaii	Haw	SH-FAP 3-A(1)	1941	4A	25

Revised July, 1942

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

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

VOID

℄ of Medial Strip

25.1
1 + 60
Exc. 0
Emb 20²

24.3
1 + 10
Exc. 0
Emb 10²

23.6
0 + 60
Exc. +0.2
Emb 0.2

23.8
0 + 10

0 + 00

Connection of Relocated Railroad to Existing Railroad

1 + 75
Exc = 3²
Emb = 0

25.7
1 + 30
Exc = 5²
Emb = 0

25.7
1 + 25
Exc 3²
Emb 0

27.3
1 + 00
Exc 7²
Emb 0

27.0
0 + 50
Exc 1²
Emb 0

℄ of Spur

Top of Railroad Bed

0 + 00 Spur Equation
92 = 17²

RELOCATED SPUR

℄ Medial Strip

28.2
57 + 50
Exc 97.2²
Emb 46.8²
C = 60
F = 21
Exc 7¹²
Emb 15²⁴

27.9
57 + 00
Exc 75.8²
Emb 33.8²
C = 45
F = 23
Exc 52⁶
Emb 154⁵

28.2
56 + 50
Exc 75.9²
Emb 32.8²
C = 37
F = 20
Exc 52⁴
Emb 163⁵

28.9
56 + 00
Exc 65.6²
Emb 43.4²
C = 44
F = 15
Exc 52²
Emb 155⁴

28.4
55 + 50
Exc 46.3²
Emb 56.5²
C = 22
F = 38
Exc 61²
Emb 196.2²

24.7
55 + 00
C = 28
F = 23

25.8
54 + 50 | RR Equation
3 + 65

24.5
3 + 15

24.0
2 + 65

Exc 0
Emb 11²

Exc = 0
Emb = 9.3²

Exc = 0
Emb = 37²

STATE OF HAWAII CROSS SECTION OF R. R. & C. P. STANDARD
SCUTTLE & STEEL SLAB BRIDGE

3091.14A

by D.S. ck

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw.	31[illegible] FAP 9-A(3)	194[illegible]	15A	25

℄ Medial Strip — Reference Line 78 ft Left of E.R.R. Right-of-Way — ℄ Road

Revised July, 1942

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

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

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

5091.15

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	MISCA. YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw.	SN-FAP 9-A(6)	1941	16A	25

Revised July 1942

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

ORIGINAL SURVEY — NOTED — PLOTTED — TRACED — AREAS — REVISED — CHECKED — NOTE BOOK — NO. — DATE — BY

℄ of Medial Strip — Reference Line

26.46	72+00	EXC 132⁴/₂₈ 202.8 2.8	C=62 F=2	96 2	EXC 8³ EMB 146³	27.61	77+00	EXC 132⁴/₃₂ 209.3 2.8	C=87 F=0	126 0	EXC 4⁶ EMB 218⁷
26.34	71+50	EXC 138²/₃₂ 206.5 3.7	C=81 F=7	123 1	EXC 8³ EMB 213³	27.50	76+50	EXC 133²/₄₆ 204.6 3.7	C=56 F=7	100 3	EXC 5³ EMB 197⁷
26.23	71+00	EXC 132⁴/₇₂ 194.4 9.3	C=69 F=3	100 3	EXC 17⁶ EMB 233³	27.38	76+00	EXC 157⁸/₃₇ 225.0 2.8	C=90 F=7	121 1	EXC 9³ EMB 155⁹
26.11	70+50	EXC 129⁶/₇₆ 192.6 14.8	C=74 F=8	110 7	EXC 13⁴ EMB 183³	27.27	75+50	EXC 182⁶/₃₂ 244.4 2.8	C=88 F=3	121 3	EXC 17⁹ EMB 147²
26.00	70+00	EXC 108³/₂₁³ 178.7 17.6	C=66 F=11	97 9	EXC 7⁴ EMB 170³	27.15	75+00	EXC 160²/₄₂ 213.9 6.5	C=47 F=7	142 1	EXC 24² EMB 129⁹
25.88	69+50	EXC 75⁵/₃₂ 145.4 29.6	C=54 F=12	95 10	EXC 13⁶ EMB 102⁶	27.04	74+50	EXC 87²/₂₂ 142.6 15.7	C=56 F=6	119 6	EXC 13² EMB 132⁶
25.62	69+00	EXC 59⁶/₈₂ 107.4 31.9	C=30 F=30	62 22	EXC 17⁶ EMB 208³	26.92	74+00	EXC 69⁴/₃₆ 115.7 25.9	C=39 F=18	63 11	EXC 0² EMB 163⁶
25.54	68+50	EXC 72⁶/₇₂ 110.2 54.6	C=24 F=42	54 34	EXC 21³ EMB 216⁷	26.81	73+50	EXC 75⁹/₃₂ 127.8 27.8	C=36 F=21	60 17	EXC 6⁶ EMB 165⁷
25.06	68+00	EXC 57⁶/₅₀ 132.4 42.6	C=22 F=35	65 23	EXC 28⁷ EMB 122⁶	26.69	73+00	EXC 97²/₂₀⁴ 154.6 19.4	C=46 F=13	119 13	EXC 13⁹ EMB 160⁷
24.78	67+50	EXC 55⁶/₆₂ 146.3 61.1	C=40 F=13	75 21	EXC 35⁴ EMB 212⁹	26.58	72+50	EXC 112¹/₁₀² 171.3 9.3	C=59 F=9	192 1	EXC 7⁵ EMB 102²

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

MADE IN U. S. A.

5091.16A

Hawaii Haw SM-FAP 9-A(8) 1941 17A 25

℄ Medial Strip — Reference Line 78 ft. Left of ℄ RR.

Exc = 173 50.9
Emb = 706 ~~4.6~~ 1.6

C = ~~7~~ 25
F = 65 51

28·60 | 25.5 | 82+00 | Exc 10 | Emb xxx

Exc = ~~9~~ 31.5
Emb = ~~148~~ 17.0

C = 8 30
F = ~~58~~ 35

28·54 | 25.0 | 81+50 | Exc 10 | Emb 229

Exc = ~~4~~ 3.7
Emb = ~~160~~ 127.3

C = 8 4
F = ~~79~~ 59

28·96 | 24.0 | 81+00 | Exc 0 | Emb 25

Exc = ~~0~~ 0
Emb = ~~189~~ 150.0

C = ~~8~~ 0
F = ~~84~~ 72

28·38 | 23.2 | 80+50 | Exc 0 | Emb 242

Exc = ~~8~~ 12.0
Emb = ~~186~~ 147.2

C = ~~0~~ 0
F = ~~111~~ 90

28·28 | 24.0 | 80+00 | Exc 0 | Emb 290

Exc = ~~0~~ 16.7
Emb = ~~140~~ 109.3

C = ~~4~~ 14
F = ~~90~~ 69

29·07 | 24.5 | 79+50 | Exc 0 | Emb 221

Exc = ~~0~~ 23.9
Emb = ~~118~~ 98.7

C = ~~0~~ 4
F = ~~91~~ 49

27·96 | 24.0 | 79+00 | Exc 0 | Emb 216

Exc = ~~15~~ 47.2
Emb = ~~74~~ 43.5

C = ~~4~~ 11
F = ~~57~~ 36

27·84 | 23.5 | 78+50 | Exc 0 | Emb 238

Exc = ~~50~~ 101.9
Emb = ~~30~~ 17.6

C = ~~16~~ 40
F = ~~23~~ 11

27·73 | 24.0 | 78+00 | Exc 0 | Emb 201

Exc = ~~115~~ 181.5
Emb = ~~0~~ 97.4

C = ~~38~~ 70
F = ~~10~~ 8

77+50 | Exc 0 | Emb 184

Exc = ~~37~~ 90.7
Emb = ~~58~~ 39.8

C = ~~23~~ 63
F = ~~29~~ 18

28·76 | 25.5 | 87+00 | Exc 33 | Emb 148

Exc = ~~26~~ 75.9
Emb = ~~59~~ 45.4

C = ~~71~~ 35
F = ~~34~~ 25

28·72 | 25.5 | 86+50 | Exc 33 | Emb 132

Exc = ~~41~~ 106.5
Emb = ~~53~~ 41.7

C = ~~78~~ 47
F = ~~30~~ 24

28·80 | 25.0 | 86+00 | Exc 27 | Emb 154

Exc = ~~23~~ 40.3.7
Emb = ~~58~~ 49.7

C = ~~27~~ 68
F = ~~28~~ 21

28·80 | 23.2 | 85+50 | Exc 26 | Emb 107

Exc = ~~26~~ 69.4
Emb = ~~68~~ 43.5

C = ~~20~~ 44
F = ~~35~~ 24

28·80 | 25.0 | 85+00 | Exc 13 | Emb 122

Exc = ~~15~~ 59.3
Emb = ~~72~~ 42.6

C = ~~9~~ 31
F = ~~39~~ 25

28·77 | 24.5 | 84+50 | Exc 9 | Emb 105

Exc = ~~13~~ 52.8
Emb = ~~72~~ 42.6

C = ~~8~~ 33
F = ~~39~~ 23

28·75 | 24.5 | 84+00 | Exc 3 | Emb 113

Exc = ~~12~~ 45.4
Emb = ~~74~~ 43.5

C = ~~7~~ 24
F = ~~32~~ 28

28·76 | 24.5 | 83+50 | Exc 3 | Emb 114

Exc = ~~11~~ 41.7
Emb = ~~81~~ 54.6

C = ~~7~~ 25
F = ~~41~~ 24

28·63 | 24.0 | 83+00 | Exc 3 | Emb 101

Exc = ~~11~~ 41.7
Emb = ~~103~~ 79.6

C = ~~5~~ 20
F = ~~49~~ 35

82+50 | Exc 3 | Emb 114

Revised July 1942

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

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

PLATE 5 CROSS SECTION C.P.R.R. & R.C. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

5091.17A

U.S. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	ITEM NO.	SHEET NO.	TOTAL SHEETS
Hawaii	Haw.	SN-FAP 9-A(8)	1041	18A	25

℄ Medial Strip

Reference Line 78 ft. Left of ℄ RR

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

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

Revised July 1942

Exc = 273² 351.8 E Emb = 7² 7.4 E	C = 116 159 F = 8 1	02+00	EXC 122² EMB 62²	28.05	28.15	Exc = 52² 92.6 Emb = 62² 36.1	C = 15 29 F = 42 23	01+00	EXC 103² EMB 72²	27.23	27.25
Exc = 278² 365.7 E Emb = 0 0 E	C = 178 221 F = 0 0	01+50	EXC 121² EMB 67²	28.15	28.25	Exc = 87² 150.0 Emb = 40² 26.9	C = 42 71 F = 26 16	01+00	EXC 103² EMB 81²	27.25	27.30
Exc = 204² 282.4 E Emb = 0 0 E	C = 122 174 F = 0 0	01+00	EXC 112² EMB 62²	28.25	28.30	Exc = 110² 181.9 Emb = 26² 13.9 E	C = 46 91 F = 18 18	00+00	EXC 132² EMB 62²	27.30	27.35
Exc = 185² 245.4 E Emb = 1² 1.9 E	C = 99 131 F = 0 0	00+50	EXC 100² EMB 76²	28.30	28.45	Exc = 153² 216.7 E Emb = 4² 1.9 E	C = 93 113 F = 4 2	25+50	EXC 113² EMB 73²	27.35	27.25
Exc = 188² 252.8 E Emb = 6² 6.5 E	C = 104 134 F = 2 2	00+00	EXC 95² EMB 84²	28.51	28.57	Exc = 202² 259.3 E Emb = 0² 0 E	C = 93 121 F = 7 1	25+00	EXC 100² EMB 71²	27.55	27.57
Exc = 161² 236.6 E Emb = 9² 9.3 E	C = 103 139 F = 5 3	00+50	EXC 89² EMB 88²	28.68	28.70	Exc = 209² 276.9 E Emb = 1² 0 E	C = 126 159 F = 6 0	24+50	EXC 132² EMB 81²	27.65	27.68
Exc = 116² 187.0 E Emb = 16² 14.8 E	C = 71 110 F = 5 5	00+00	EXC 78² EMB 102²	28.64	28.70	Exc = 177² 250.0 E Emb = 3² 0.9 E	C = 100 140 F = 2 0	24+00	EXC 152² EMB 98²	27.75	27.80
Exc = 135² 188.9 E Emb = 35² 28.7 E	C = 55 92 F = 13 11	00+50	EXC 64² EMB 120²	28.80	28.85	Exc = 156² 221.3 E Emb = 25² 23.1 E	C = 32 120 F = 2 1	23+50	EXC 107² EMB 72²	27.85	27.85
Exc = 87² 135.2 E Emb = 28² 31.5 E	C = 46 79 F = 25 20	00+00	EXC 55² EMB 114²	28.74	28.80	Exc = 163² 222.2 E Emb = 34² 32.4 E	C = 97 109 F = 26 24	23+00	EXC 130² EMB 87²	27.78	27.80
Exc = 60² 120.4 E Emb = 16² 27.6 E	C = 42 67 F = 24 14	01+50	EXC 30² EMB 14²			Exc = 200² 268.5 E Emb = 17² 17.6 E	C = 100 131 R = 7 11	22+50	EXC 117² EMB 58²		

STATE X-SECTION, C.P.F. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK

5091.18A

STATE	DIST.	COUNTY	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw.	SM-FAP 9-A(6)	1941	10A	75

℄ of Medial Strip

Reference Line (78 ft Left of ℄ R.R.

Revised July 1942

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

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

DATE ... BY ... NO. ...

| | | |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw	BRF-PAP 8-A(1)	1941	M20A	25

& Medial Strip

Reference Line
78 ft Left of ℄ RR

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

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

Revised July, 1942

Exc = 138.9 213.0 Emb = 75.8 10.2	C = ~~79~~ F = ~~72~~	82 7	112 + 00	30·10	EXC 175.9 EMB 63.9	Exc = 126.3 212.0 Emb = 42.1 9.3	C = 70 F = 7	116 5	117 + 00	29·10	EXC 173.5 EMB 39.4
Exc = 275.2 358.3 Emb = 75.6 4.6	C = ~~101~~ F = 5	148 4	111 + 50	30·30	EXC 224.1 EMB 27.8	Exc = 107.4 188.9 Emb = 23.2 13.9	C = 67 F = 6	113 5	116 + 50	29·30	EXC 170.1 EMB 117.6
Exc = ~~783.3~~ 565.7 Emb = 0.9 0.9	C = ~~197~~ F = 1	239 1	111 + 00	30·35	EXC 200.2 EMB 15.7	Exc = 70.4 130.6 Emb = ~~46.3~~ 32.4	C = ~~49~~ F = 7.9	91 10	116 + 00	29·40	EXC 176.9 EMB 132.1
Exc = 663.2 749.1 Emb = 0 0	C = 325 F = 0	972 0	110 + 50	30·43	EXC 203.2 EMB 11.1	Exc = ~~49.1~~ 103.6 Emb = ~~53.7~~ 46.9	C = 87 F = 34	50 25	115 + 50	29·50	EXC 181.5 EMB 133.3
Exc = ~~957.4~~ 834.3 Emb = ~~0~~ 0	C = ~~391~~ F = ~~0~~	437 0	110 + 00	30·45	EXC 203.2 EMB 15.2	Exc = ~~63.2~~ 129.6 Emb = ~~42.2~~ 35.2	C = ~~26~~ F = ~~24~~	64 25	115 + 00	29·60	EXC 175.3 EMB 138.2
Exc = ~~769.4~~ 841.7 Emb = 0 0	C = ~~427~~ F = 0	464 0	109 + 50	30·42	EXC 200.2 EMB 27.2	Exc = ~~72.2~~ 121.3 Emb = ~~76.3~~ 35.2	C = 42 F = ~~42~~	76 13	114 + 50	29·70	EXC 184.3 EMB 139.8
Exc = ~~637.2~~ 772.2 Emb = ~~0~~ 0	C = ~~484~~ F = 0	445 0	109 + 00	30·38	EXC 223.2 EMB 25.2	Exc = ~~47.2~~ 100.0 Emb = ~~63.2~~ 52.8	C = 36 F = ~~34~~	53 25	114 + 00	29·80	EXC 185.3 EMB 138.2
Exc = ~~626.3~~ 686.1 Emb = ~~0~~ 0	C = ~~349~~ F = ~~0~~	389 0	108 + 50	30·28	EXC 205.2 EMB 25.2	Exc = ~~37.2~~ 95.4 Emb = ~~65.2~~ 56.5	C = ~~15~~ F = ~~38~~	33 32	113 + 50	29·90	EXC 191.7 EMB 122.6
Exc = ~~537.1~~ 597.2 Emb = ~~1.2~~ 0.9	C = ~~328~~ F = ~~0~~	352 0	108 + 00	30·16	EXC 165.2 EMB 37.2	Exc = ~~51.3~~ 100.0 Emb = ~~56.5~~ 47.2	C = ~~26~~ F = ~~33~~	30 29	113 + 00	30·00	EXC 180.8 EMB 123.8
Exc = ~~745.3~~ 535.2 Emb = ~~32~~ 2.8	C = ~~252~~ F = 2	293 1	107 + 50		EXC 156.8 EMB 30.2	Exc = ~~73.2~~ 129.6 Emb = ~~37.2~~ 26.9	C = ~~38~~ F = ~~28~~	58 22	112 + 50		EXC 172.2 EMB 107.2

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

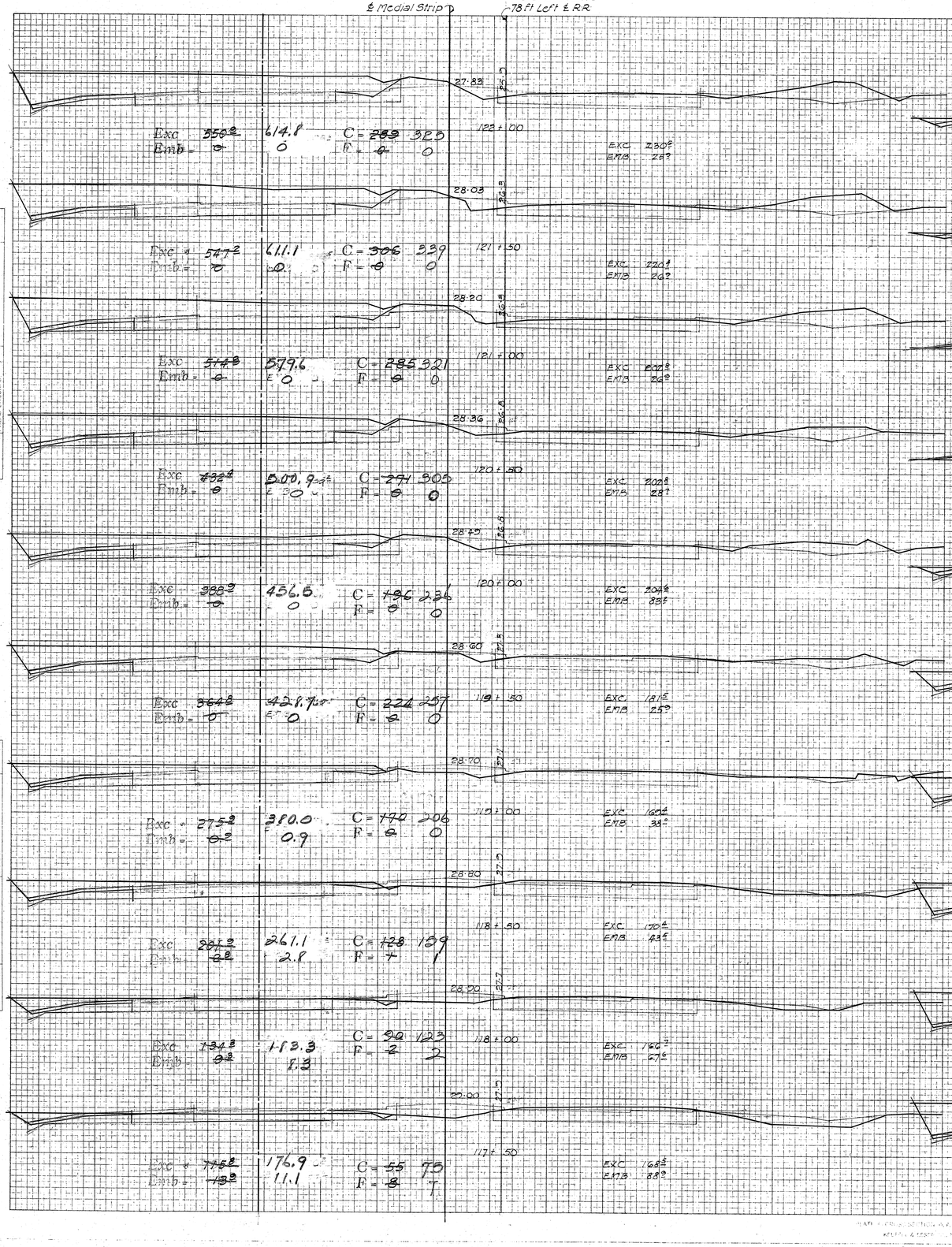
5091.20A

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw	S.N.- FAP 9-A(6)	1941	21A	25

Revised Sept. 1942
Revised July, 1942

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

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



5091.21

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	STATE YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	SN-FAP 9-A(8)	1941	22A	25

℄ of Medial Strip

Reference Line 78 ft Left of LRR

D.S.

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

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

Revised July, 1942
Sept. 1942

Exc = 301.8	C = 165	23.29	132 + 00	EXC 66	20.24	137 + 00	EXC 62	Exc = 400.0	C = 208
Emb = 7.9	F = 1			EMB 52			EMB 36	Emb = 0	F = 0
Exc = 282.8	C = 161	23.97	131 + 50	EXC 148	21.17	136 + 50	EXC 152	Exc = 437.0	C = 232
Emb = 7.4	F = 1			EMB 81			EMB 42	Emb = 0	F = 0
Exc = 166.7	C = 112	23.70	131 + 00	EXC 143	21.40	136 + 00	EXC 157	Exc = 439.8	C = 240
Emb = 26.4	F = 7			EMB 137			EMB 41	Emb = 0	F = 0
Exc = 72.2	C = 68	23.93	130 + 50	EXC 144	21.63	135 + 50	EXC 162	Exc = 418.5	C = 235
Emb = 82.2	F = 15			EMB 231			EMB 48	Emb = 0.9	F = 0
Exc = 18.2	C = 10	24.16	130 + 00	EXC 142	21.86	135 + 00	EXC 163	Exc = 404.6	C = 217
Emb = 162.0	F = 63			EMB 247			EMB 52	Emb = 1.9	F = 1
Exc = 51.9	C = 1	24.32	129 + 50	EXC 143	22.09	134 + 50	EXC 160	Exc = 409.3	C = 220
Emb = 126.7	F = 118			EMB 175			EMB 54	Emb = 0.9	F = 1
Exc = 156.3	C = 55	24.68	129 + 00	EXC 141	22.32	134 + 00	EXC 165	Exc = 407.3	C = 222
Emb = 34.3	F = 25			EMB 229			EMB 56	Emb = 0	F = 0
Exc = 165.7	C = 116	24.85	128 + 50	EXC 131	22.35	133 + 50	EXC 183	Exc = 416.7	C = 220
Emb = 27.8	F = 12			EMB 120			EMB 50	Emb = 0	F = 0
Exc = 100.9	C = 69	25.08	128 + 00	EXC 131	22.78	133 + 00	EXC 177	Exc = 423.1	C = 230
Emb = 38.9	F = 12			EMB 132			EMB 49	Emb = 0	F = 0
Exc = 51.5	C = 46	25.31	127 + 50	EXC 140	23.01	132 + 50	EXC 172	Exc = 363.6	C = 227
Emb = 43.5	F = 24			EMB 175			EMB 47	Emb = 0.9	F = 0

PLATE & COVER SECTION, O.F.P.R.R.C. STANDARD
PITTSFIELD & NORTH ADAMS, NEW YORK

5091.22A

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Hawaii	Haw	SN-FAP S-A(6) 1941	23A	25

℄ of Medial Strip

℄ of R.R. Right-of-Way

℄ of Old Pearl Harbor Road Extension

Revised July, 1942
Sept. 1942

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

Exc = 191.7
Emb = 15.7
C = 136
F = 0

Exc 115.7
Emb 91.3

Exc = 65.7
Emb = 90.7
C = 71
F = 17

Exc 118.1
Emb 91.3

Exc = 64.8
Emb = 89.8
C = 0
F = 81

Exc 105.3
Emb 80.5

Exc = 20.9
Emb = 20.4
C = 70
F = 16

Exc 104.5
Emb 72.3

Exc = 275.0
Emb = 5.6
C = 147
F = 6

Exc 124.1
Emb 56.5

Exc = 331.3
Emb = 0
C = 150
F = 0

Exc 130.5
Emb 48.3

Exc = 377.2
Emb = 0
C = 208
F = 0

Exc 143.5
Emb 34.3

EXC = 0
EMB = 816.2

EXC = 0
EMB = 761.2

EXC = 0
EMB = 522.1

EXC = 0
EMB = 306.3

EXC = 47.2
EMB = 85.2

EXC = 438
EMB = 0.2

Profile of ℄ Road

Beginning of Old Pearl Harbor Road Extension

5091.23A

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	SN-PAP 9-A(6)	1941	24 A	25

FINAL SURVEY NOTE LOOP SECTIONS NO.

ORIGINAL SURVEY NOTE BOOK NO.

Revised July, 1942
Sept. 1942

℄ of Medial Strip

℄ of R.R. Right-of-Way

℄ of Old Pearl Harbor Road Extension

Exc = 227.4
Emb = 5.3

C = 116
F = 9

145 +50

Exc = 162.6
Emb = 7.3

C = 130
F = 7

145 +00

Exc = 180.4
Emb = 12.5

C = 136
F = 5

146 +67 END OF PROJECT

Exc 44½
Emb 11½

Exc = 269.4
Emb = 3.7

C = 151
F = 3

144 +50

Exc 17.3²
Emb 4.1²

Exc = 258.0
Emb = 3.7

C = 140
F = 1

144 +00

Exc 7.3
Emb 5.5

Exc = 215.7
Emb = 19.4

C = 130
F = 3

143 +50

Exc 11½
Emb 69½

Exc = 164.8
Emb = 24.3

C = 109
F = 18

143 +00

Exc 96.3
Emb 85.8

Exc = 120.4
Emb = 39.8

C = 75
F = 19

142 +50

Exc 92½
Emb 97½

Exc = 122.2
Emb = 34.3

C = 55
F = 24

142 +00

Exc 100.3
Emb 95½

Exc = 147.2
Emb = 27.8

C = 77
F = 13

141 +50

Exc 105½
Emb 92½

Exc = 241.6
Emb = 15.7

C = 82
F = 17

141 +00

Exc 98.3
Emb 81½

EXC - 0
EMB - 472½

EXC - 0
EMB - 370½

EXC - 0
EMB - 424½

EXC - 0
EMB - 688.2

EXC - 0
EMB - 807½

EXC - 0
EMB - 1,000½

EXC - 0
EMB - 1,000½

15.80
16.31
16.82
17.34
17.85
18.36

5091.24

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S.P. FAP 9-A(6)	1941	25	25

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

℄ of R.R. Right-of-Way

℄ of Old Pearl Harbor Road Extension

150 + 00

13.0

0-0

13.6

149 + 48 End of Old Pearl Harbor Road Extension

EXC. - 0
EMB. - 62 c.y.

149 + 00

13.6

13.75

EXC. - 0
EMB. - 318 c.y.

148 + 00

14.1

14.26

0-0
E - 87

EXC. - 0
EMB. - 453 c.y.

147 + 00

14.8

14.77

0-0
E - 1.17

EXC. - 0
EMB. - 555 c.y.

146 + 00

15.2

15.28

0-0
E - 1.72

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

30076 MADE IN U. S. A.

5091.25