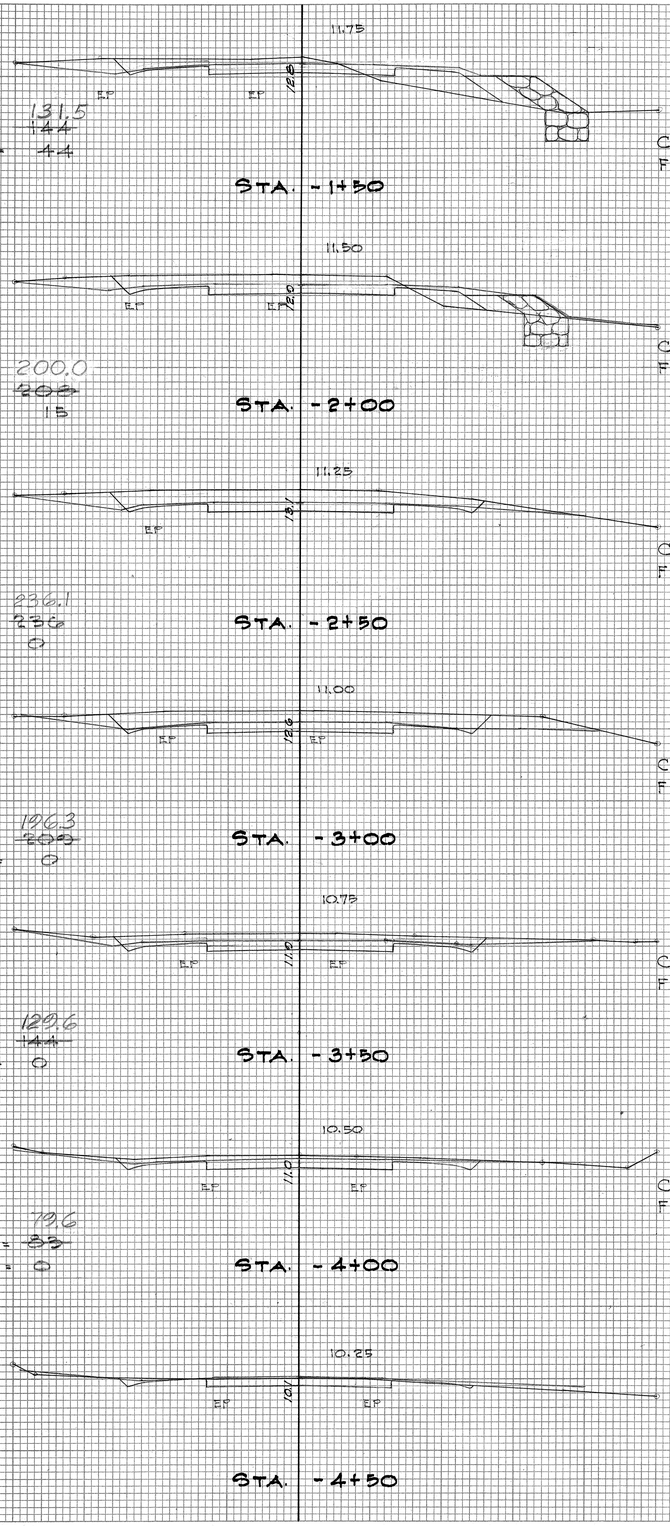
| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F-030-1(11) | 1956 | 36 | 60 |

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

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — CHECKED — AREAS — AREAS CHECKED — BY — DATE — H.C. — H.L.




EXC. = ~~131.5~~ 144
EMB. = 4-4
STA. -1+50
C = ~~52~~ 55
F = 31

EXC. = ~~200.0~~ 206
EMB. = 15
STA. -2+00
C = ~~90~~ 100
F = 16

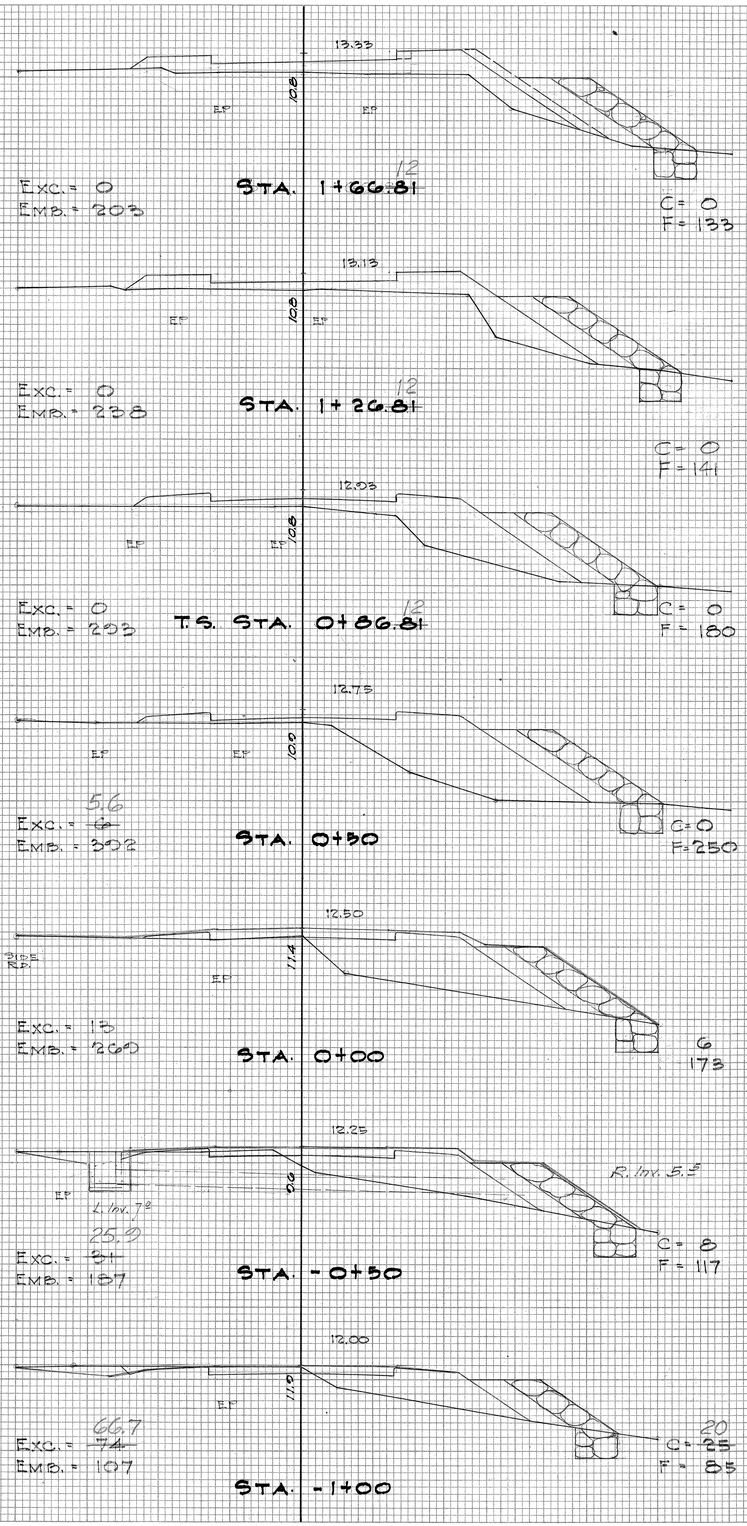
EXC. = ~~236.1~~ 236
EMB. = 0
STA. -2+50
C = ~~126~~ 125
F = 0

EXC. = ~~196.3~~ 209
EMB. = 0
STA. -3+00
C = ~~129~~ 130
F = 0

EXC. = ~~129.6~~ 144
EMB. = 0
STA. -3+50
C = ~~83~~ 86
F = 0

EXC. = ~~79.6~~ 89
EMB. = 0
STA. -4+00
C = ~~57~~ 60
F = 0

EXC. = ~~22.9~~ 23
EMB. = 0
STA. -4+50
C = ~~29~~ 30
F = 0




EXC. = 0
EMB. = 203
STA. 1+66.81 12
C = 0
F = 133

EXC. = 0
EMB. = 238
STA. 1+26.81 12
C = 0
F = 141

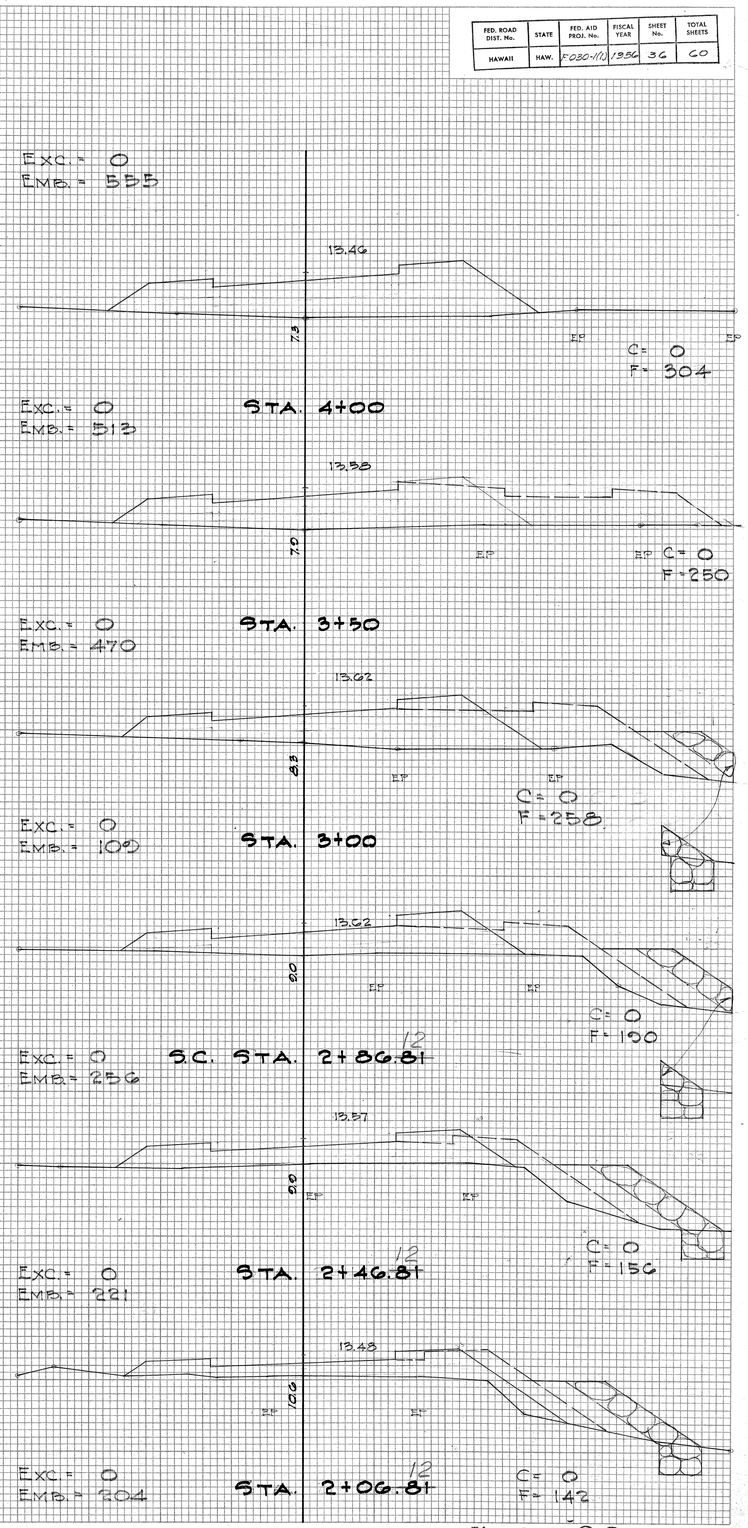
EXC. = 0
EMB. = 203
T.S. STA. 0+86.81 12
C = 0
F = 180

EXC. = ~~5.6~~ 6
EMB. = 302
STA. 0+50
C = 0
F = 250

EXC. = 15
EMB. = 260
STA. 0+00
C = 6
F = 173

EXC. = ~~25.0~~ 24
EMB. = 187
STA. -0+50
L. Inv. 7.8
R. Inv. 5.5
C = 8
F = 117

EXC. = ~~66.7~~ 74
EMB. = 107
STA. -1+00
C = ~~20~~ 25
F = 85




EXC. = 0
EMB. = 515
STA. 4+00
C = 0
F = 304

EXC. = 0
EMB. = 513
STA. 3+50
C = 0
F = 250

EXC. = 0
EMB. = 470
STA. 3+00
C = 0
F = 258

EXC. = 0
EMB. = 105
STA. 2+86.81 12 S.C.
C = 0
F = 100

EXC. = 0
EMB. = 256
STA. 2+46.81 12
C = 0
F = 156

EXC. = 0
EMB. = 204
STA. 2+06.81 12
C = 0
F = 142

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F-030-1(1) | 1956 | 37 | 60 |

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

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

STA. 7+02.92 (23)
EXC. = 0
EMB. = 508
11.00 — 6.0 — C = 0, F = 230

STA. 6+62.92 (23)
EXC. = 0
EMB. = 100
12.10 — 7.6 — C = 0, F = 186

STA. 6+50
EXC. = 0
EMB. = 100
12.25 — 7.6 — C = 0, F = 230

STA. 6+50
EXC. = 0
EMB. = 402
12.50 — 8.0 — C = 0, F = 204

STA. 6+00
EXC. = 0
EMB. = 384
12.75 — 8.0 — C = 0, F = 211

STA. 5+50
EXC. = 0
EMB. = 455
13.00 — 7.3 — C = 0, F = 280

STA. 5+00
EXC. = 0
EMB. = 532
13.25 — 7.0 — C = 0, F = 295

STA. 4+50

STA. 10+00
EXC. = 0
EMB. = 581
10.50 — 5.0 — C = 0, F = 194

STA. 9+50
EXC. = 0
EMB. = 415
10.75 — 5.7 — C = 0, F = 218

STA. 9+00
EXC. = 0
EMB. = 326
11.00 — 5.6 — C = 0, F = 230

STA. 8+62.92 (23)
EXC. = 0
EMB. = 409
11.19 — 5.5 — C = 0, F = 245

STA. 8+22.92 (23)
EXC. = 0
EMB. = 400
11.39 — 5.3 — C = 0, F = 307

STA. 7+82.92 (23)
EXC. = 0
EMB. = 400
11.59 — 4.7 — C = 0, F = 367

STA. 7+42.92 (23)
EXC. = 0
EMB. = 367
11.70 — 7.6 — C = 0, F = 266

STA. 7+42.92 (23)

STA. 13+00
EXC. = 0
EMB. = 501
2.00 — 4.5 — C = 0, F = 162

STA. 13+00
EXC. = 0
EMB. = 339
0.25 — 4.8 — C = 0, F = 204

STA. 12+50
EXC. = 0
EMB. = 260
0.50 — 4.8 — C = 0, F = 185

STA. 12+00
EXC. = 0
EMB. = 357
0.75 — 4.9 — C = 0, F = 201

STA. 11+50
EXC. = 0
EMB. = 356
10.00 — 5.1 — C = 0, F = 184

STA. 11+00
EXC. = 0
EMB. = 348
10.25 — 5.4 — C = 0, F = 192

STA. 10+50
EXC. = 0
EMB. = 357



5795.37

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(1) | 1956 | 38 | 60 |

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

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

STA. 16+50
Exc. = 0
Emb. = 221
C = 0
F = 136

STA. 16+00
Exc. = 0
Emb. = 220
C = 0
F = 103

STA. 15+50
Exc. = 0
Emb. = 200
C = 0
F = 135

STA. 15+05
Exc. = 0
Emb. = 236
C = 0
F = 105

STA. 14+50
Exc. = 0
Emb. = 247
C = 0
F = 127

STA. 14+00
Exc. = 0
Emb. = 231
C = 0
F = 140

STA. 13+50
Exc. = 0
Emb. = 212
C = 0
F = 163

STA. 20+00
Exc. = 0
Emb. = 290
C = 0
F = 194

STA. 19+50
Exc. = 0
Emb. = 220
C = 0
F = 126

STA. 19+00
Exc. = 0
Emb. = 208
C = 0
F = 112

STA. 18+50
Exc. = 0
Emb. = 274
C = 0
F = 113

STA. 18+00
Exc. = 0
Emb. = 330
C = 0
F = 183

STA. 17+50
Exc. = 0
Emb. = 246
C = 0
F = 173

STA. 17+00
Exc. = 0
Emb. = 212
C = 0
F = 93

STA. 23+00
Exc. = 0
Emb. = 510
C = 0
F = 273

STA. 22+50
Exc. = 0
Emb. = 465
C = 0
F = 220

STA. 22+00
Exc. = 0
Emb. = 443
C = 0
F = 249

STA. 21+50
Exc. = 0
Emb. = 441
C = 0
F = 227

STA. 21+00
Exc. = 0
Emb. = 355
C = 0
F = 183

STA. 20+50
Exc. = 0
Emb. = 365
C = 0
F = 200

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

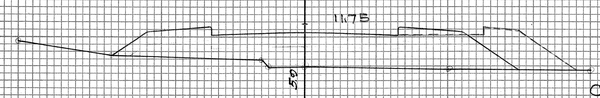
5795.38

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(11) | 1956 | 35 | 60 |

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

ORIGINAL SURVEY — DATE / BY: H.G. H.G. / SURVEYED / PLOTTED / TEMPLATE / AREAS & VOLS. / AREAS CHECKED / NOTE BOOK / NO.

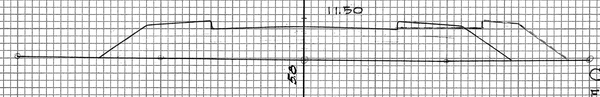
Exc. = 0
Emb. = 432




C = 0
F = 227

STA. 26+50

Exc. = 0
Emb. = 454




C = 0
F = 240

STA. 26+00

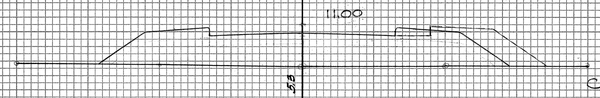
Exc. = 0
Emb. = 451




C = 0
F = 250

STA. 25+50

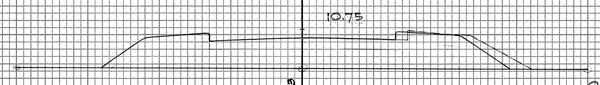
Exc. = 0
Emb. = 437




C = 0
F = 237

STA. 25+00

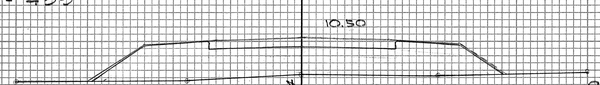
Exc. = 0
Emb. = 438




C = 0
F = 230

STA. 24+50

Exc. = 0
Emb. = 439




C = 0
F = 232

STA. 24+00

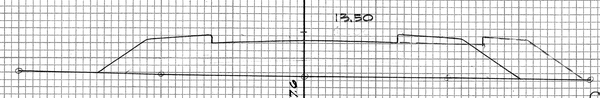
Exc. = 0
Emb. = 472




C = 0
F = 278

STA. 23+50

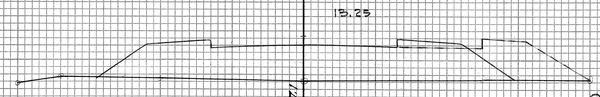
Exc. = 0
Emb. = 489




C = 0
F = 267

STA. 30+00

Exc. = 0
Emb. = 433




C = 0
F = 261

STA. 29+50

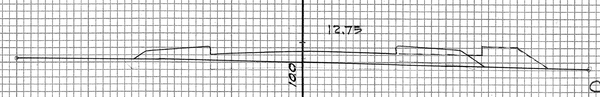
Exc. = 0
Emb. = 269




C = 0
F = 207

STA. 29+00

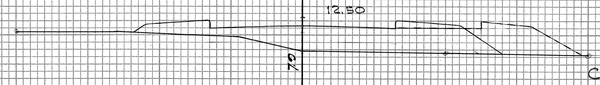
Exc. = 0
Emb. = 214




C = 0
F = 84

STA. 28+50

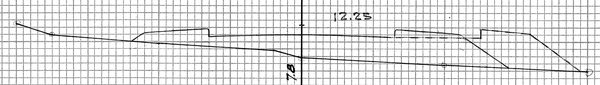
Exc. = 0
Emb. = 287




C = 0
F = 147

STA. 28+00

Exc. = 0
Emb. = 363




C = 0
F = 163

STA. 27+50

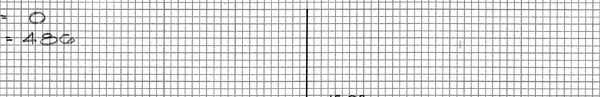
Exc. = 0
Emb. = 424




C = 0
F = 231

STA. 27+00

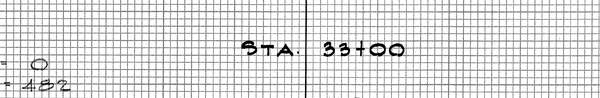
Exc. = 0
Emb. = 486




C = 0
F = 226

STA. 33+00

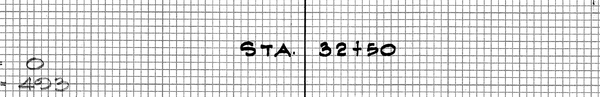
Exc. = 0
Emb. = 482




C = 0
F = 265

STA. 32+50

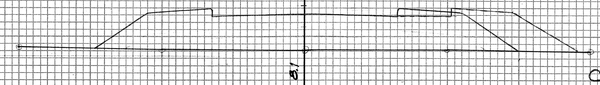
Exc. = 0
Emb. = 493




C = 0
F = 267

STA. 32+00

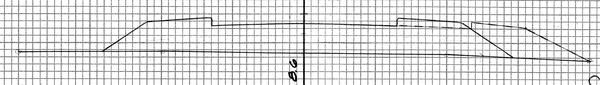
Exc. = 0
Emb. = 502




C = 0
F = 275

STA. 31+50

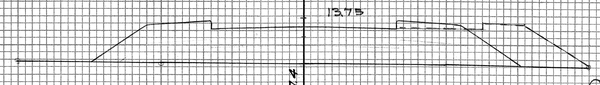
Exc. = 0
Emb. = 468




C = 0
F = 290

STA. 31+00

Exc. = 0
Emb. = 479




C = 0
F = 287

STA. 30+50

Exc. = 0
Emb. = 513

*Note: Broken lines for Road & Design Lanes not plotted on original section.*

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

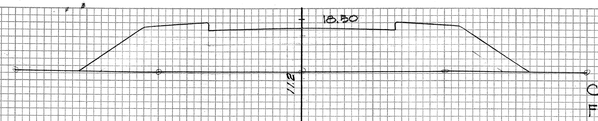
5795 • 39

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(1) | 1956 | 40 | 60 |

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

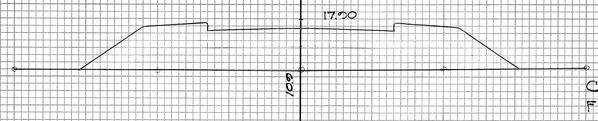
ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY H.G. H.G. — DATE

**STA. 36+50**



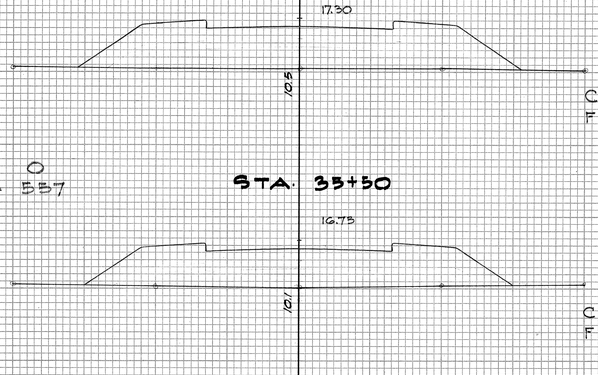

EXC. = 0
EMB. = 601
C = 0
F = 335

**STA. 36+00**




EXC. = 0
EMB. = 580
C = 0
F = 314

**STA. 35+50**




EXC. = 0
EMB. = 557
C = 0
F = 312

**STA. 35+00**



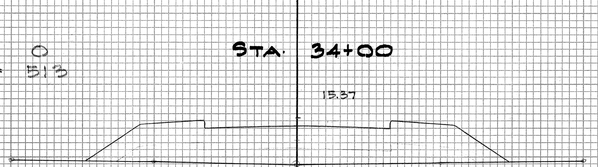

EXC. = 0
EMB. = 599
C = 0
F = 290

**STA. 34+50**



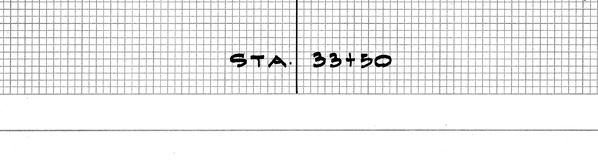

EXC. = 0
EMB. = 534
C = 0
F = 282

**STA. 34+00**



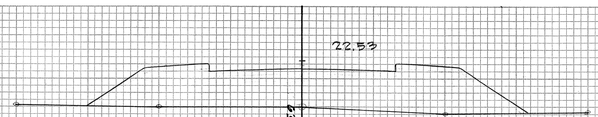

EXC. = 0
EMB. = 519
C = 0
F = 285

**STA. 33+50**



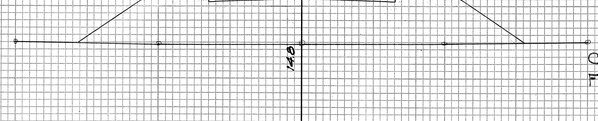

C = 0
F = 266

**STA. 40+00**



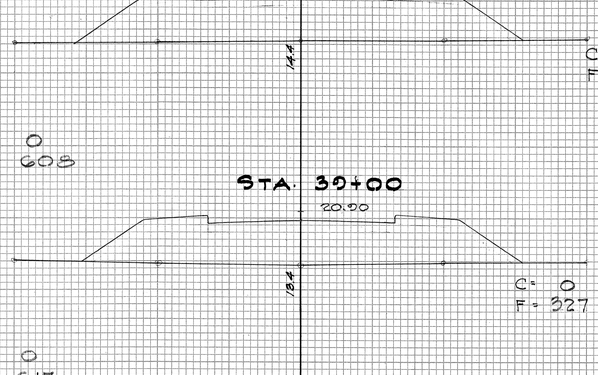

EXC. = 0
EMB. = 596
C = 0
F = 310

**STA. 39+50**



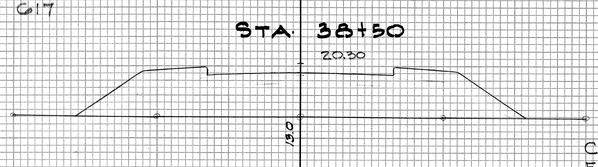

EXC. = 0
EMB. = 615
C = 0
F = 334

**STA. 39+00**



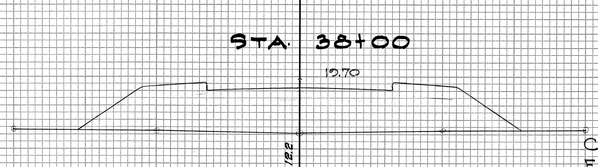

EXC. = 0
EMB. = 608
C = 0
F = 330

**STA. 38+50**



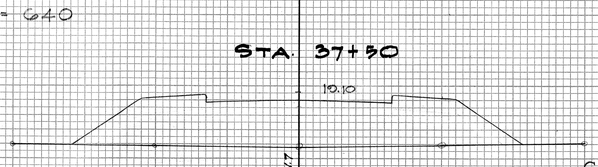

EXC. = 0
EMB. = 617
C = 0
F = 327

**STA. 38+00**



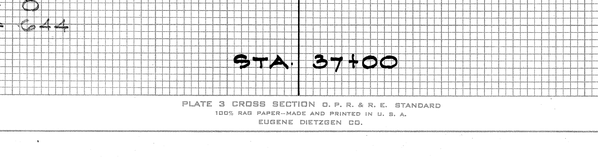

EXC. = 0
EMB. = 620
C = 0
F = 339

**STA. 37+50**



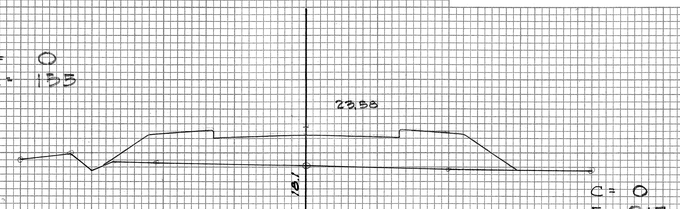

EXC. = 0
EMB. = 640
C = 0
F = 331

**STA. 37+00**




EXC. = 0
EMB. = 644
C = 0
F = 360

**STA. 43+00**



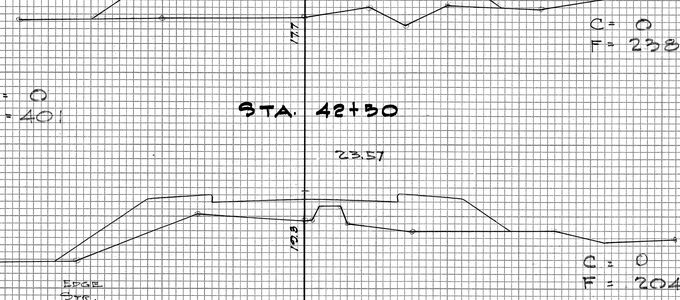

EXC. = 0
EMB. = 155
C = 0
F = 217

**STA. 42+50**




EXC. = 0
EMB. = 421
C = 0
F = 238

**STA. 42+01**




EXC. = 0
EMB. = 401
C = 0
F = 204

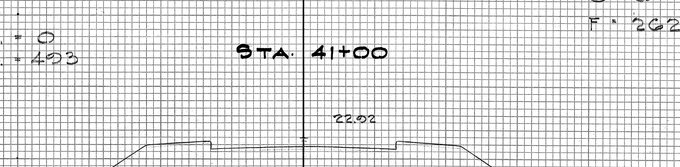
42 + 04.74
BRIDGE (Twin 14'-6" x 8'-6" Conc. Box Culvt.)
41 + 60.62

**STA. 41+50**



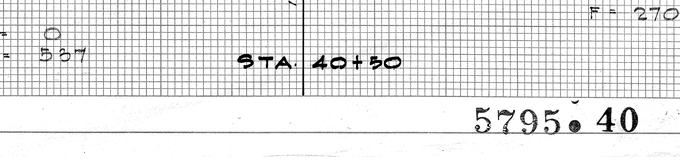

EXC. = 0
EMB. = 505
C = 0
F = 283

**STA. 41+00**




EXC. = 0
EMB. = 493
C = 0
F = 262

**STA. 40+50**

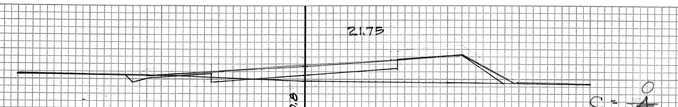



EXC. = 0
EMB. = 537
C = 0
F = 270

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(1) | 1956 | 41 | 60 |

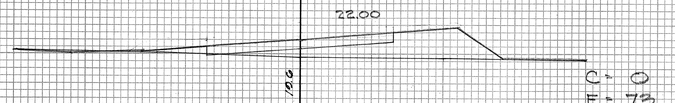
FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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



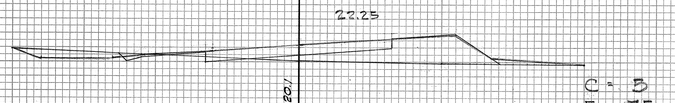

EXC. = 0
EMB. = 117

STA. 47+00



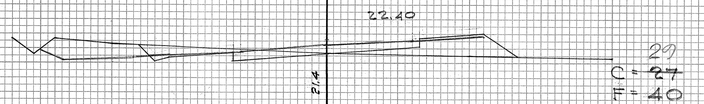

EXC. = 4.6 → 5
EMB. = 137

STA. 46+50



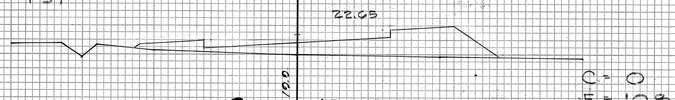

EXC. = 19.0 → 18
EMB. = 64

STA. 46+00



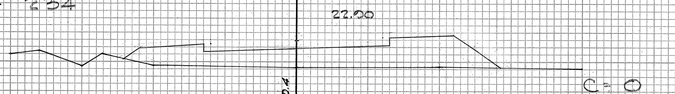

EXC. = 25
EMB. = 137

S.C. STA. 45+69.86



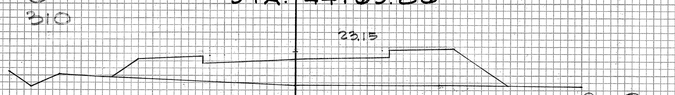

EXC. = 0
EMB. = 234

STA. 45+19.86



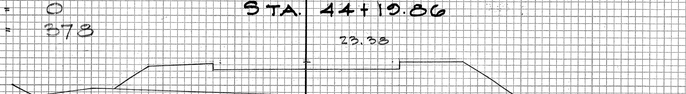

EXC. = 0
EMB. = 310

STA. 44+69.86



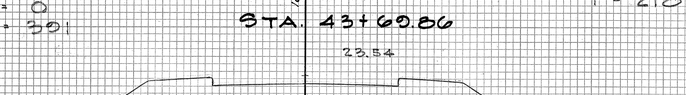

EXC. = 0
EMB. = 378

STA. 44+19.86

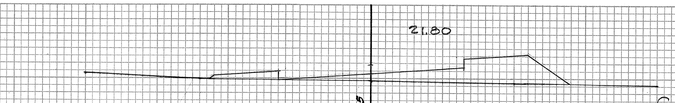



EXC. = 0
EMB. = 391

STA. 43+69.86

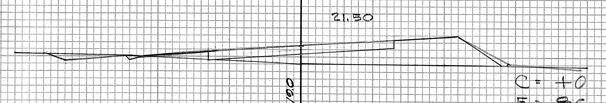



T.S. STA. 43+19.86



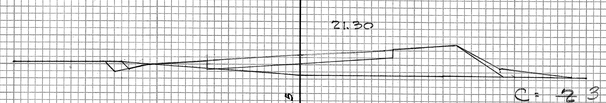

EXC. = 0 → 1
EMB. = 141

STA. 50+50



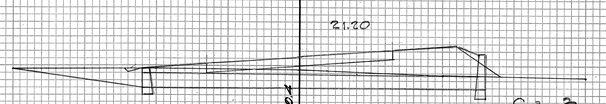

EXC. = 2.8 → 3
EMB. = 170

STA. 50+00



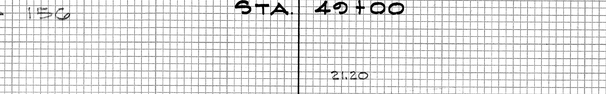

EXC. = 5.6 → 5
EMB. = 153

STA. 49+50



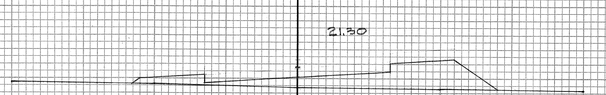

EXC. = 2.8 → 3
EMB. = 156

STA. 49+00




EXC. = 0
EMB. = 177

STA. 48+50



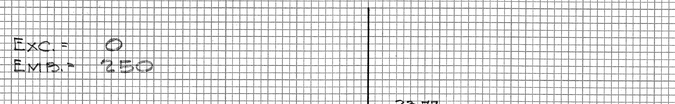

EXC. = 0
EMB. = 147

STA. 48+00




EXC. = 4
EMB. = 113

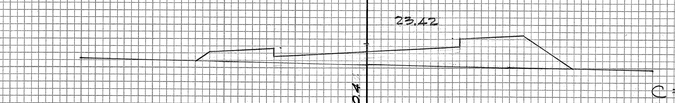
STA. 47+50




EXC. = 0
EMB. = 250

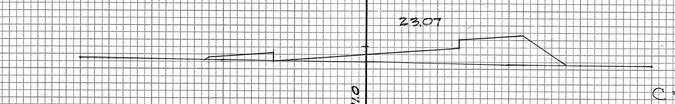
EXC. = 0
EMB. = 221

STA. 53+31.53




EXC. = 0
EMB. = 188

STA. 52+81.53



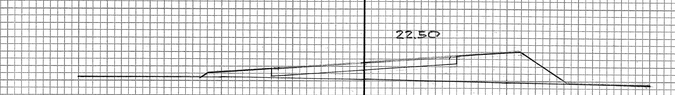

EXC. = 0
EMB. = 110

C.S. STA. 52+31.53



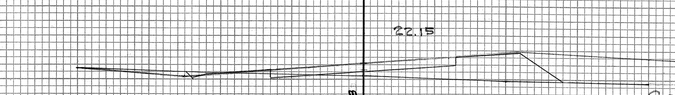

EXC. = 0
EMB. = 101

STA. 52+00




EXC. = 10.8 → 10
EMB. = 162

STA. 51+50




EXC. = 2.8 → 3
EMB. = 135

STA. 51+00

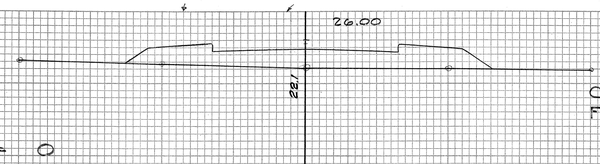
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

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| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030(11)/1960 | | 48 | 60 |

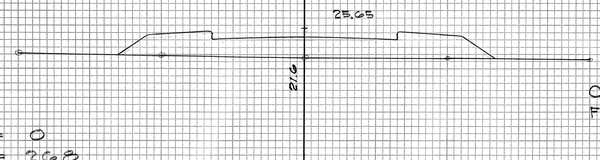
FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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



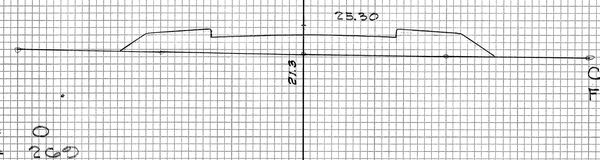

C = 0
F = 121
EXC. = 0
EMB. = 247

STA. 56+50



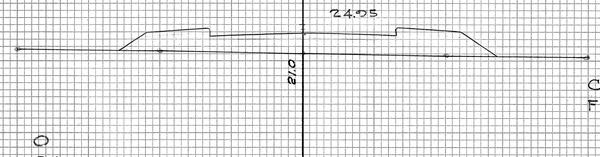

C = 0
F = 140
EXC. = 0
EMB. = 268

STA. 56+00



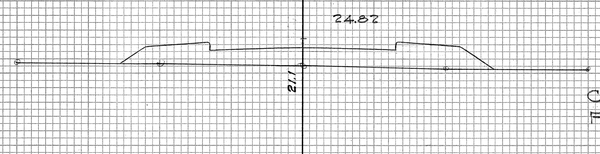

C = 0
F = 143
EXC. = 0
EMB. = 290

STA. 55+50



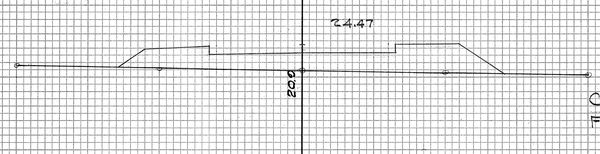

C = 0
F = 148
EXC. = 0
EMB. = 96

STA. 55+00



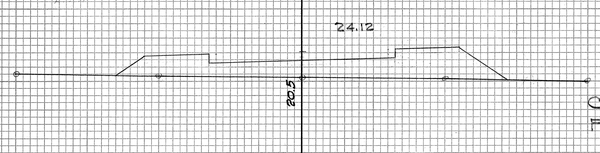

C = 0
F = 134
EXC. = 0
EMB. = 266

S.T STA. 54+81.53




C = 0
F = 133
EXC. = 0
EMB. = 276

STA. 54+31.53




C = 0
F = 145

STA. 53+81.53



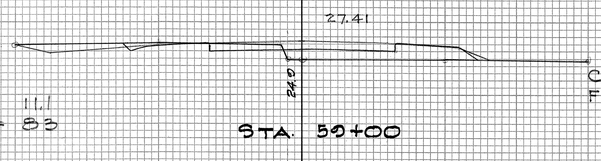

C = 0
F = 73
EXC. = 11.1
EMB. = 77.7

STA. 60+00



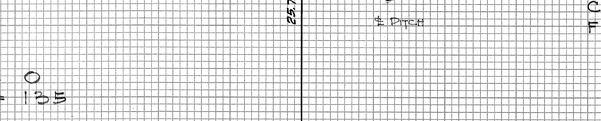

C = 12
F = 10
EXC. = 22.2
EMB. = 50

STA. 59+50



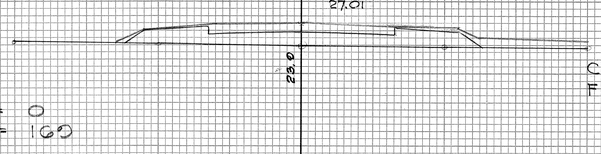

C = 12
F = 44
EXC. = 11.1
EMB. = 80

STA. 59+00



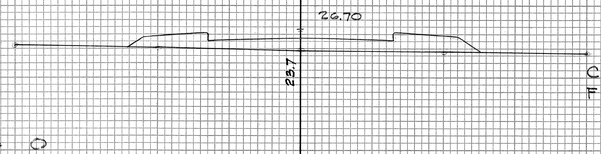

C = 0
F = 46
EXC. = 0
EMB. = 135

STA. 58+50



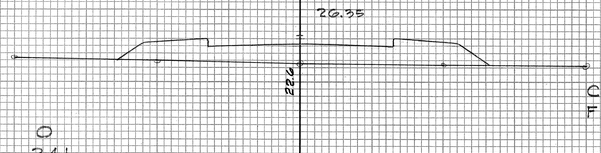

C = 0
F = 100
EXC. = 0
EMB. = 160

STA. 58+00




C = 0
F = 83
EXC. = 0
EMB. = 206

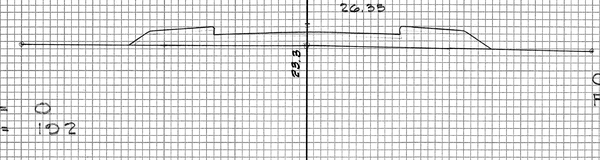
STA. 57+50




C = 0
F = 130
EXC. = 0
EMB. = 241

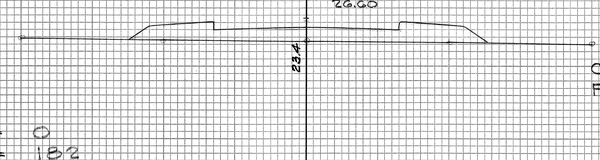
STA. 57+00

EXC. = 0
EMB. = 201



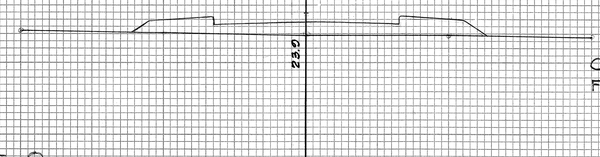

C = 0
F = 103
EXC. = 0
EMB. = 102

STA. 63+00



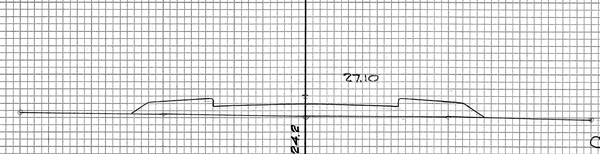

C = 0
F = 104
EXC. = 0
EMB. = 182

STA. 62+50



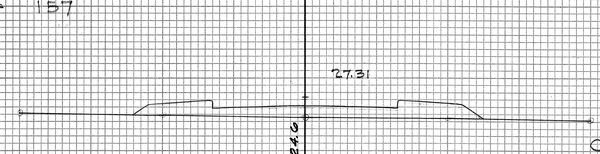

C = 0
F = 93
EXC. = 0
EMB. = 166

STA. 62+00



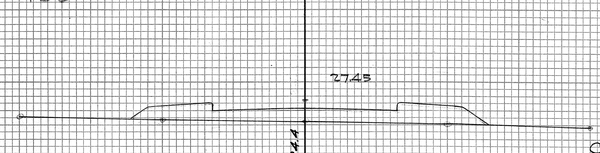

C = 0
F = 86
EXC. = 0
EMB. = 157

STA. 61+50




C = 0
F = 84
EXC. = 0
EMB. = 169

STA. 61+00




C = 0
F = 98
EXC. = 0
EMB. = 158

STA. 60+50

PLATE 3 CROSS SECTION D. P. R. & R. E. STANDARD
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| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030(11) | 1956 | 43 | 60 |

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

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

STA. 66+50
EXC. = 0
EMB. = 162
C = 0
F = 71

STA. 66+00
EXC. = 0
EMB. = 161
C = 0
F = 104

STA. 65+50
EXC. = 0
EMB. = 120
C = 0
F = 70

STA. 65+00
EXC. = 0
EMB. = 113
C = 0
F = 60

STA. 64+50
EXC. = 0
EMB. = 156
C = 0
F = 62

STA. 64+00
EXC. = 0
EMB. = 204
C = 0
F = 106

STA. 63+50
EXC. = 0
EMB. = 114
C = 0
F = 114

STA. 70+00
EXC. = 0
EMB. = 163
C = 0
F = 105

STA. 69+50
EXC. = 44.4
EMB. = 105
C = 0
F = 71

STA. 69+00
EXC. = 65.7 — 65
EMB. = 90
C = 48
F = 42

STA. 68+50
EXC. = 45.4 — 44
EMB. = 60
C = 23
F = 55

STA. 68+00
EXC. = 24.1
EMB. = 46
C = 20
F = 20

STA. 67+50
EXC. = 0
EMB. = 110
C = 0
F = 30

STA. 67+00
EXC. = 0
EMB. = 157
C = 0
F = 55

STA. 73+19
EXC. = 0
EMB. = 99
C = 0
F = 77

STA. 72+50
EXC. = 0
EMB. = 217
C = 0
F = 93

STA. 71+25
EXC. = 0
EMB. = 134
C = 0
F = 88

STA. 71+50
EXC. = 0
EMB. = 123
C = 0
F = 60

STA. 71+00
EXC. = 71
EMB. = 56
C = 77
F = 0

STA. 70+50
EXC. = 71
EMB. = 104
C = 0
F = 112

STA. 70+25
EXC. = 0
EMB. = 201

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| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030(11) | 1956 | 44 | 60 |

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

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, NOTE BOOK, AREAS CHECKED, NO. — BY, DATE — A. F. S. & S. Lucas — H.S. — T.N.

28.60 / 29.5 — C = 0, F = 52
EXC. = 0, EMB. = 116
**STA. 76+50**

28.35 / 28.6 — C = 0, F = 73
EXC. = 0, EMB. = 132
**STA. 76+00**

28.10 / 25.3 — C = 0, F = 70
EXC. = 0, EMB. = 146
**STA. 75+50**

27.85 / 25.2 — C = 0, F = 88
EXC. = 0, EMB. = 176
**STA. 75+00**

27.60 / 24.8 — C = 0, F = 102
EXC. = 0, EMB. = 196
**STA. 74+50**

27.35 / 24.2 — C = 0, F = 110
EXC. = 0, EMB. = 191
**STA. 74+00**

27.10 / 24.5 — C = 0, F = 56
**STA. 73+50**

20.04 / 26.7 — C = 1, F = 19
EXC. = 2, EMB. = 31
**STA. 80+00**

20.02 / 26.4 — C = 1, F = 15
EXC. = 2, EMB. = 24
**STA. 79+50**

20.80 / 26.5 — C = 1, F = 11
EXC. = 13, EMB. = 17
**STA. 79+00**

20.60 / 26.5 — C = 13, F = 7
EXC. = 25, EMB. = 12
**STA. 78+50**

20.35 / 26.3 — C = 14, F = 6
EXC. = 14, EMB. = 17
**STA. 78+00**

20.10 / 27.7 — C = 1, F = 12
EXC. = 1, EMB. = 69
**STA. 77+50**

29.85 / 26.5 — C = 0, F = 63
EXC. = 0, EMB. = 106
**STA. 77+00**

EXC. = 0, EMB. = 135
28.20 / 25.2 — C = 0, F = 117
**STA. 83+00**

EXC. = 0, EMB. = 220
28.72 / 25.7 — C = 0, F = 121
**STA. 82+50**

EXC. = 0, EMB. = 223
20.14 / 26.1 — C = 0, F = 120
**STA. 82+00**

EXC. = 0, EMB. = 194
20.43 / 26.3 — C = 0, F = 126
**P.C. STA. 81+57.36**

EXC. = 0, EMB. = 240
20.72 / 27.1 — C = 0, F = 100
**STA. 81+00**

EXC. = 0, EMB. = 131
20.88 / 25.2 — C = 0, F = 42
EXC. = 1, EMB. = 56
**STA. 80+50**

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(1) | 1956 | 45 | 60 |

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
H.G.
FINAL

STA. 86+50
EXC. = 0
EMB. = 124
C = 0
F = 75
21.3
23.70

STA. 86+00
EXC. = 0
EMB. = 131
C = 0
F = 70
22.1
24.35

STA. 85+50
EXC. = 0
EMB. = 126
C = 0
F = 172
22.7
25.00

STA. 85+00
EXC. = 0
EMB. = 129
C = 0
F = 64
23.5
25.65

STA. 84+50
EXC. = 1
EMB. = 106
C = 0
F = 75
24.1
26.30

STA. 84+00
EXC. = 1
EMB. = 123
C = 1
F = 39
25.6
28.05

STA. 83+50
C = 0
F = 94
24.5
27.60

STA. 90+00
EXC. = 0
EMB. = 212
C = 0
F = 110
19.2
19.15

STA. 89+50
EXC. = 0
EMB. = 222
C = 0
F = 113
18.6
19.80

STA. 89+00
EXC. = 0
EMB. = 206
C = 0
F = 127
17.5
20.45

STA. 88+50
EXC. = 0
EMB. = 176
C = 0
F = 66
18.5
21.10

STA. 88+00
EXC. = 0
EMB. = 162
C = 0
F = 94
19.0
21.75

STA. 87+50
EXC. = 0
EMB. = 168
C = 0
F = 91
20.0
22.40

STA. 87+00
EXC. = 0
EMB. = 162
C = 0
F = 100
20.4
23.05

STA. 93+00
EXC. = 0
EMB. = 220
C = 0
F = 130
11.4
15.25

STA. 92+50
EXC. = 0
EMB. = 243
C = 0
F = 132
12.0
15.90

STA. 92+00
EXC. = 0
EMB. = 274
C = 0
F = 164
12.5
16.55

STA. 91+50
EXC. = 0
EMB. = 283
C = 0
F = 152
13.4
17.20

STA. 91+00
EXC. = 0
EMB. = 289
C = 0
F = 154
14.1
17.85

STA. 90+50
EXC. = 0
EMB. = 250
C = 0
F = 120
13.9
18.50

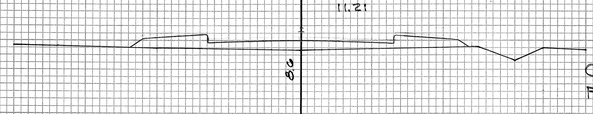
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| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F050(11)1956 | 46 | 60 | |

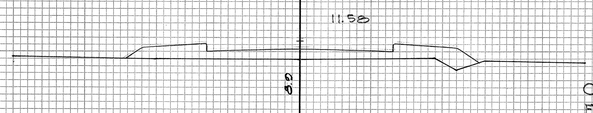
FINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE — 7-52



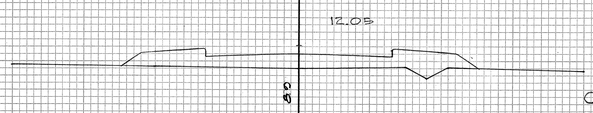

EXC. = 0
EMB. = 106

STA. 96+50



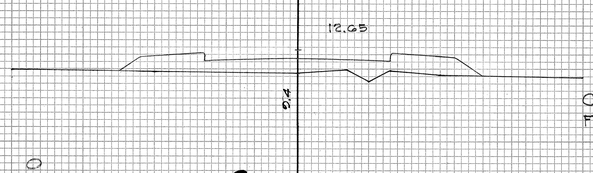

EXC. = 0
EMB. = 145

STA. 96+00



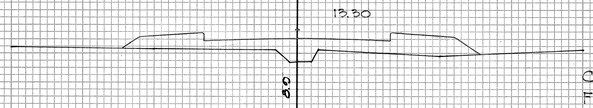

EXC. = 0
EMB. = 182

STA. 95+50



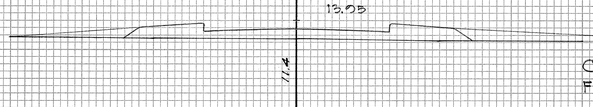

EXC. = 0
EMB. = 199

STA. 95+00




EXC. = 0
EMB. = 171

STA. 94+50

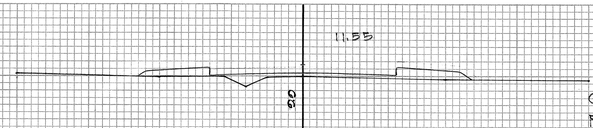



EXC. = 0
EMB. = 169

STA. 94+00

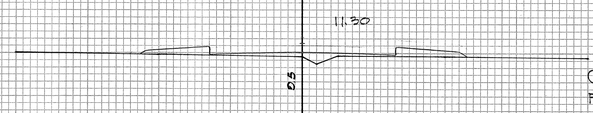



STA. 93+50



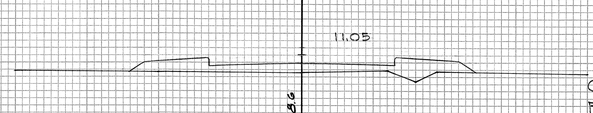

EXC. = 0
EMB. = 62

STA. 100+00



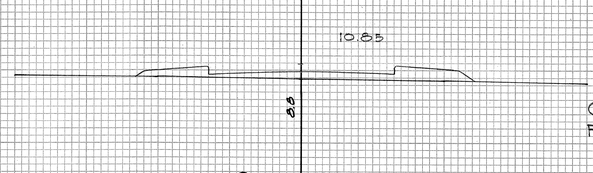

EXC. = 0
EMB. = 90

STA. 99+50



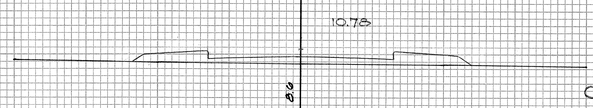

EXC. = 0
EMB. = 111

STA. 99+00



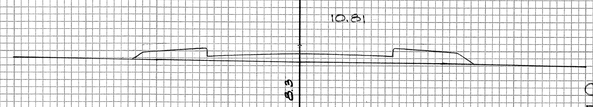

EXC. = 0
EMB. = 56

STA. 98+50




EMB. = 0
EXC. = 54

STA. 98+00




EXC. = 0
EMB. = 117

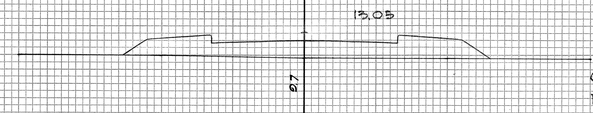
STA. 97+50




EXC. = 0
EMB. = 117

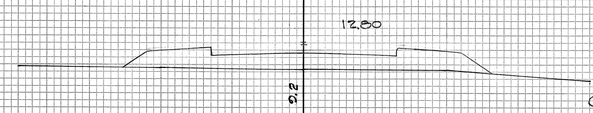
STA. 97+00

EXC. = 0
EMB. = 104



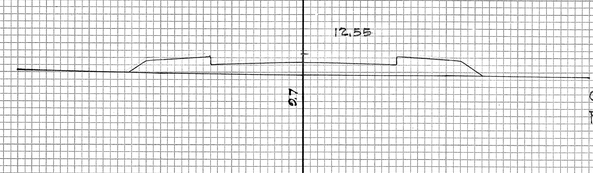

STA. 103+00

EXC. = 0
EMB. = 210



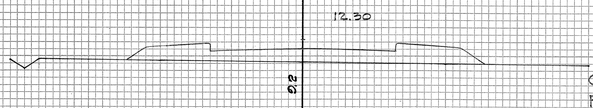

STA. 102+50

EXC. = 0
EMB. = 178



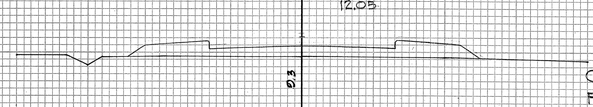

STA. 102+00

EXC. = 0
EMB. = 161



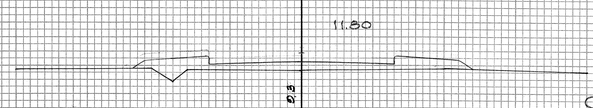

STA. 101+50

EXC. = 0
EMB. = 162




STA. 101+00

EXC. = 0
EMB. = 132




EXC. = 0
EMB. = 91

STA. 100+50

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(11) | 1956 | 47 | 60 |

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

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

STA. 106+50
14.80
C = 0
F = 94
EXC. = 0
EMB. = 170

STA. 106+00
14.55
C = 0
F = 90
EXC. = 0
EMB. = 192

STA. 105+50
14.30
C = 0
F = 117
EXC. = 0
EMB. = 206

STA. 105+00
14.05
C = 0
F = 106
EXC. = 0
EMB. = 177

STA. 104+50
13.80
C = 0
F = 88
EXC. = 0
EMB. = 161

STA. 104+00
13.55
C = 0
F = 89
EXC. = 0
EMB. = 169

STA. 103+50
13.30
C = 0
F = 93
EXC. = 0
EMB. = 161

STA. 110+00
16.85
C = 0
F = 102
EXC. = 0
EMB. = 191

STA. 109+50
16.60
C = 0
F = 104
EXC. = 0
EMB. = 188

STA. 109+00
16.13
C = 0
F = 99
EXC. = 0
EMB. = 166

STA. 108+50
15.84
C = 0
F = 80
EXC. = 0
EMB. = 157

STA. 108+00
15.55
C = 0
F = 90
EXC. = 0
EMB. = 171

STA. 107+50
15.30
C = 0
F = 80
EXC. = 0
EMB. = 163

STA. 107+00
15.05
C = 0
F = 80
EXC. = 0
EMB. = 167

STA. 113+00
15.25
C = 0
F = 120
EXC. = 0
EMB. = 208

STA. 112+50
18.85
C = 0
F = 105
EXC. = 0
EMB. = 182

STA. 112+00
18.45
C = 0
F = 92
EXC. = 0
EMB. = 162

STA. 111+50
18.05
C = 0
F = 83
EXC. = 0
EMB. = 153

STA. 111+00
17.65
C = 0
F = 84
EXC. = 0
EMB. = 150

STA. 110+50
17.25
C = 0
F = 78

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| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(10) | 1956 | 48 | 60 |

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 H. S. W. K. ENG., DATE

22.05 — 20.0 — C = 0, F = 55
EXC. = 0, EMB. = 116
**STA. 116+50**

21.65 — 19.1 — C = 0, F = 70
EXC. = 0, EMB. = 128
**STA. 116+00**

21.25 — 18.6 — C = 0, F = 68
EXC. = 0, EMB. = 123
**STA. 115+50**

20.85 — 18.5 — C = 0, F = 70
EXC. = 0, EMB. = 139
**STA. 115+00**

20.45 — 17.9 — C = 0, F = 80
EXC. = 0, EMB. = 117
**STA. 114+50**

20.05 — 16.9 — C = 0, F = 105
EXC. = 0, EMB. = 100
**STA. 114+00**

19.65 — 18.3 — C = 0, F = 100
**STA. 113+50**

24.25 — 21.9 — C = 0, F = 100
EXC. = 0, EMB. = 190
**STA. 120+00**

24.00 — 20.9 — C = 0, F = 115
EXC. = 0, EMB. = 188
**STA. 119+50**

23.76 — 21.5 — C = 0, F = 100
EXC. = 0, EMB. = 170
**P.C. STA. 119+02.74**

23.40 — 21.2 — C = 0, F = 80
EXC. = 0, EMB. = 141
**STA. 118+50**

22.85 — 20.6 — C = 0, F = 70
EXC. = 0, EMB. = 101
**STA. 118+00.34**

22.75 — 21.1 — C = 0, F = 38
EXC. = 0, EMB. = 74
**STA. 117+50**

22.45 — 20.8 — C = 0, F = 42
EXC. = 0, EMB. = 90
**STA. 117+00**

25.75 — 22.5 — C = 0, F = 109
EXC. = 0, EMB. = 186
**STA. 123+00**

25.50 — 22.4 — C = 0, F = 92
EXC. = 0, EMB. = 169
**STA. 122+50**

25.25 — RD. — RD. — 22.7 — C = 0, F = 90
EXC. = 0, EMB. = 160
**STA. 122+00**

25.00 — RD. — 22.5 — C = 0, F = 93
EXC. = 0, EMB. = 180
**STA. 121+50**

24.75 — 22.1 — C = 0, F = 101
EXC. = 0, EMB. = 165
**STA. 121+00**

24.50 — 21.7 — C = 0, F = 99
EXC. = 0, EMB. = 164
**STA. 120+50**

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| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(1)1956 | 40 | 60 |

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

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED — BY H.G. & W.K. — DATE — NOTE BOOK — NO.

STA. 126+50
EXC. = 0
EMB. = 203
C = 0
F = 120

STA. 126+00
EXC. = 0
EMB. = 190
C = 0
F = 105

STA. 125+50
EXC. = 0
EMB. = 213
C = 0
F = 100

STA. 125+00
EXC. = 0
EMB. = 209
C = 0
F = 130

STA. 124+50
EXC. = 0
EMB. = 191
C = 0
F = 96

STA. 124+00
EXC. = 0
EMB. = 190
C = 0
F = 100

STA. 123+50
EXC. = 0
EMB. = 223
C = 0
F = 105

STA. 130+00
EXC. = 0
EMB. = 372
C = 0
F = 120

STA. 129+50
EXC. = 0
EMB. = 377
C = 0
F = 212

STA. 129+00
EXC. = 0
EMB. = 341
C = 0
F = 195

STA. 128+50
EXC. = 0
EMB. = 295
C = 0
F = 173

STA. 128+00
EXC. = 0
EMB. = 269
C = 0
F = 146

STA. 127+50
EXC. = 0
EMB. = 250
C = 0
F = 144

STA. 127+00
EXC. = 0
EMB. = 228
C = 0
F = 126

STA. 133+00
EXC. = 0
EMB. = 254
C = 0
F = 162

STA. 132+50
EXC. = 0
EMB. = 326
C = 0
F = 190

STA. 132+00
EXC. = 0
EMB. = 352
C = 0
F = 156

STA. 131+50
EXC. = 0
EMB. = 330
C = 0
F = 136

STA. 131+00
EXC. = 0
EMB. = 280
C = 0
F = 130

STA. 130+50
EXC. = 0
EMB. = 253
C = 0
F = 130

STA. 130+00
EXC. = 0
EMB. = 343
C = 0
F = 150

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

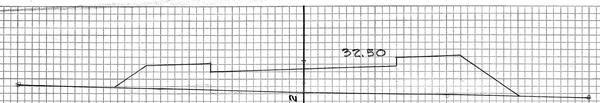
5795.49

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030(11) | 1956 | 50 | 60 |

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

ORIGINAL SURVEY — SURVEYED H. J. & W. K., PLOTTED H.N., TEMPLATE, NOTE BOOK, NO., AREAS CHECKED, DATE, BY

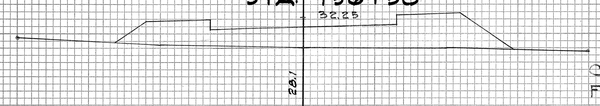
EXC. = 0
EMB. = 354




C = 0
F = 202

**STA. 136+50**

EXC. = 0
EMB. = 492




C = 0
F = 180

**STA. 136+00**

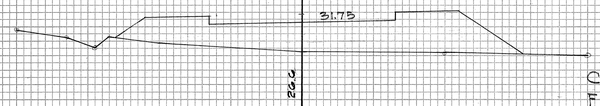
EXC. = 0
EMB. = 530




C = 0
F = 352

**STA. 135+50**

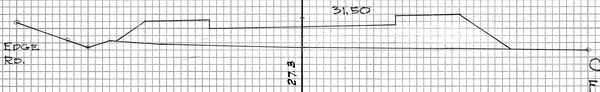
EXC. = 0
EMB. = 367




C = 0
F = 220

**STA. 135+00**

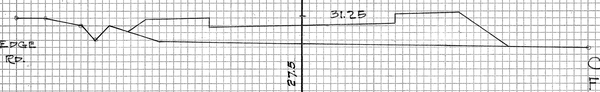
EXC. = 0
EMB. = 306




C = 0
F = 176

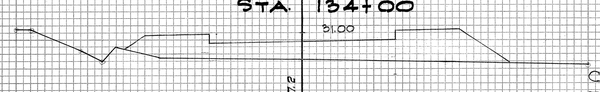
**STA. 134+50**

EXC. = 0
EMB. = 287




C = 0
F = 154

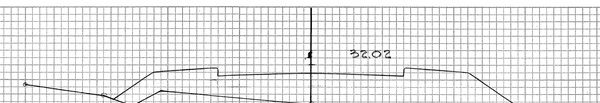
**STA. 134+00**




C = 0
F = 156

**STA. 133+50**

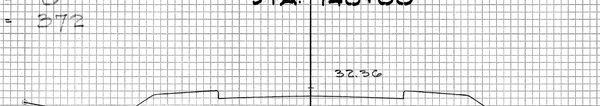
EXC. = 0
EMB. = 372




C = 0
F = 202

**STA. 140+00**

EXC. = 0
EMB. = 407




C = 0
F = 200

**STA. 139+50**

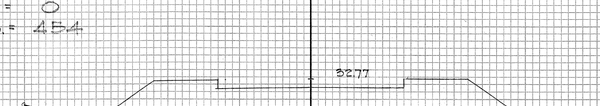
EXC. = 0
EMB. = 454




C = 0
F = 240

**STA. 139+00**

EXC. = 0
EMB. = 454




C = 0
F = 250

**STA. 138+50**

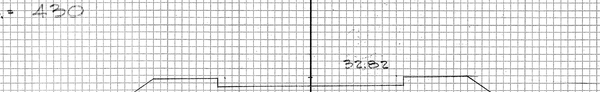
EXC. = 0
EMB. = 420




C = 0
F = 240

**STA. 138+00**

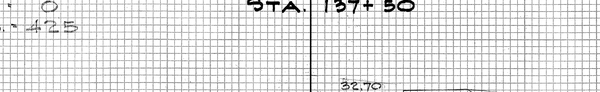
EXC. = 0
EMB. = 425




C = 0
F = 224

**STA. 137+50**

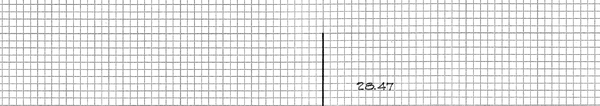
EXC. = 0
EMB. = 405




C = 0
F = 232

**STA. 137+00**

EXC. = 0
EMB. = 231




C = 0
F = 145

**STA. 143+00**

EXC. = 0
EMB. = 259




C = 0
F = 128

**STA. 142+50**

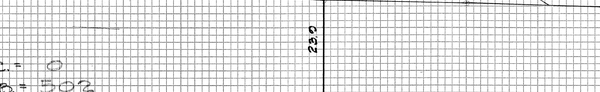
EXC. = 0
EMB. = 306




C = 0
F = 203

**STA. 142+00**

EXC. = 0
EMB. = 444




C = 0
F = 277

**STA. 141+50**

EXC. = 0
EMB. = 502




C = 0
F = 265

**STA. 141+00**

EXC. = 0
EMB. = 458




C = 0
F = 230

**STA. 140+50**

EXC. = 0
EMB. = 400

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
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5795 • 50

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F0830(11) | 1956 | 51 | 60 |

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

ORIGINAL SURVEY — SURVEYED H.G. & W.B. — PLOTTED H.G. — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

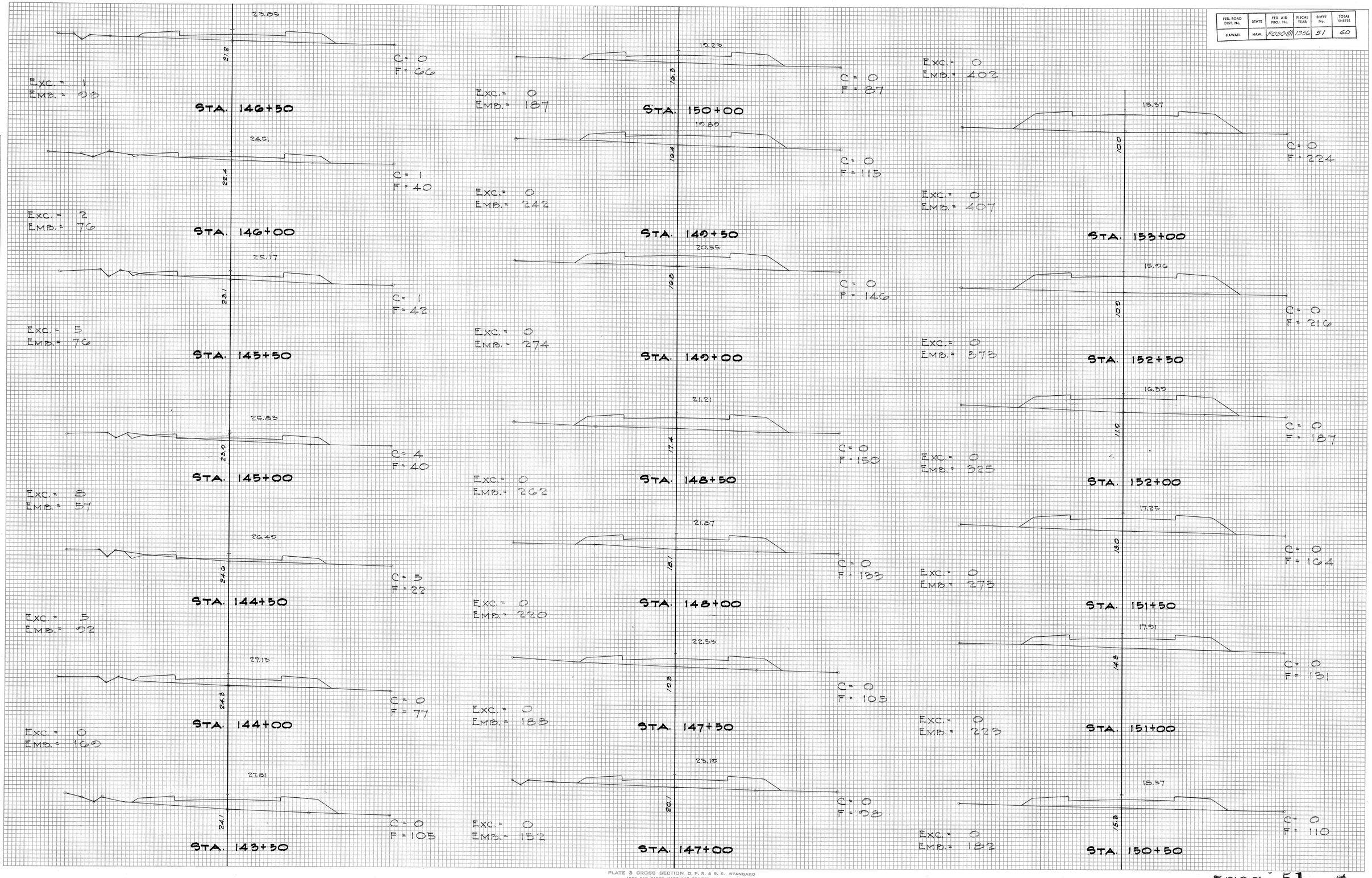


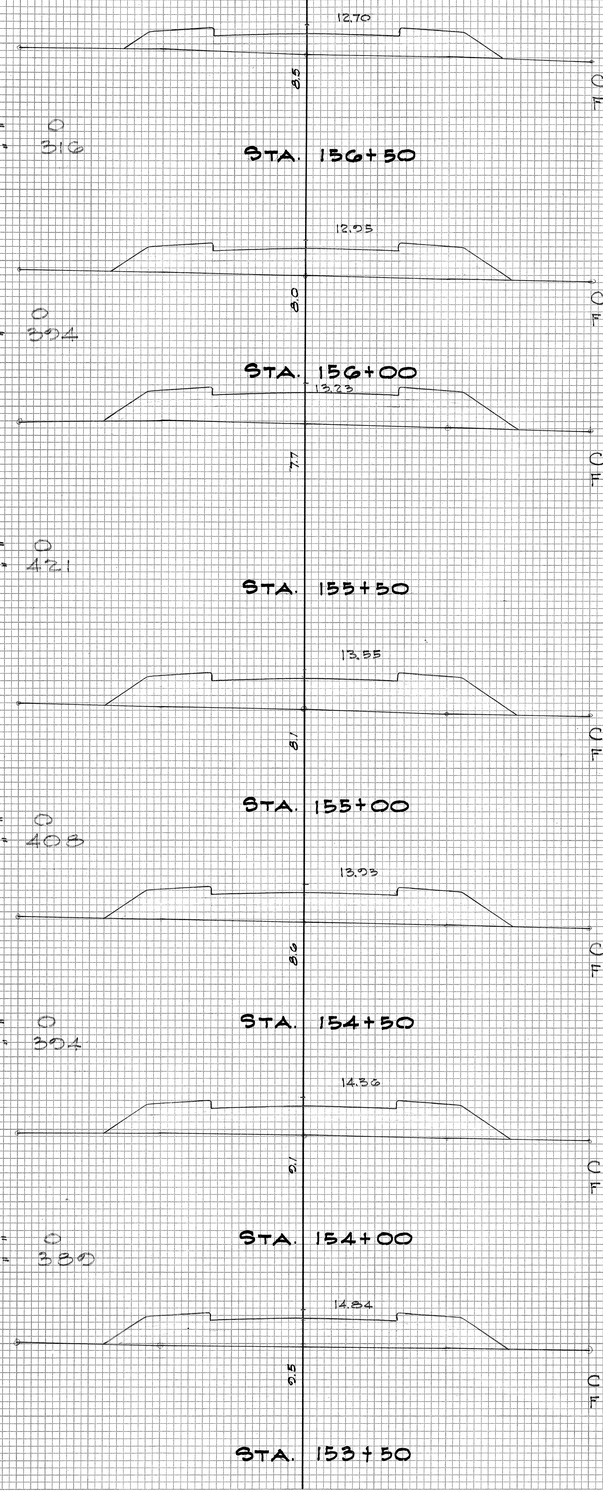

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

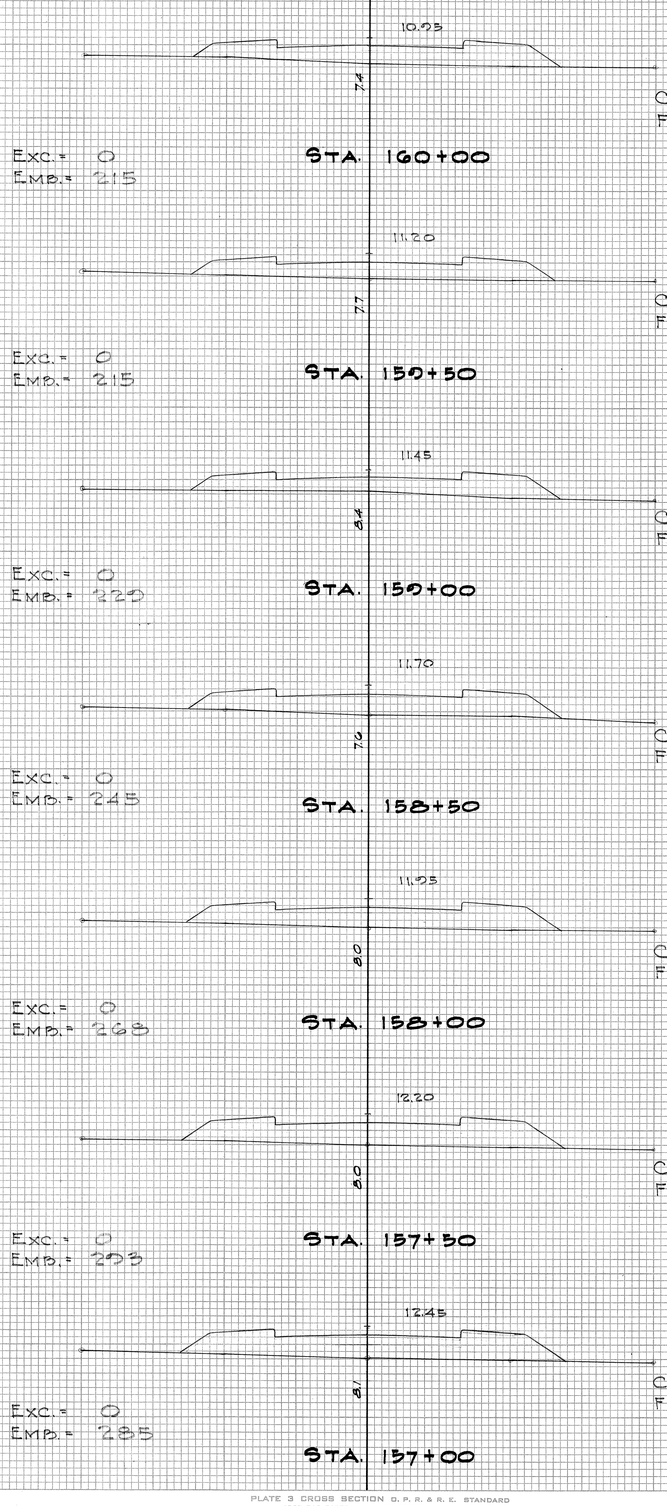
5795. 51

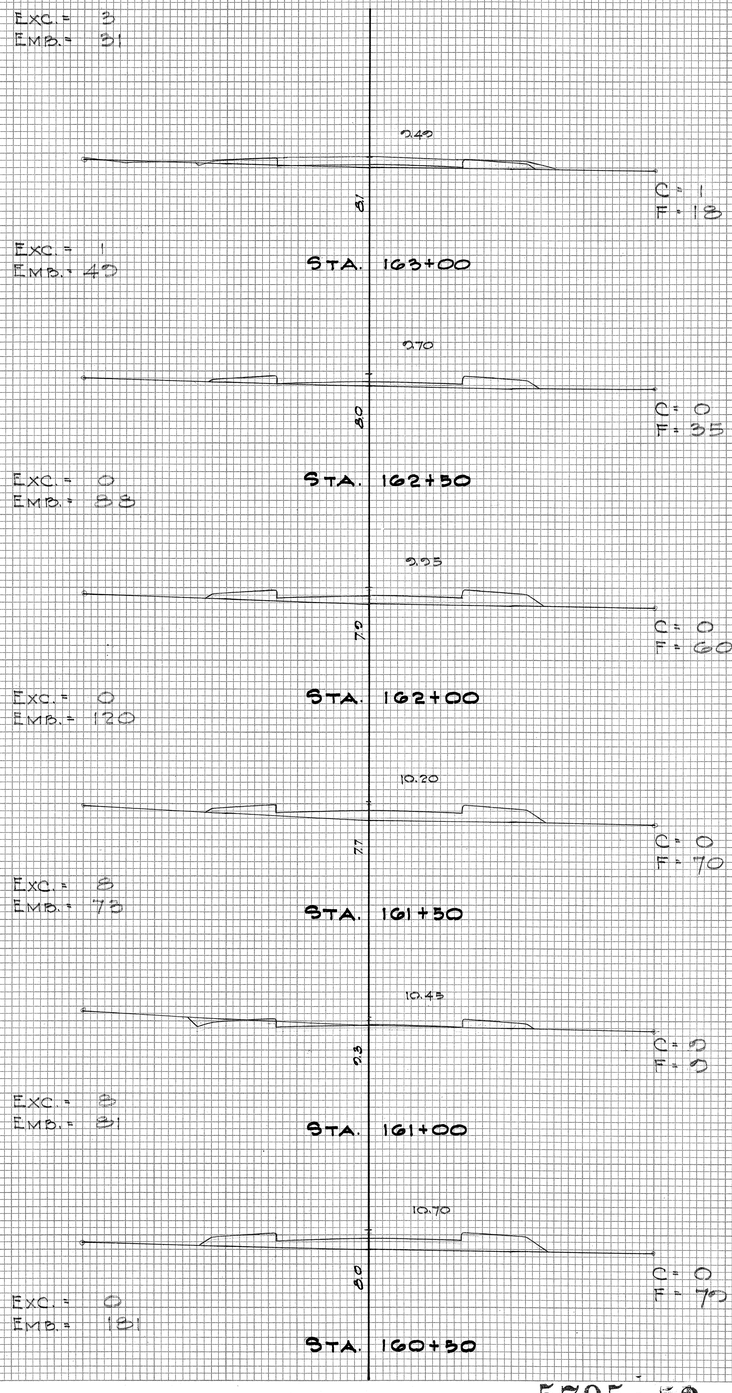
| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(1) | 1956 | 52 | 60 |

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

ORIGINAL SURVEY — DATE / BY: E.K. & V.S. / SURVEYED: 3-57 / PLOTTED: 4-57 / TEMPLATE / NOTE BOOK / AREAS CHECKED / NO.



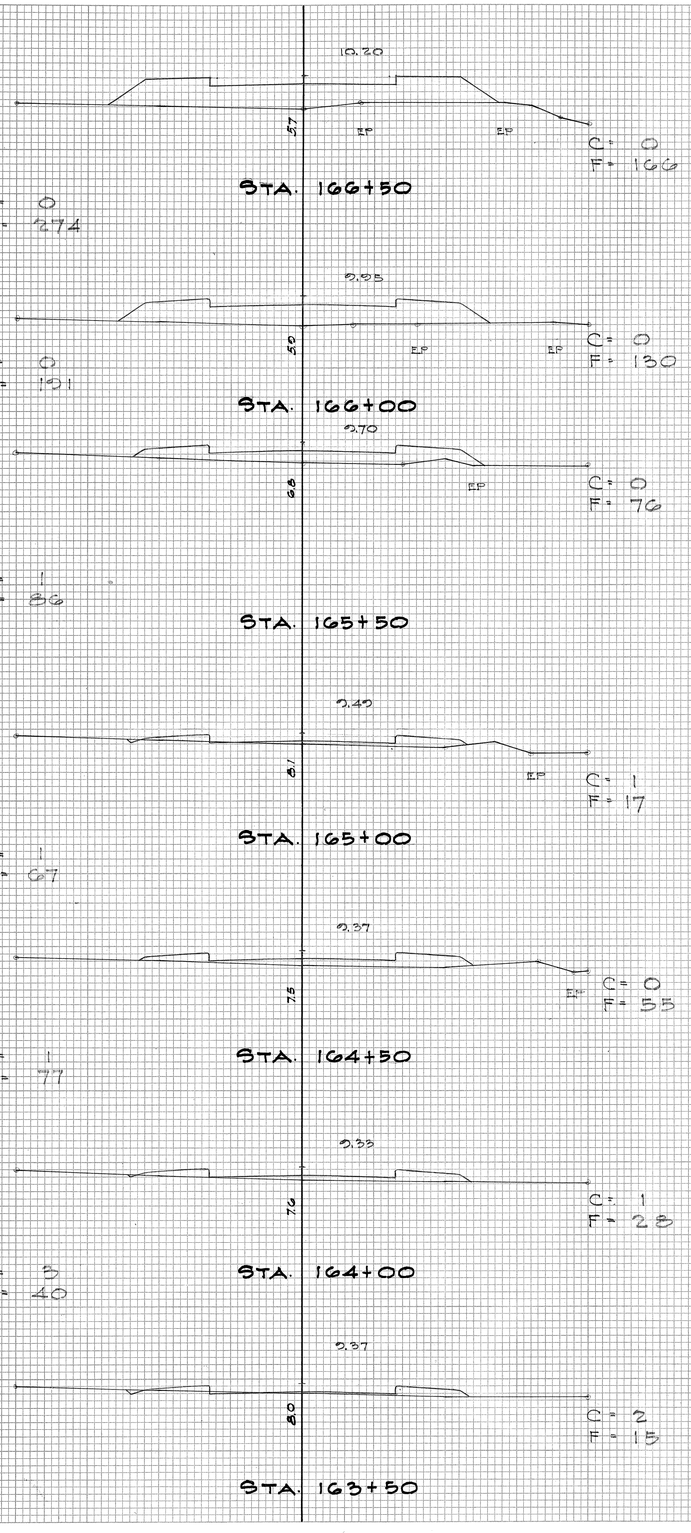



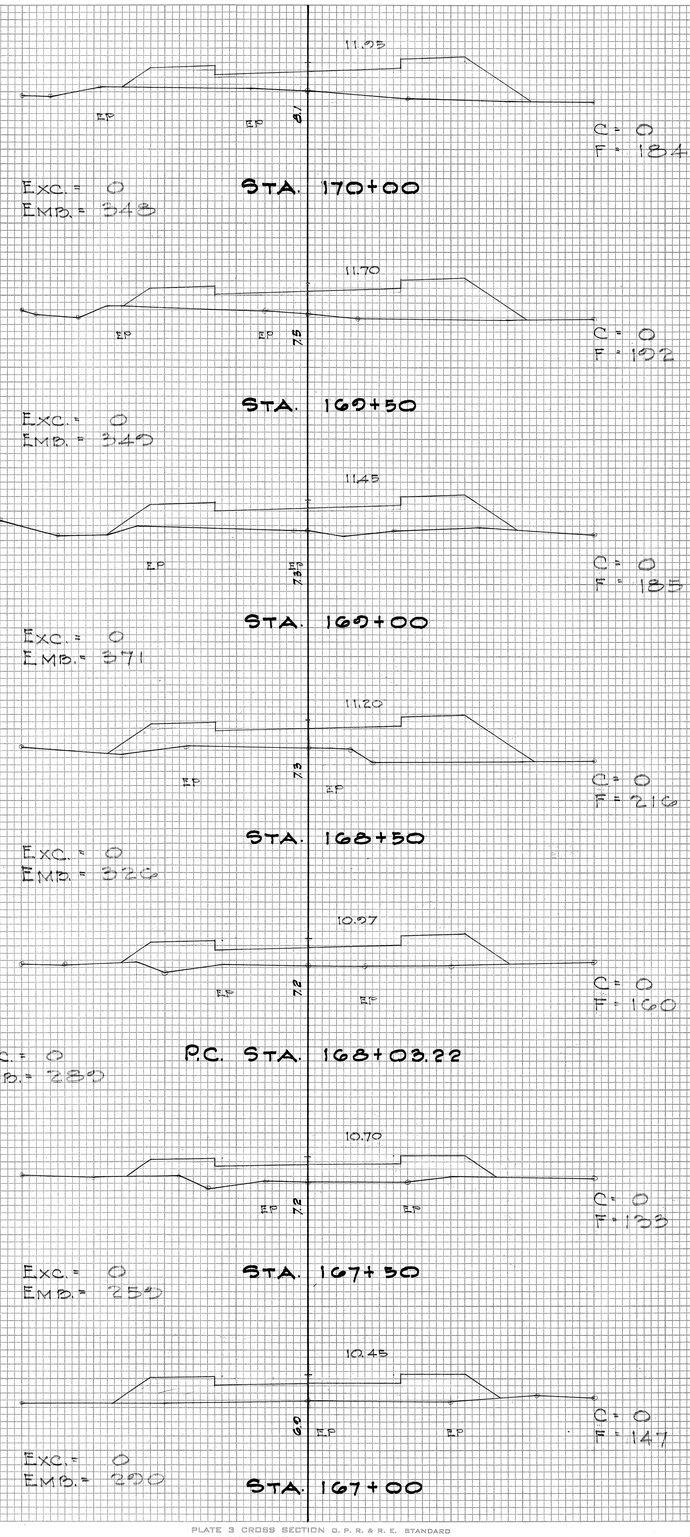



| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030(11)356 | 53 | 53 | 60 |

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

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED H.G. & W.K. — PLOTTED H.G. — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE



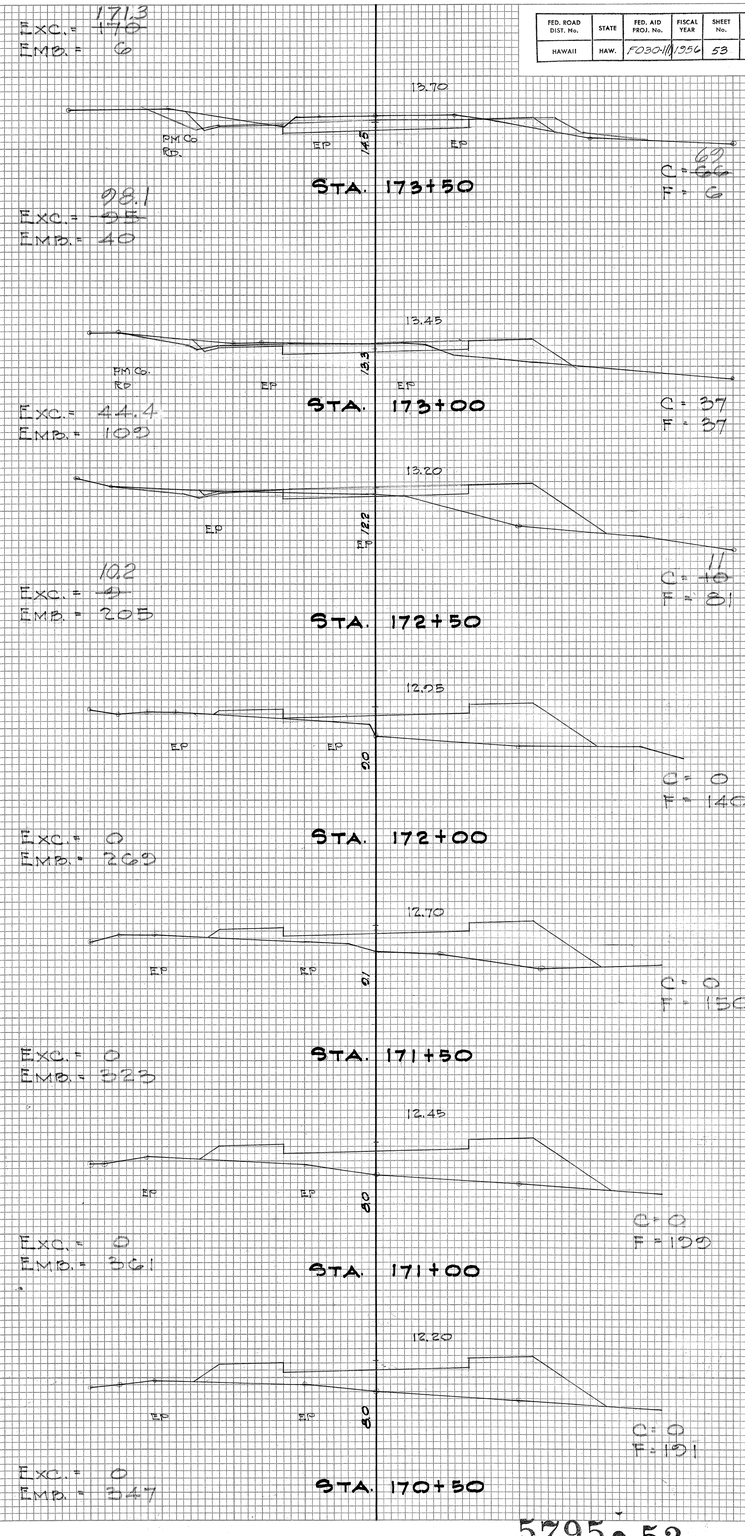




PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
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EUGENE DIETZGEN CO.

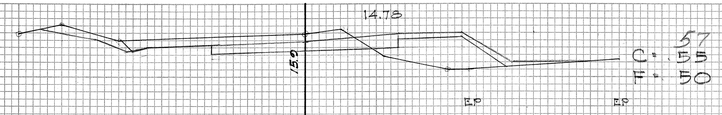
5795. 53

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030(11) | 1956 | 54 | 60 |

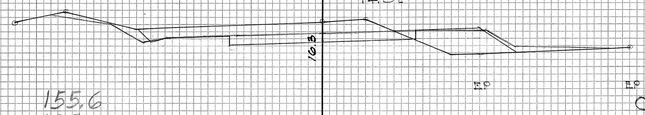
EQUATION STATION
STA. 183+50.69 = STA. 183+47.43

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

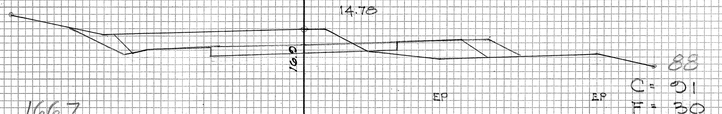
ORIGINAL SURVEY — DATE — BY H.S. & W.K. — SURVEYED — PLOTTED — TRIANGULATE — TRANSITS — AREAS — CHECKED — NOTE BOOK — NO.



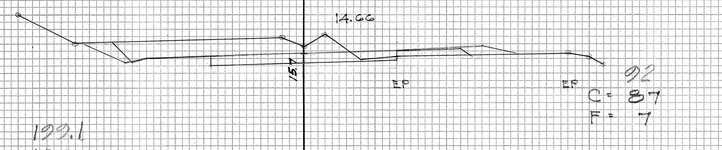

126.9
EXC. = 130
EMB. = 78
C = 57
F = 50
STA. 177+00



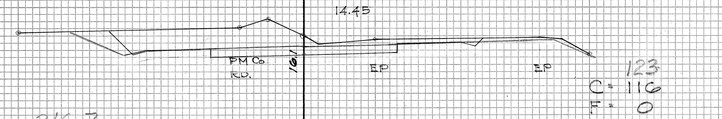

155.6
EXC. = 161
EMB. = 99
C = 80
F = 34
STA. 176+50



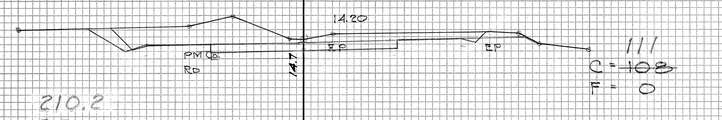

166.7
EXC. = 165
EMB. = 94
C = 82
F = 30
STA. 176+00



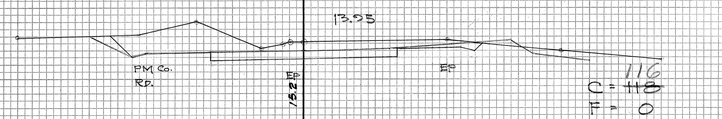

199.1
EXC. = 199
EMB. = 69
C = 92
F = 7
STA. 175+50



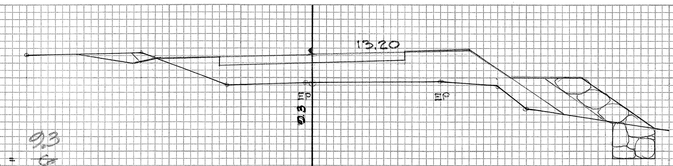

216.7
EXC. = 207
EMB. = 0
C = 123
F = 0
STA. 175+00



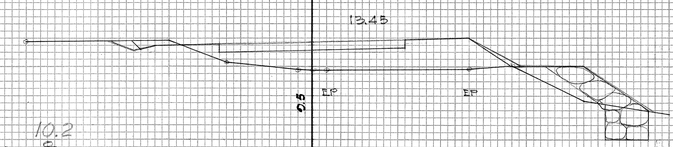

210.2
EXC. = 200
EMB. = 0
C = 111
F = 0
STA. 174+50



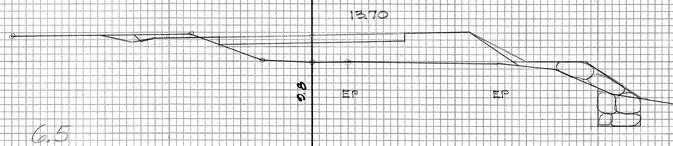

EXC. = 116
EMB. = 0
C = 116
F = 0
STA. 174+00



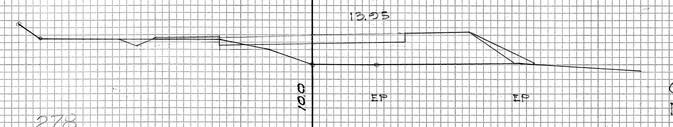

93
EXC. = 8
EMB. = 263
C = 4
F = 154
STA. 180+50



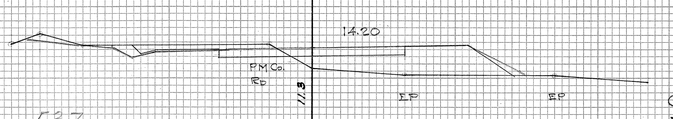

10.2
EXC. = 8
EMB. = 230
C = 6
F = 130
STA. 180+00



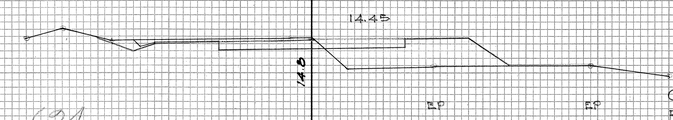

6.5
EXC. = 6
EMB. = 215
C = 5
F = 125
STA. 179+50



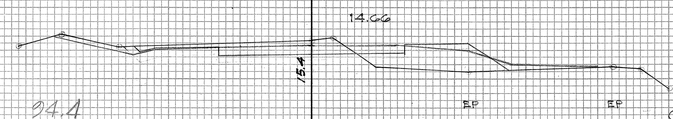

27.8
EXC. = 28
EMB. = 172
C = 2
F = 112
STA. 179+00



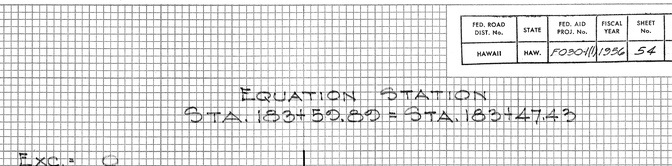

53.7
EXC. = 50
EMB. = 138
C = 28
F = 74
STA. 178+50



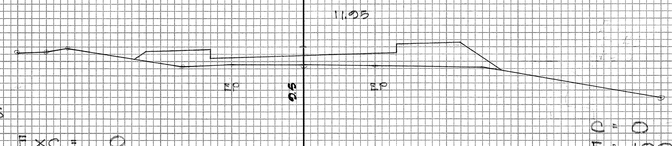

63.4
EXC. = 63
EMB. = 113
C = 30
F = 72
STA. 178+00



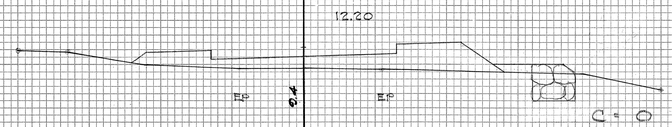

94.4
EXC. = 92
EMB. = 93
C = 45
F = 44
50
STA. 177+50



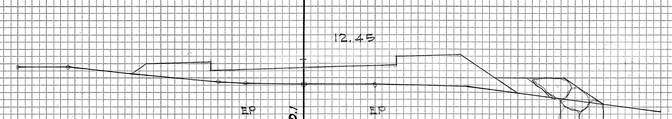

EXC. = 0
EMB. = 252
C = 0
F = 68
STA. 183+50




EXC. = 0
EMB. = 194
C = 0
F = 100
STA. 183+00



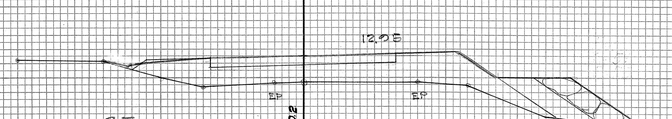

EXC. = 0
EMB. = 233
C = 0
F = 110
STA. 182+50




EXC. = 0
EMB. = 231
C = 0
F = 142
STA. 182+00




EXC. = 0
EMB. = 303
C = 0
F = 107
STA. 181+50




3.7
EXC. = 2
EMB. = 295
C = 0
F = 165
STA. 181+00

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

5795.54

| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030(11) | 1956 | 55 | 60 |

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 — H. Gall H.E. — 6/1/55

STA. 187+00 — E.P. — E.P. — 10.92 — C = 0, F = 102 — EXC. = 0, EMB. = 178

STA. 186+50 — E.P. — E.P. — 10.80 — C = 0, F = 90 — EXC. = 0, EMB. = 154

STA. 186+00 — E.P. — E.P. — 10.76 — C = 0, F = 76 — EXC. = 0, EMB. = 107

STA. 185+50 — E.P. — E.P. — 10.80 — C = 0, F = 40 — EXC. = 0, EMB. = 74

STA. 185+00 — E.P. — E.P. — 10.92 — C = 0, F = 40 — EXC. = 0, EMB. = 117

STA. 184+50 — E.P. — E.P. — 11.13 — C = 0, F = 22 — EXC. = 0, EMB. = 159

STA. 184+00 — E.P. — E.P. — 11.38 — C = 0, F = 150 — EXC. = 0, EMB. = 0

STA. 190+50 — E.P. — E.P. — 12.63 — C = 0, F = 228 — EXC. = 0, EMB. = 415

STA. 190+00 — E.P. — E.P. — 12.38 — C = 0, F = 220 — EXC. = 0, EMB. = 376

STA. 189+50 — E.P. — E.P. — 12.13 — C = 0, F = 186 — EXC. = 0, EMB. = 319

STA. 189+00 — E.P. — E.P. — 11.88 — C = 0, F = 157 — EXC. = 0, EMB. = 282

STA. 188+50 — E.P. — E.P. — 11.63 — C = 0, F = 126 — EXC. = 0, EMB. = 239

STA. 188+00 — E.P. — E.P. — 11.38 — C = 0, F = 132 — EXC. = 0, EMB. = 273

STA. 187+50 — E.P. — E.P. — 11.13 — C = 0, F = 106 — EXC. = 0, EMB. = 195

STA. 193+50 — E.P. — E.P. — 14.13 — C = 0, F = 364 — EXC. = 0, EMB. = 737

STA. 193+00 — E.P. — E.P. — 13.88 — C = 0, F = 305 — EXC. = 0, EMB. = 619

STA. 192+50 — E.P. — E.P. — 13.63 — C = 0, F = 229 — EXC. = 0, EMB. = 494

STA. 192+00 — E.P. — E.P. — 13.38 — C = 0, F = 220 — EXC. = 0, EMB. = 416

STA. 191+50 — E.P. — E.P. — 13.13 — C = 0, F = 240 — EXC. = 0, EMB. = 426

STA. 191+00 — E.P. — E.P. — 12.88 — C = 0, F = 245 — EXC. = 0, EMB. = 440

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| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(11) | 1956 | 56 | 60 |

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

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

BY — DATE — 6/17/55 — H. Gall — T.N.

STA. 197+00
EXC. = 0
EMB. = 491
13.88
7.0
C = 0
F = 275

STA. 196+50
EXC. = 0
EMB. = 546
14.13
8.8
C = 0
F = 258

STA. 196+00
EXC. = 0
EMB. = 641
14.34
9.0
C = 0
F = 332

STA. 195+50
EXC. = 0
EMB. = 669
14.46
7.2
C = 0
F = 360

STA. 195+00
EXC. = 0
EMB. = 761
14.50
7.5
C = 0
F = 366

STA. 194+50
EXC. = 0
EMB. = 826
14.46
8.3
C = 0
F = 460

STA. 194+00
14.34
6.5
C = 0
F = 432

STA. 200+50
EXC. = 0
EMB. = 164
12.13
9.5
C = 0
F = 70

STA. 200+00
EXC. = 0
EMB. = 221
12.38
9.5
C = 0
F = 107

STA. 199+50
EXC. = 0
EMB. = 243
12.63
9.0
C = 0
F = 132

STA. 199+00
EXC. = 0
EMB. = 291
12.88
9.5
C = 0
F = 130

STA. 198+50
EXC. = 0
EMB. = 407
13.13
8.8
C = 0
F = 184

STA. 198+00
EXC. = 0
EMB. = 431
13.38
7.5
C = 0
F = 256

STA. 197+50
EXC. = 0
EMB. = 446
13.63
9.0
C = 0
F = 210

STA. 203+50
EXC. = 0
EMB. = 1956
10.80
7.5
C = 0
F = 90

STA. 203+00
EXC. = 0
EMB. = 104
10.92
7.5
C = 0
F = 120

STA. 202+50
EXC. = 0
EMB. = 2772
11.13
6.7
C = 0
F = 174

STA. 202+00
EXC. = 0
EMB. = 291
11.38
7.7
C = 0
F = 130

STA. 201+50
EXC. = 0
EMB. = 206
11.63
6.2
C = 0
F = 100

STA. 201+00
EXC. = 0
EMB. = 275
11.88
9.0
C = 0
F = 107

EXC. = 0
EMB. = 164

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| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030(11) | 1956 | 57 | 60 |

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

ORIGINAL SURVEY — SURVEYED / PLOTTED / TEMPLATE / AREAS CHECKED — NOTE BOOK — NO. — BY H.G.H. — DATE 3/17/58

STA. 207+00
EXC. = 0
EMB. = 372
C = 0
F = 177
11.88
7.5

STA. 206+50
EXC. = 0
EMB. = 384
C = 0
F = 225
11.63
5.5

STA. 206+00
EXC. = 0
EMB. = 348
C = 0
F = 190
11.38
7.7

STA. 205+50
EXC. = 0
EMB. = 200
C = 0
F = 186
11.13
6.5

STA. 205+00
EXC. = 0
EMB. = 238
C = 0
F = 127
10.52
7.5

STA. 204+50
EXC. = 0
EMB. = 333
C = 0
F = 130
10.88
6.6

STA. 204+00
EXC. = 0
EMB. = 230
C = 0
F = 230
10.76
4.6

STA. 210+50
EXC. = 0
EMB. = 489
C = 0
F = 310
13.63
6.0

STA. 210+00
EXC. = 0
EMB. = 410
C = 0
F = 218
13.38
6.5

STA. 209+50
EXC. = 0
EMB. = 529
C = 0
F = 225
13.13
7.0

STA. 209+00
EXC. = 0
EMB. = 557
C = 0
F = 345
12.88
6.2

STA. 208+50
EXC. = 0
EMB. = 513
C = 0
F = 289
12.63
5.7

STA. 208+00
EXC. = 0
EMB. = 435
C = 0
F = 263
12.38
6.2

STA. 207+50
EXC. = 0
EMB. = 354
C = 0
F = 205
12.13
7.5

STA. 213+50
EXC. = 0
EMB. = 796
C = 0
F = 335
15.13
7.4

STA. 213+00
EXC. = 0
EMB. = 706
C = 0
F = 367
14.88
7.7

STA. 212+50
EXC. = 0
EMB. = 681
C = 0
F = 368
14.63
7.7

STA. 212+00
EXC. = 0
EMB. = 755
C = 0
F = 426
14.38
6.1

STA. 211+50
EXC. = 0
EMB. = 693
C = 0
F = 322
14.13
7.5

STA. 211+00
EXC. = 0
EMB. = 752
C = 0
F = 420
13.88
6.6

STA. 210+00
EXC. = 0
EMB. = 741

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| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(11)1956 | 58 | 60 | |

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 6/17/55

## STA. 217+00

EXC. = 0
EMB. = 798

15.98 — 7.5 — RP — EP

C = 0
F = 427

## STA. 216+50

EXC. = 0
EMB. = 852

16.00 — 7.4 — RP — RP — EP — EP

C = 0
F = 435

## STA. 216+00

EXC. = 0
EMB. = 880

15.98 — 7.5 — RP — EP — EP

C = 0
F = 485

## STA. 215+50

EXC. = 0
EMB. = 827

15.90 — 7.5 — RP — EP — EP

C = 0
F = 465

## STA. 215+00

EXC. = 0
EMB. = 806

15.78 — 7.8 — EP — EP

C = 0
F = 428

## STA. 214+50

EXC. = 0
EMB. = 780

15.60 — 7.4 — EP

C = 0
F = 442

## STA. 214+00

EXC. = 0
EMB. = 880

15.38 — 7.2 — EP

C = 0
F = 400

## STA. 220+50

EXC. = 0
EMB. = 272

14.63 — 11.5

C = 0
F = 110

## STA. 220+00

EXC. = 0
EMB. = 367

14.88 — 10.5

C = 0
F = 184

## STA. 219+50

EXC. = 0
EMB. = 396

15.13 — 10.1

C = 0
F = 212

## STA. 219+00

EXC. = 0
EMB. = 441

15.38 — 10.6

C = 0
F = 216

## STA. 218+50

EXC. = 0
EMB. = 514

15.60 — 9.4

C = 0
F = 260

## STA. 218+00

EXC. = 0
EMB. = 671

15.75 — 9.2 — EP

C = 0
F = 255

## STA. 217+50

EXC. = 0
EMB. = 704

15.00 — 7.7 — EP

C = 0
F = 430

## STA. 223+50

EXC. = 0
EMB. = 106

13.13 — 11.7

C = 0
F = 77

## STA. 223+00

EXC. = 0
EMB. = 38

13.38 — 11.8

C = 0
F = 37

## STA. 222+50

EXC. = 0
EMB. = 146

13.63 — 11.9

C = 0
F = 58

## STA. 222+00

EXC. = 0
EMB. = 178

13.88 — 11.9

C = 0
F = 100

## STA. 221+50

EXC. = 0
EMB. = 107

14.13 — 11.8

C = 0
F = 62

## STA. 221+00

EXC. = 0
EMB. = 214

14.38 — 11.9

C = 0
F = 121

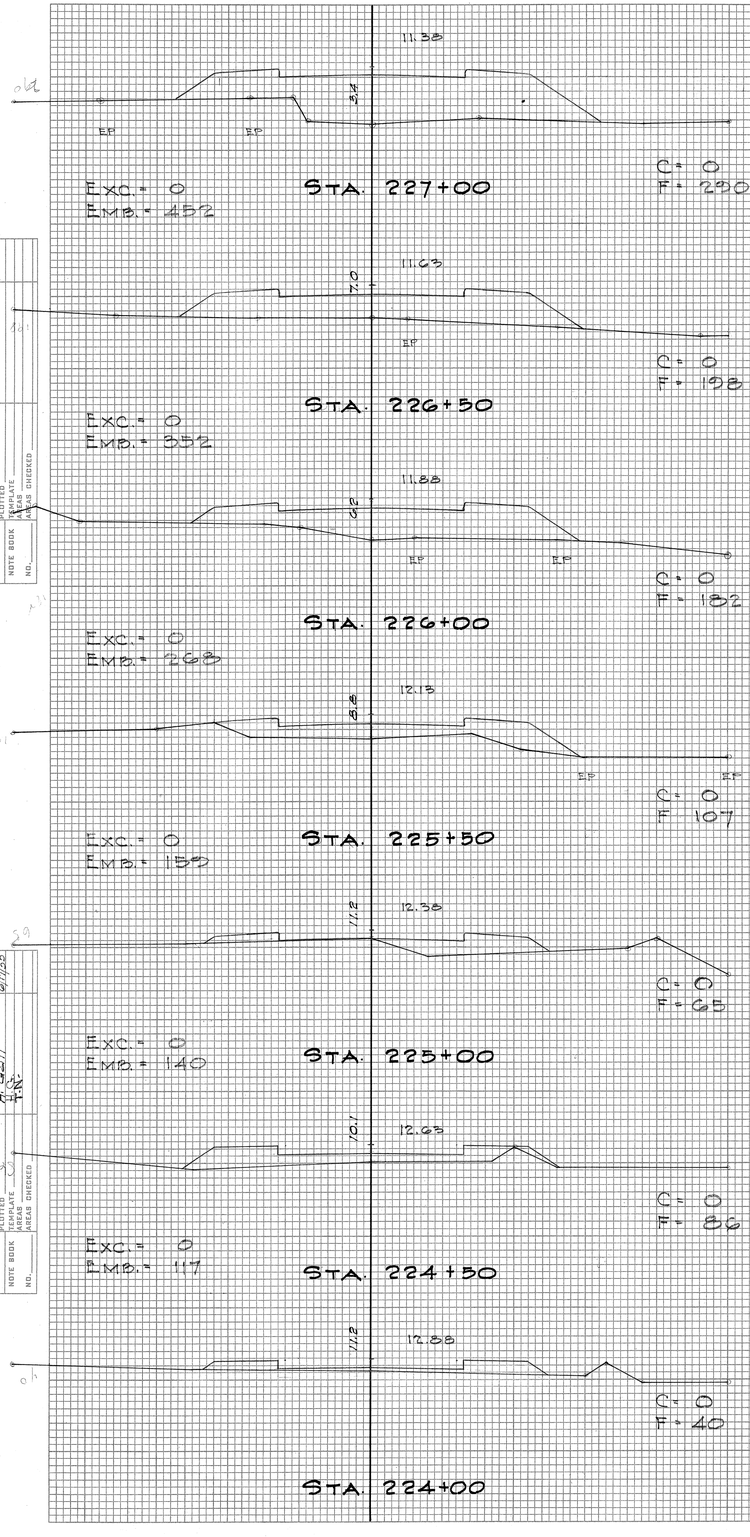
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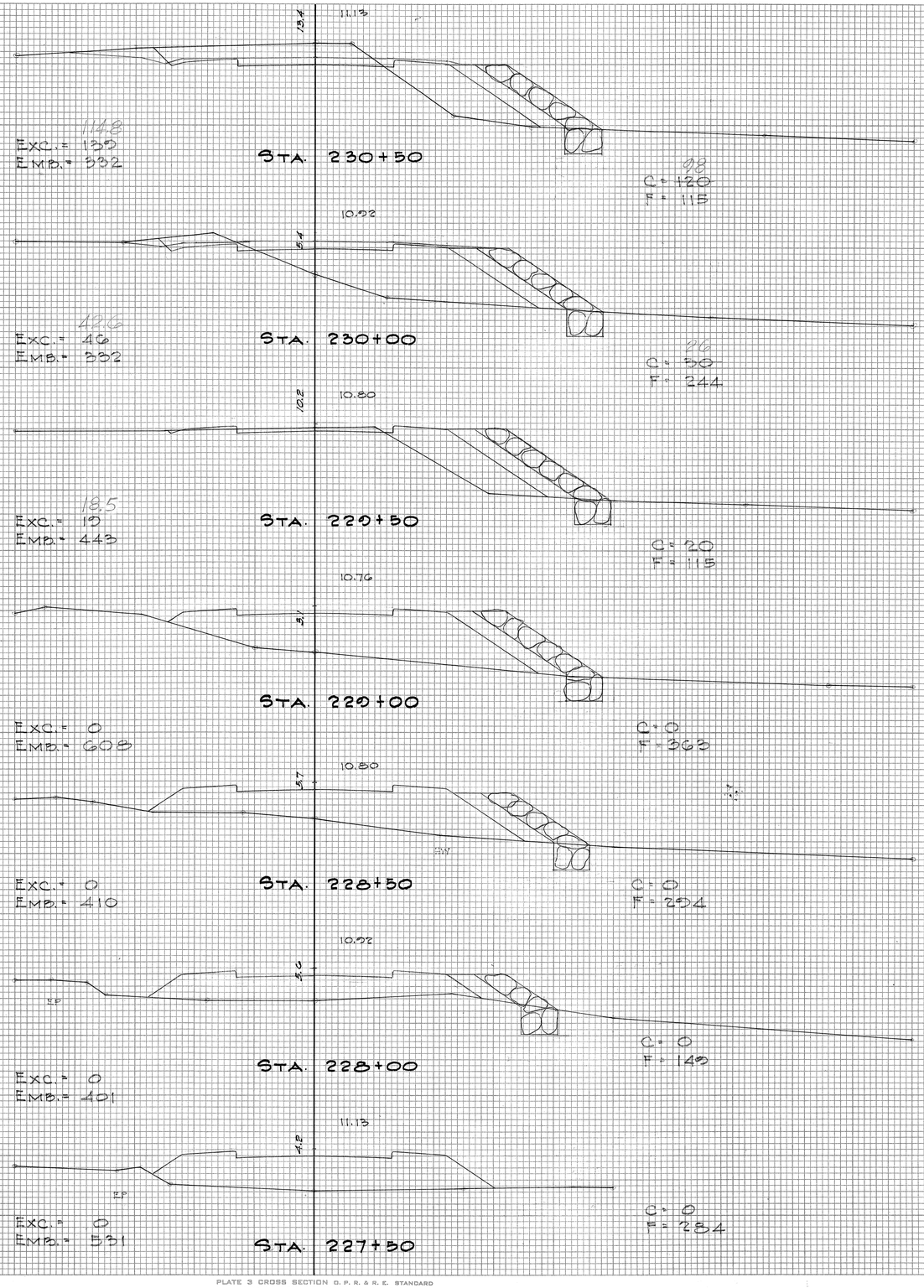
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| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F030-1(11) | 1956 | 59 | 60 |

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

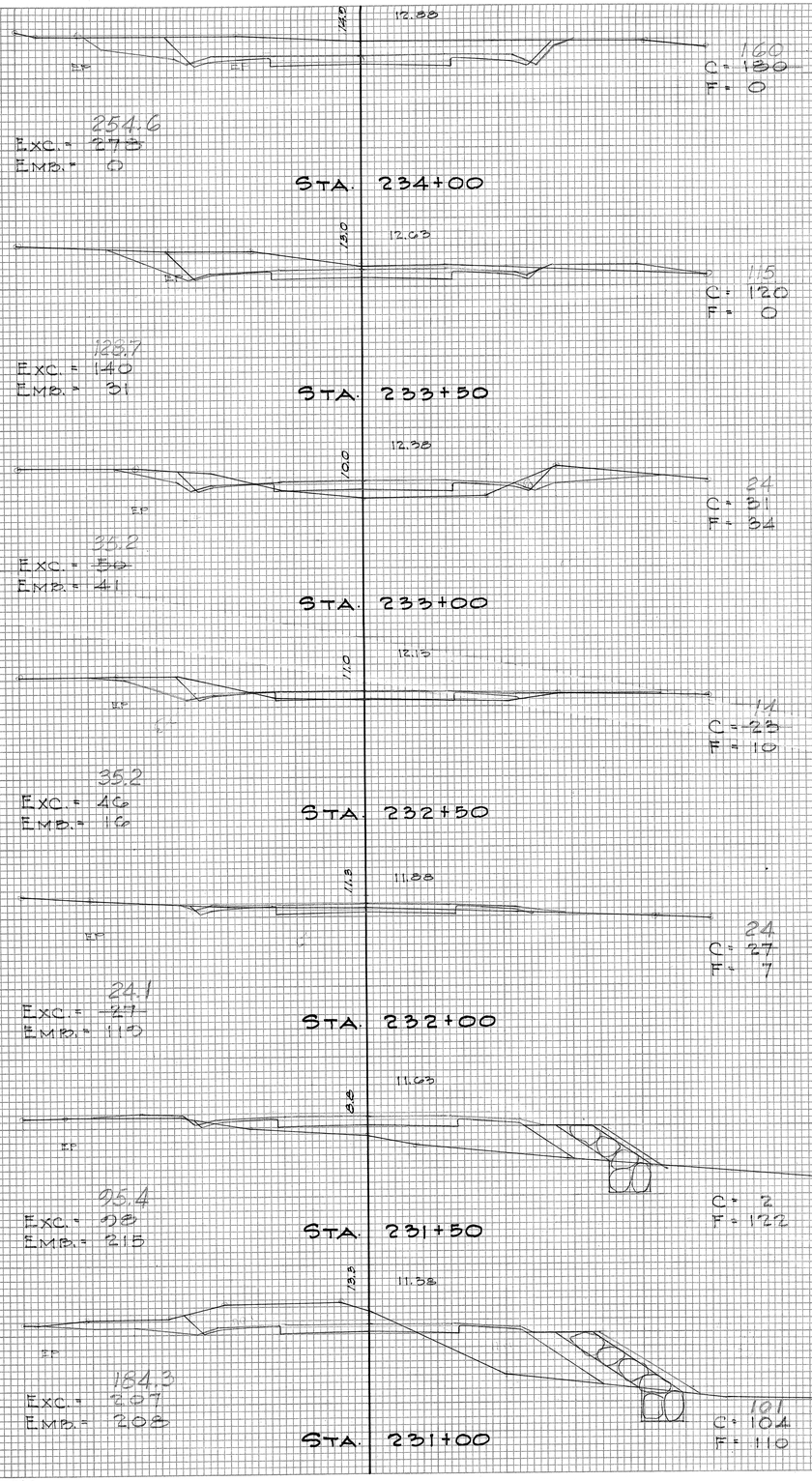


| FED. ROAD DIST. No. | STATE | FED. AID PROJ. No. | FISCAL YEAR | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | F0830(1) | 1956 | 60 | 60 |

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

ORIGINAL SURVEY — SURVEYED 2/7/56 — PLOTTED — TEMPLATE — AREAS CHECKED — NOTE BOOK — NO. — BY H.G.H. — DATE



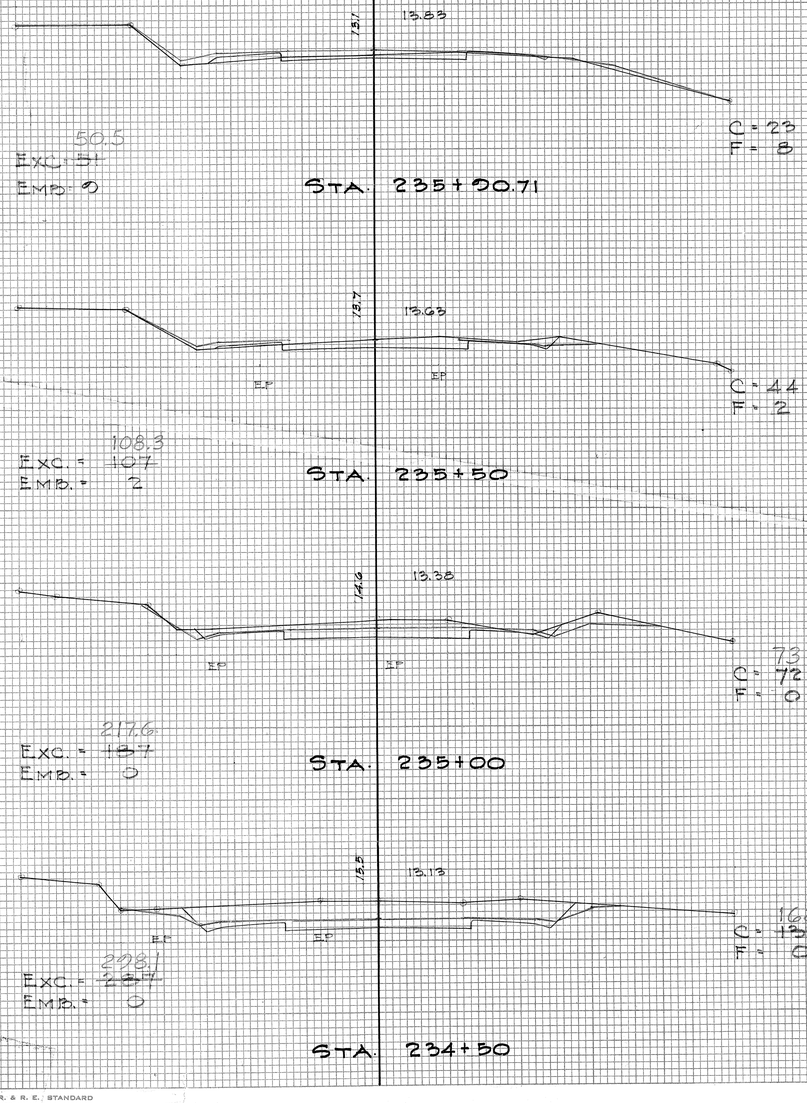




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