FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	US-S-0720(3) UNIT 3	1960	79	79
		BU-072-1(2) UNIT 4	1960	102	118
		BU-065-1(1) UNIT 3	1960	96	115

180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ℄ 10 20 30 40 50 60 70 80 90 100 110 120 130 140
55 50 45 40 35 30 25 20 15
Match Line
Match Line
BU-072-1(2)
Exc = 6850
Emb = 1113
BU-065-1(1)
Exc = 685
Emb = 0
BU-072-1(2)
C = 3700
F = 777
BU-065-1(1)
C = 0
F = 0
13.92
15.41
14.03
15.52
8+ 00
BU-065-1(1)
US-S-0720(3)
US-S-0720(3)
BU-065-1(1)
Match Line
Match Line
US-S-0720(3)
Exc = 6974
Emb = 674
BU-065-1(1)
Exc = 1361
Emb = 0
US-S-0720(3)
C = 3478
F = 425
BU-065-1(1)
C = 740
F = 0
15.66
15.84
13.78
15.15
7+ 50

END OF PROJ. USS-0720(3) AT STA. 359+49.08 = BEGIN OF PROJ. BU-072-1(2) STA. 7+50

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S 526.79 S 174.102 S 161.96

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	103	118
		BU-065-1(1) UNIT 3	1960	97	115

BU 072-1(2) BU 065-1(1)
BU 065-1(1) BU 072-1(2)
BU 065-1(1)
BU 072-1(2)
14.66
16.15
14.60
16.09
9+00
Match Line
14.30
15.78
14.28
15.77
8+50

BU-072-1(2)
EXC = 6282
EMB = 726

BU-065-1(1)
EXC = 763
EMB = 0

BU-072-1(2)
C = 3157
F = 352

BU-065-1(1)
C = 792
F = 0

BU-072-1(2)
EXC = 6969
EMB = 1119

BU-065-1(1)
EXC = 30
EMB = 0

BU-072-1(2)
C = 3626
F = 432

BU-065-1(1)
C = 32
F = 0

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

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

S174.103 S161.97

157

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	104	118
		BU-065-1(1) UNIT 3	1960	98	115

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

BU072-1(2) BU065-1(1)
BU065-1(1) BU072-1(2)
BU072-1(2) BU065-1(1)
BU065-1(1)
R/W
15.42
16.91
15.66
17.15
BU-072-1(2)
Exc = 6511
Emb = 446
BU-065-1(1)
Exc = 1771
Emb = 0
10+00
BU-072-1(2)
C = 3479
F = 217
BU-065-1(1)
C = 956
F = 0
BU-072-1(2)
15.03
16.52
15.06
16.55
BU-072-1(2)
Exc = 6215
Emb = 571
BU-065-1(1)
Exc = 1619
Emb = 0
9+50
BU-072-1(2)
C = 3553
F = 265
BU-065-1(1)
C = 957
F = 0
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FREEWAY

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

S174.104 S161.98

158

98

155

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	105	118
		BU-065-1(1) UNIT 3	1960	99	115

BU072-1(2) BU065-1(1)
BU065-1(1) BU072-1(2)
072-1(2) -065-1(1)
BU065-1(1) BU072-1(2)
R/W
16.48
17.97
17.28
18.77
11+00

BU-072-1(2)
Exc = 5511
Emb = 269

BU-065-1(1)
Exc = 2494
Emb = 0

BU-072-1(2)
C = 2806
F = 76

BU-065-1(1)
C = 1746
F = 0

BU072-1(2) BU065-1(1)
BU065-1(1) BU072-1(2)
BU065-1(1)
BU065-1(1)
R/W
15.88
17.37
16.40
17.89
10+50

BU-072-1(2)
Exc = 6134
Emb = 399

BU-065-1(1)
Exc = 1763
Emb = 0

BU-072-1(2)
C = 3146
F = 214

BU-065-1(1)
C = 948
F = 0

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

S174.105 S161.99

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	106	118
		BU-065-1(1) UNIT 3	1960	100	115

180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ℄ 10 20 30 40 50 60 70 80 90 100 110 120 130 140
55 50 45 40 35 30 25 20 15
BU-072-1(2) BU-065-1(1)
BU-065-1(1) BU-072-1(2)
BU-072-1(2) BU-065-1(1)
BU-065-1(1) BU-072-1(2)
18.23
19.71
19.46
20.95
12+00

BU-072-1(2)
EXC = 4706
EMB = 122

BU-065-1(1)
EXC = 3407
EMB = 0

BU-072-1(2)
C = 2528
F = 40

BU-065-1(1)
C = 1780
F = 0

55 50 45 40 35 30 25 20 15
BU-072-1(2) BU-065-1(1)
BU-065-1(1) BU-072-1(2)
BU-072-1(2) BU-065-1(1)
BU-065-1(1) BU-072-1(2)
17.29
18.78
18.30
19.70
11+50
180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ℄ 10 20 30 40 50 60 70 80 90 100 110 120 130 140

BU-072-1(2)
EXC = 5054
EMB = 156

BU-065-1(1)
EXC = 3376
EMB = 0

BU-072-1(2)
C = 2652
F = 32

BU-065-1(1)
C = 1900
F = 0

FINAL SURVEY
NOTE BOOK
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SURVEYED
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TEMPLATE
AREAS
AREAS CHECKED
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ORIGINAL SURVEY
NOTE BOOK
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SURVEYED
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PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
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EUGENE DIETZGEN CO.

S174.106 S161.100 160

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	107	118
		BU-065-1(1) UNIT 3	1960	101	115

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

200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
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30
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10
20
30
40
50
60
70
80
90
100
55
50
45
40
35
30
25
20
BU072-1(2)
BU065-1(1)
BU065-1(1)
BU072-1(2)
BU072-1(2)
BU065-1(1)
22.01
23.50
23.50
24.00
13+50
072-1(2)
065-1(1)
BU065-1(1)
BU072-1(2)
BU072-1(2)
BU065-1(1)
20.64
22.13
22.13
23.62
13+00
BU072-1(2)
BU065-1(1)
BU065-1(1)
BU-072-1(2)
072-1(2)
065-1(1)
19.33
20.82
20.76
22.25
12+50

13+50

BU-072-1(2)
EXC = 3884
EMB = 58

BU-065-1(1)
EXC = 3794
EMB = 0

BU-072-1(2)
C = 2195
F = 12

BU-065-1(1)
C = 1898
F = 0

13+00

BU-072-1(2)
EXC = 3901
EMB = 93

BU-065-1(1)
EXC = 3806
EMB = 0

BU-072-1(2)
C = 2000
F = 51

BU-065-1(1)
C = 1663
F = 0

12+50

BU-072-1(2)
EXC = 4390
EMB = 82

BU-065-1(1)
EXC = 3238
EMB = 0

BU-072-1(2)
C = 2213
F = 40

BU-065-1(1)
C = 1717
F = 0

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PLATE 3 CROSS SECTION O. P. R. & R. E.
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S174.107 S161.101 161

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	108	118
		BU-065-1(1) UNIT 3	1960	102	115

15+00
BU-072-1(2) BU-065-1(1)
BU-065-1(1) BU-072-1(2)
R/W
26.12
27.61
27.61
29.10
BU-072-1(2) EXC = 3644 EMB = 26
BU-065-1(1) EXC = 3359 EMB = 0
BU-072-1(2) C = 1855 F = 6
BU-065-1(1) C = 1861 F = 0
14+50
26.15
26.24
26.24
27.73
BU-072-1(2) EXC = 3979 EMB = 51
BU-065-1(1) EXC = 3212 EMB = 0
BU-072-1(2) C = 2080 F = 22
BU-065-1(1) C = 1767 F = 0
14+00
23.38
24.87
24.87
26.36
BU-072-1(2) EXC = 4085 EMB = 42
BU-065-1(1) EXC = 3333 EMB = 0
BU-072-1(2) C = 2217 F = 33
BU-065-1(1) C = 1702 F = 0

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

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

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PLATE 3 CROSS SECTION O. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

S174.108 S161.102 162

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	103	118
		BU-065-1(1) UNIT 3	1960	103	115

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

180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ℄ 10 20 30 40 50 60 70 80 90 100 110 120 130
55 50 45 40 35 30 25
BU072-1(2) BU065-1(1)
BU065-1(1) BU072-1(2)
BU072-1(2) BU065-1(1)
BU-072-1(2) EXC = 3063 EMB = 0
BU-065-1(1) EXC = 2735 EMB = 0
30.23
31.72
31.72
33.21
BU-072-1(2) C = 1635 F = 0
BU-065-1(1) C = 1446 F = 0
16+50
BU-072-1(2) EXC = 3160 EMB = 6
BU-065-1(1) EXC = 3012 EMB = 0
28.86
30.35
30.35
31.84
BU-072-1(2) C = 1673 F = 0
BU-065-1(1) C = 1508 F = 0
16+00
BU-072-1(2) BU-065-1(1)
BU-072-1(2) EXC = 3330 EMB = 11
BU-065-1(1) EXC = 3339 EMB = 0
27.49
28.98
28.98
30.47
BU-072-1(2) C = 1741 F = 6
BU-065-1(1) C = 1745 F = 0
15+50

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PLATE 3 CROSS SECTION O. P. R. & R. E.
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CHARLES BRUNING COMPANY

S174.109 S161.103 163

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	110	118
		BU-065-1(1) UNIT 3	1960	104	115

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

180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ℄ 10 20 30 40 50 60 70 80 90 100 110 120 130
55 50 45 40 35 30
BU 072-1(2) BU 065-1(1)
BU 065-1(1) BU 072-1(2)
BU-072-1(2)
Exc = 3074
Emb = 0
BU-065-1(1)
Exc = 2133
Emb = 0
34.39
35.83
35.83
37.28
18+00
BU-072-1(2)
C = 1640
F = 0
BU-065-1(1)
C = 1098
F = 0
BU-072-1(2)
Exc = 3054
Emb = 0
BU-065-1(1)
Exc = 2392
Emb = 0
32.97
34.46
34.46
35.95
17+50
BU-072-1(2)
C = 1680
F = 0
BU-065-1(1)
C = 1206
F = 0
BU-072-1(2)
Exc = 3012
Emb = 0
BU-065-1(1)
Exc = 2614
Emb = 0
31.60
33.09
33.09
34.58
17+00
BU-072-1(2)
C = 1618
F = 0
BU-065-1(1)
C = 1377
F = 0

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PLATE 3 CROSS SECTION O. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

S174.110 S161.104 164

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	111	118
		BU-065-1(1) UNIT 3	1960	105	115

20+00
BU-072-1(2) Exc = 4374 Emb = 0
BU-065-1(1) Exc = 865 Emb = 0
BU-072-1(2) C = 2451 F = 0
BU-065-1(1) C = 407 F = 0
40.51
41.31
41.31
42.52
Match Line
19+50
BU-072-1(2) Exc = 3779 Emb = 0
BU-065-1(1) Exc = 1113 Emb = 0
BU-072-1(2) C = 2027 F = 0 Cf = 2273
BU-065-1(1) C = 527 F = 0
38.97
39.94
39.94
41.40
19+00
BU-072-1(2) Exc = 3250 Emb = 0
BU-065-1(1) Exc = 1849 Emb = 0
BU-072-1(2) C = 1739 F = 0 Cf = 2054
BU-065-1(1) C = 990 F = 0 Cf = 675
37.42
38.57
38.57
39.72
18+50
BU-072-1(2) Exc = 3158 Emb = 0
BU-065-1(1) Exc = 1949 Emb = 0
BU-072-1(2) C = 1771 F = 0
BU-065-1(1) C = 1007 F = 0
35.88
37.20
37.20
38.52
BU 072-1(2)
BU 065-1(1)
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PLATE 3 CROSS SECTION O. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

S174.111 S161.105 165

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 1	1960	112	118
		BU-065-1(1) UNIT 3	1960	106	115

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

24+00
BU-065-1(1) C = 399 F = 0
BU-072-1(2) C = 933 F = 0
BU-065-1(1) EXC = 727 EMB = 0
BU-072-1(2) EXC = 1814 EMB = 0
23+50
BU-065-1(1) C = 386 F = 0
BU-072-1(2) C = 1026 F = 0
BU-065-1(1) EXC = 605 EMB = 0
BU-072-1(2) EXC = 2190 EMB = 0
23+00
BU-065-1(1) C = 267 F = 0
BU-072-1(2) C = 1339 F = 0
BU-065-1(1) EXC = 520 EMB = 0
BU-072-1(2) EXC = 2659 EMB = 0
22+50
BU-065-1(1) C = 304 F = 0
BU-072-1(2) C = 1533 F = 0
BU-065-1(1) EXC = 574 EMB = 0
BU-072-1(2) EXC = 3064 EMB = 0
22+00
BU-065-1(1) C = 316 F = 0
BU-072-1(2) C = 1776 F = 0
BU-065-1(1) EXC = 623 EMB = 0
BU-072-1(2) EXC = 3427 EMB = 0
21+50
BU-065-1(1) C = 357 F = 0
BU-072-1(2) C = 1925 F = 0
BU-065-1(1) EXC = 642 EMB = 0
BU-072-1(2) EXC = 3627 EMB = 0
21+00
BU-065-1(1) C = 336 F = 0
BU-072-1(2) C = 1992 F = 0
BU-065-1(1) EXC = 688 EMB = 0
BU-072-1(2) EXC = 3920 EMB = 0
20+50
BU-065-1(1) C = 377 F = 0
BU-072-1(2) C = 2242 F = 0
BU-065-1(1) EXC = 726 EMB = 0
BU-072-1(2) EXC = 4343 EMB = 0
BU-065-1(1)
BU-072-1(2)
M/B
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FREEWAY

PLATE 3 CROSS SECTION O. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

S174.112 S161.106 166

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	113	118
		BU-065-1(1) UNIT 3	1960	107	115

28+50
BU-072-1(2) C = 24 F = 136
BU-065-1(1) C = 28 F = 4
BU-065-1(1) EXC = 115 EMB = 4
BU-072-1(2) EXC = 145 EMB = 156
28+00
BU-072-1(2) C = 133 F = 33
BU-065-1(1) C = 96 F = 0
BU-065-1(1) EXC = 194 EMB = 0
BU-072-1(2) EXC = 392 EMB = 34
27+50
BU-072-1(2) C = 290 F = 4
BU-065-1(1) C = 113 F = 0
BU-065-1(1) EXC = 285 EMB = 0
BU-072-1(2) EXC = 590 EMB = 4
27+00
BU-072-1(2) C = 357 F = 0
BU-065-1(1) C = 125 F = 0
BU-065-1(1) EXC = 400 EMB = 0
BU-072-1(2) EXC = 787 EMB = 0
26+50
BU-072-1(2) C = 403 F = 0
BU-065-1(1) C = 237 F = 0
BU-065-1(1) EXC = 452 EMB = 0
BU-072-1(2) EXC = 1004 EMB = 0
26+00
BU-072-1(2) C = 501 F = 0
BU-065-1(1) C = 251 F = 0
BU-065-1(1) EXC = 502 EMB = 0
BU-072-1(2) EXC = 1164 EMB = 0
25+50
BU-072-1(2) C = 666 F = 0
BU-065-1(1) C = 291 F = 0
BU-065-1(1) EXC = 543 EMB = 0
BU-072-1(2) EXC = 1327 EMB = 0
25+00
BU-072-1(2) C = 767 F = 0
BU-065-1(1) C = 295 F = 0
BU-065-1(1) EXC = 600 EMB = 0
BU-072-1(2) EXC = 1486 EMB = 0
24+50
BU-072-1(2) C = 838 F = 0
BU-065-1(1) C = 310 F = 0
BU-065-1(1) EXC = 656 EMB = 0
BU-072-1(2) EXC = 1640 EMB = 0
M/B
ORIGINAL SURVEY
FINAL SURVEY
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PLATE 3 CROSS SECTION O. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

S174.113 S161.107 167

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	114	118
		BU-065-1(1) UNIT 3	1960	108	115

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FINAL SURVEY
NOTE BOOK
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AREAS
AREAS CHECKED
BY
DATE

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

32+00
31+50
31+00
30+50
30+00
29+50
29+00
BU-072-1(2) C = 100 F = 109
BU-072-1(2) C = 0 F = 775
BU-072-1(2) C = 0 F = 230
BU-072-1(2) C = 0 F = 0 Fill = 395
BU-065-1(1) C = 0 F = 0
BU-072-1(2) C = 0 F = 97
BU-065-1(1) C = 0 F = 262
BU-072-1(2) C = 0 F = 624
BU-065-1(1) C = 0 F = 107
BU-072-1(2) C = 0 F = 484
BU-065-1(1) C = 0 F = 51
Wingwall
Bridge
BU-065-1(1)
BU-072-1(2)
M/B
BU-072-1(2) EXC = 18 EMB = 810
BU-072-1(2) EXC = 0 EMB = 231
BU-072-1(2) EXC = 0 EMB = 213
BU-072-1(2) EXC = 0 EMB = 90
BU-065-1(1) EXC = 0 EMB = 243
BU-072-1(2) EXC = 0 EMB = 668
BU-065-1(1) EXC = 0 EMB = 342
BU-072-1(2) EXC = 0 EMB = 1026
BU-065-1(1) EXC = 0 EMB = 146
BU-072-1(2) EXC = 22 EMB = 574
BU-065-1(1) EXC = 26 EMB = 51
100
90
80
70
60
50
40
30
20
10
55
50
45
40
60

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PLATE 3 CROSS SECTION O. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	115	118
		BU-065-1(1) UNIT 3	1960	114	115

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

270 260 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20
30 40 50 60
48.70
49.00
48.70
R/W
BU-072-1(2)
BU-065-1(1)
50 45 40 35 30 25
16+00
16+50
15+50
46.45
46.75
46.45
44.20
44.50
44.20
BU065-1(1)
BU-065-1(1)
BU072-1(2)
260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60

BU-072-1(2)
Exc = 0
Emb = 218

BU-065-1(1)
Exc = 1748
Emb = 0

BU-072-1(2)
C = 0
F = 149

BU-065-1(1)
C = 866
F = 0

16+50

BU-065-1(1)
Exc = 2457
Emb = 122

BU-065-1(1)
C = 1022
F = 0

BU-072-1(2)
C = 0
F = 86

16+00

BU-065-1(1)
Exc = 2918
Emb = 50

BU-065-1(1)
C = 1632
F = 47

15+50

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

S174.115 S161.114 174

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	BU-072-1(2) UNIT 4	1960	116	118
		BU-065-1(1) UNIT 3	1960	115	115

220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60
70 80 90 100
FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.
BY
DATE
52.65
52.375
51.98
BU072-1(2)
BU065-1(1)
17+25
ORIGINAL SURVEY
51.25
51.25
50.95
17+00
35 30 25 20
55 50 45 40 35 30 25 20

17+25

BU-072-1(2)
EXC = 0
EMB = 407

BU-065-1(1)
EXC = 1136
EMB = 0

BU-072-1(2)
C = 0
F = 615

BU-065-1(1)
C = 1303
F = 0

17+00

BU-072-1(2)
EXC = 0
EMB = 378

BU-065-1(1)
EXC = 1867
EMB = 0

BU-072-1(2)
C = 0
F = 259

BU-065-1(1)
C = 1150
F = 0

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MIDDLE ST.

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

S174.116 S161.115

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