LANSING (17) RD

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
			1936	7	12

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

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

6.40
612+50
6.27
612+42
5.51
612+40
4.48
612+2385
6.05
612+09
9.47
612+03
9.48
612+00
9.58
611+50
11.02
611+00
℄

34.98
615+35
36.48
615+00
38.18
614+60
36.03
614+50
12.83
614+00
11.32
613+50
10.87
613+00
7.61
612+79
℄

6.70 8.35
C=0.0 ℄
F=45.0 ℄
617+00
Exc.=0.0 cy
Emb.=112.0 cy
6.14 8.43
C=0.0 ℄
F=76.0 ℄
616+50
Exc.=0.0 cy.
Emb.=198.2 cy.
4.90 8.59
C=0.0 ℄
F=138.0 ℄
616+00
7.07
615+79
11.85
615+58
21.18
615+53
22.09
615+50
23.09
615+48
21.98
615+45
31.88
615+44
℄

7.18 8.71
C=0.0 ℄
F=45.0 ℄
622+00
6.60 8.62
C=0.0 ℄
F=72.0 ℄
621+50
5.36 8.57
C=0.0 ℄
F=105.0 ℄
621+00
Exc.=0.0 cy
Emb.=150.0 cy
6.53 8.50
C=0.0 ℄
F=57.0 ℄
620+50
Exc.=0.0 cy
Emb.=101.9 cy.
6.43 8.48
C=0.0
F=53.0 ℄
620+00
Exc.=0.0 cy.
Emb=96.3 cy.
6.59 8.36
C=0.0
F=51.0 ℄
619+50
Exc.=0.0 cy
Emb.=86.1 cy.
7.09 8.32
C=0.0
F=49.0 ℄
619+00
Exc.=0.0 cy
Emb=76.9 cy
6.80 8.30
C=0.0
F=41.0 ℄
618+50
Exc.=0.0 cy
Emb.=75.9 cy
6.87 8.30
C=0.0
F=41.0 ℄
618+00
Exc.=0.0 cy
Emb.=97.2 cy
6.28 8.33
C=0.0
F=52.0 ℄
617+50
Exc.=0.0 cy
Emb.=100.9 cy
℄

PLATE 3—CROSS SECTION O. P. R. & R. S. STANDARD
KRUPPEL & DOSS CO., NEW YORK

7

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
			1936	8	12

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

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

627+00
Exc.=38.2 cy. Emb.=18.5 cy.
9.13 9.42
c = 9.0 ϕ F = 18.0 ϕ

626+50
Exc.=12.0 cy. Emb.=19.4 cy.
8.94 9.35
c = 4.0 ϕ F = 3.0 ϕ

626+00
Exc.=6.5 cy. Emb=15.2 cy
8.46 9.28
c = 3 ϕ F = 13.5 ϕ

625+50
Exc.=2.8 cy. Emb.=41.7 cy.
7.79 9.21
F = 31.5 ϕ

625+00
Exc.=0.0 cy. Emb.=61.7 cy
7.24 9.14
F = 35.2 ϕ

624+50
Exc.=0.0 cy. Emb.=83.2 cy
7.16 9.06
F = 54.7 ϕ

624+00
Exc.=0.0 cy. Emb.=95.7 cy.
7.06 8.99
F = 48.7 ϕ

623+50
Exc.=2.8 cy. Emb=81.1 cy.
7.00 8.92
c = 3.0 ϕ F = 37.5 ϕ

623+00
Exc.=2.8 cy. Emb.=87.0 cy.
6.78 8.85
F = 54.0 ϕ c = 0.0 ϕ

622+43.85
6.93

630+50
Exc.=74.3 cy. Emb.=24.3 cy.
9.52 10.20
c = 40.5 ϕ F = 3.7 ϕ

630+24
9.07

630+13
6.42

630+04
Exc.=67.2 cy. Emb.=24.4 cy.
9.82
9.57 10.02
c = 39.7 ϕ F = 22.5 ϕ

629+50
Exc.=55.6 cy. Emb.=7.4 cy.
9.44 9.87
c = 23.0 ϕ F = 4.0 ϕ

629+00
Exc.=70.0 cy. Emb.=4.6 cy.
9.38 9.74
c = 27.0 ϕ F = 4.0 ϕ

628+50
Exc.=68.7 cy. Emb.=2.8 cy.
9.74 9.64
c = 18.7 ϕ F = 1.0 ϕ

628+00
Exc.=34.8 cy. Emb.=3.7 cy.
9.56 9.56
c = 25.5 ϕ F = 2.0 ϕ

627+50
9.41 9.49
c = 32.2 ϕ F = 2.0 ϕ

632+79
9.37

632+71
10.97

632+50
Exc.=131.9 cy. Emb=1.9 cy.
10.93 11.15
c = 53.2 ϕ F = 0

632+09
9.77

632+04
7.57

632+00
Exc.=110.9 cy. Emb.=24.6 cy.
10.88
c = 89.2 ϕ F = 2.0 ϕ

631+86
8.55

631+50
Exc.=57.6 cy. Emb.=67.2 cy.
9.30 10.64
c = 30.7 ϕ F = 24.7 ϕ

631+00
Exc.=66.7 cy. Emb.=47.8 cy.
8.49 10.43
c = 31.5 ϕ F = 48.0 ϕ

630+81.36
9.01

633+67
8.97

633+60
11.37

633+50
Exc.=58.7 cy. Emb.=43.9 cy.
11.67 11.76
c = 44.0 ϕ F = 2.5 ϕ

633+17
10.32

633+15
8.67

633+05
8.42

633+01
10.03

633+00
Exc.=67.2 cy. Emb.=41.7 cy.
7.82 11.44
c = 19.5 ϕ F = 45.0 ϕ

632+97
7.95

632+81
8.11

PLATE 8—CROSS SECTION C. P. R. & R. E. STANDARD
KRUPPEL & KNIER CO., NEW YORK

S 8

LAHAINA (9)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
			1936	9	12

635+58 — 15.48

635+50 — 15.33 — 13.15 — C = 222.0 ℄ F = 0.0 ℄ — Exc. = 347.2 cy — Emb. = 0.0 cy

635+00 — 13.78 — 12.80 — C = 153.0 ℄ F = 0.0 ℄ — Exc. = 147.2 cy — Emb. = 63.9 cy

634+94 — 11.85

634+50 — 12.45 — C = 4.0 ℄ F = 57.0 ℄ — Exc. = 58.3 cy — Emb. = 66.7 cy

634+39 — 10.27

634+35 — 11.57

634+00 — 12.87 — 12.10 — C = 5.7 ℄ F = 3.0 ℄ — Exc. = 93.5 cy — Emb. = 5.0 cy

633+88 — 11.97

633+84 — 9.07

638+00 — 19.37 — 14.90 — C = 332.2 ℄ F = 0.0 — Exc. = 627.6 cy — Emb. = 0.0 cy

637+50 — 19.49 — 14.55 — C = 345.7 ℄ F = 0 — Exc. = 527.6 cy — Emb. = 0.0 cy

637+20 — 18.38

637+13 — 16.18

637+00 — 15.61 — 14.20 — C = 224.2 F = 0 — Exc. = 258.7 cy — Emb. = 0.0 cy

636+50 — 16.58 — 13.85 — C = 293.2 ℄ F = 0 — Exc. = 410.4 cy — Emb. = 0.0 cy

636+00 — 13.48 — 13.50 — C = 150.0 ℄ F = 0 — Exc. = 344.4 cy — Emb. = 0.0 cy

635+95 — 13.82

635+89 — 15.33

635+60 — 14.73

639+60 — 17.34

639+50 — 16.09 — 15.90 — C = 152.2 ℄ F = 0 — Exc. = 263.7 cy — Emb. = 0.0 cy

639+35 — 15.49

639+15 — 17.49

639+00 — 16.83 — 15.58 — C = 132.7 ℄ F = 0 — Exc. = 325.6 cy. — Emb. = 0.0 cy.

638+88 — 17.34

638+80 — 15.87

638+50 — 16.79 — 15.25 — C = 219.0 ℄ F = 6 — Exc. = 510.4 cy. — Emb. = 0.0 cy

638+46 — 17.37

638+40 — 16.48

642+00 — 18.14 — 17.20 — Exc. = 0.0 cy — Emb. = 128.3 cy

641+50 — 14.66 — 17.00 — C = 0 F = 88.5 ℄ — Exc. = 0.0 cy. — Emb. = 206.0 cy

641+00 — 11.39 — 16.78 — C = 0.2 F = 50.2 ℄ — Exc. = 0.0 cy — Emb. = 275.0 cy.

640+86 — 11.34

640+57 — 10.14

640+50 — 11.19 — 16.50 — C = 0 F = 166.5 ℄ — Exc. = 2.8 cy — Emb. = 166.7 cy

640+47 — 13.29

640+25 — 14.19

640+00 — 15.34 — 16.20 — C = 3.0 ℄ F = 49.5 ℄ — Exc. = 143.7 cy — Emb. = 45.7 cy

639+83 — 15.69

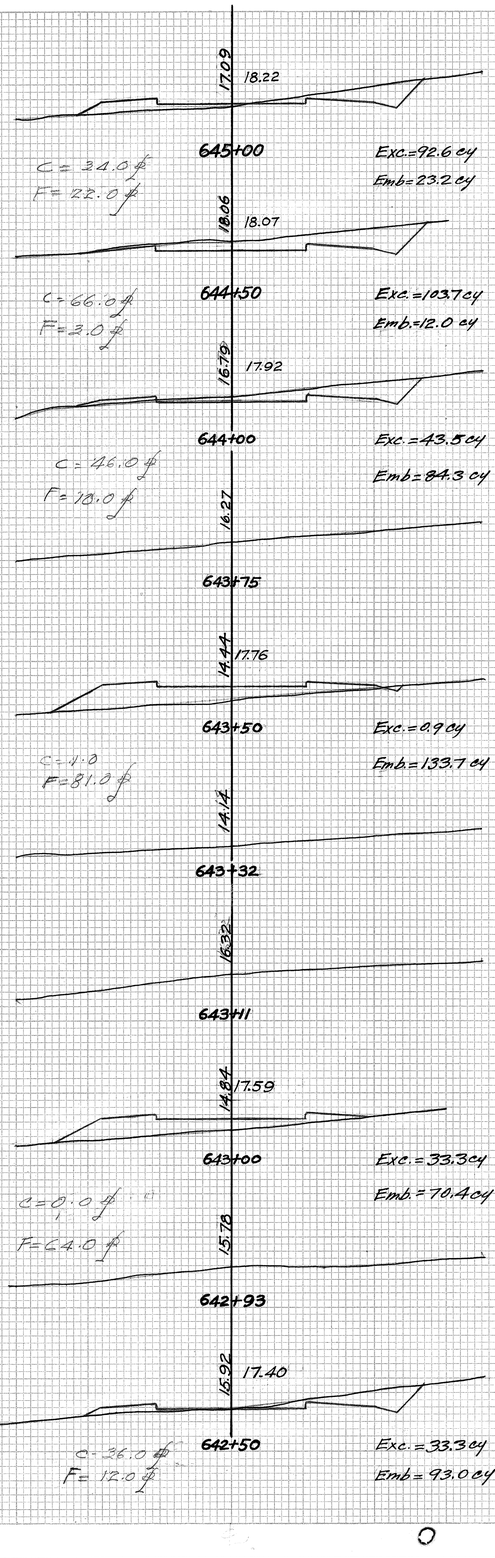
PLATE 3 — CROSS SECTION. A. P. W. A. & E. E. STANDARD. KRUMPEL & ESSER CO., NEW YORK.

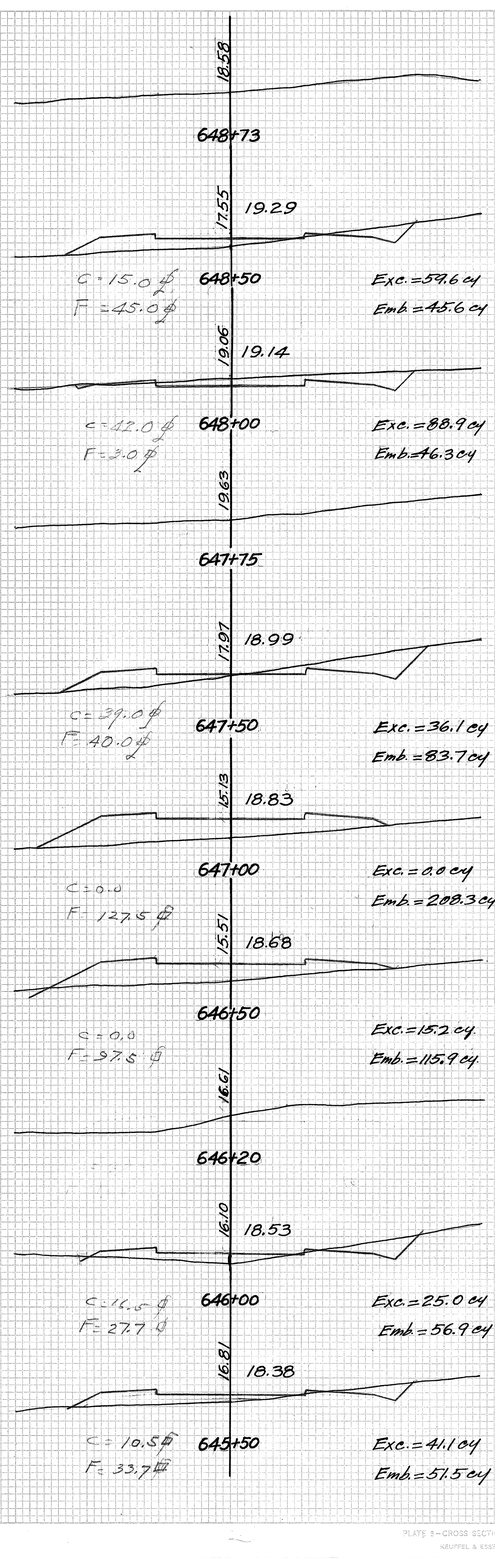
9

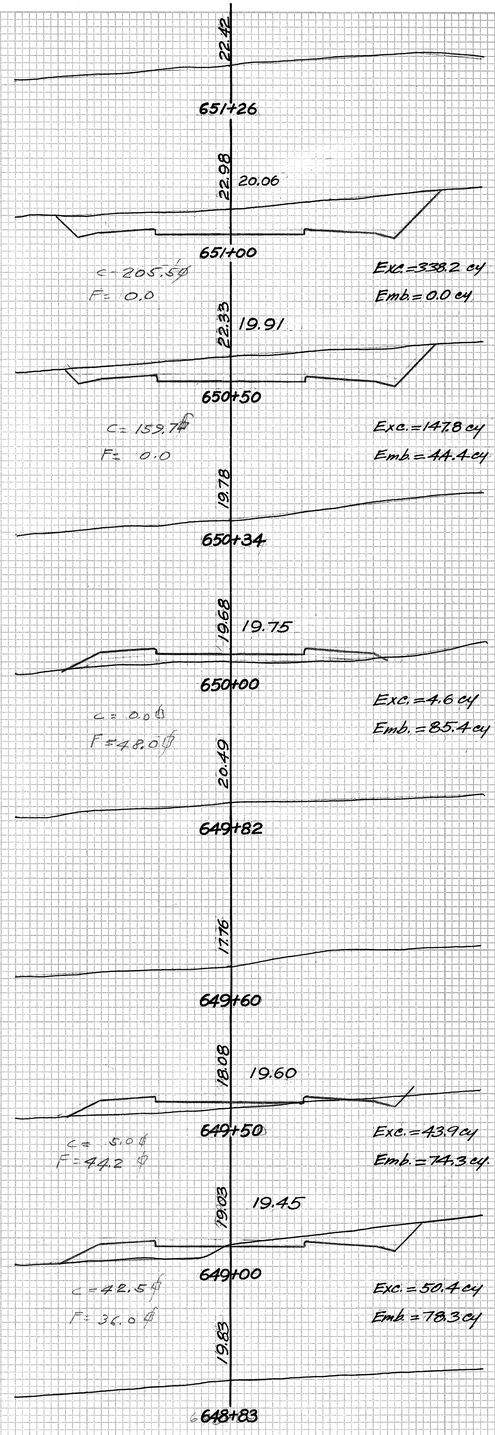
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
			1936	10	12

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

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







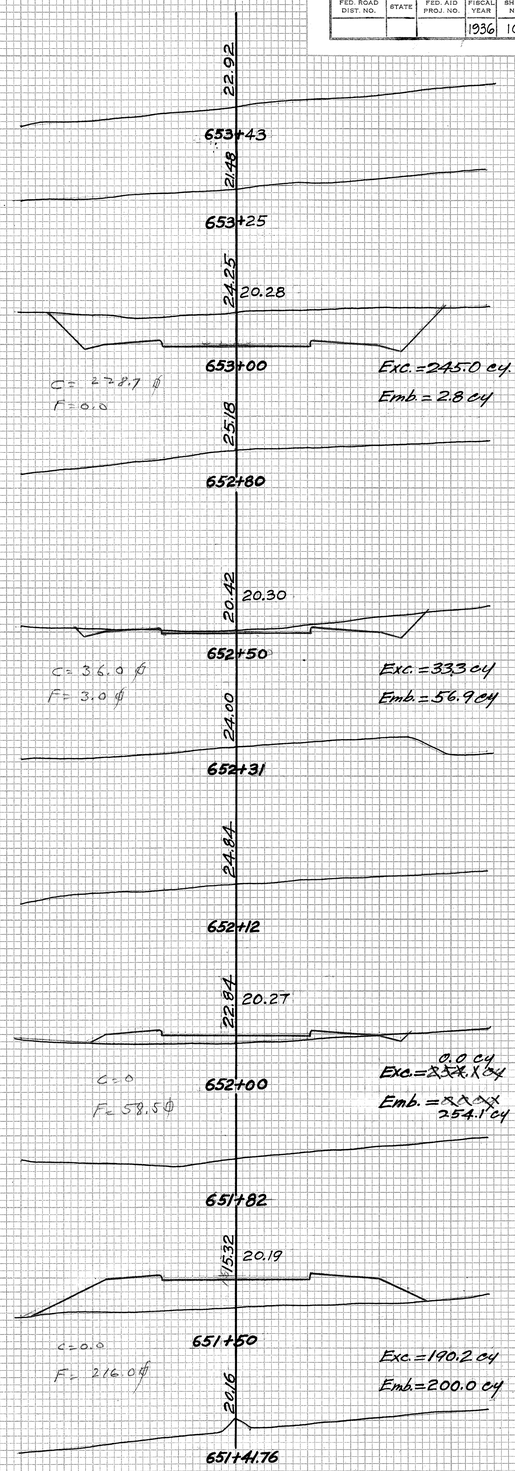


PLATE 3—CROSS SECTION C. P. R. R. E. STANDARD
KRUPPEL & KISSEL CO., NEW YORK.

LAHAINA

11

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
			1936	11	12

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

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

1634 18.40
C = 1.0 ☆
F = 74.2 ☆
657+00
Exc. = 1.9 cy
Emb. = 139.3 cy

1640 18.81
C = 1.0 ☆
F = 76.5 ☆
656+50
Exc. = 18.9 cy
Emb. = 131.9 cy

1769 19.15
C = 19.5 ☆
F = 66.0 ☆
656+00
Exc. = 18.0 cy
Emb. = 185.2 cy

1624 19.48
C = 0
F = 134.2 ☆
655+50
Exc. = 0.0 cy
Emb. = 349.3 cy

1590 19.90
C = 0
F = 243.0 ☆
655+00
Exc. = 25.6 cy
Emb. = 229.7 cy

1457 19.95
C = 27.7 ☆
F = 4.0 ☆
654+50
Exc. = 25.6 cy
Emb. = 35.6 cy

1926 20.09
C = 0
F = 34.5 ☆
654+00
Exc. = 106.1 cy
Emb. = 31.9 cy

2000 20.00
C = 0
F = 114.7 ☆
653+64
Exc. = 218.0 cy
Emb. = 0.0 cy

2234 20.21
653+50

1749 14.94
C = 168.7 ☆
F = 0
661+00
Exc. = 367.6 cy
Emb. = 0.0 cy

1876 18.76
660+70.81

1929 15.39
C = 228.3 ☆
F = 0
660+50
Exc. = 471.0 cy
Emb. = 0.0 cy

2063 15.80
C = 280.5 ☆
F = 0.0
660+00
Exc. = 393.0 cy
Emb. = 0.0 cy

1811 16.24
C = 144.0 ☆
F = 0
659+50
Exc. = 237.4 cy
Emb. = 0.0 cy

1799 16.67
C = 112.5 ☆
F = 0
659+00
Exc. = 139.4 cy
Emb. = 18.0 cy

1589 17.10
C = 38.2 ☆
F = 19.5 ☆
658+50
Exc. = 39.1 cy
Emb. = 55.1 cy

1581 17.54
C = 4.0 ☆
F = 30.7 ☆
658+00
Exc. = 3.7 cy
Emb. = 250.6 cy

1399 17.97
F = 180.0 ☆
C = 0.0 ☆
657+50
Exc. = 0.9 cy
Emb. = 235.4 cy

1239 18.14
657+30

1409 14.09
657+22

1562
665+90.75

1447 11.04
C = 220.5 ☆
F = 0
665+50
Exc. = 380.9 cy
Emb. = 0.0 cy

1469 11.47
C = 191.0 ☆
F = 0
665+00
Exc. = 496.3 cy
Emb. = 0.0 cy

1727
664+73

1775 11.91
664+50
Exc. = 496.3 cy
Emb. = 0.0 cy

1484 12.34
C = 345.0 ☆
F = 0
664+00
Exc. = 265.0 cy
Emb. = 0.0 cy

1454 13.77
C = 191.0 ☆
F = 0
663+50
Exc. = 133.9 cy
Emb. = 16.7 cy

1359 13.21
C = 95.2 ☆
F = 0 ☆
663+00
Exc. = 85.4 cy
Emb. = 14.4 cy

1380 13.64
C = 49.5 ☆
F = 9.0 ☆
662+50
Exc. = 39.4 cy
Emb. = 64.4 cy

1179 14.07
C = 42.7 ☆
F = 6.7 ☆
662+00
Exc. = 52.8 cy
Emb. = 58.7 cy

1487 14.51
C = 0.0 ☆
F = 63.0 ☆
661+50
Exc. = 208.9 cy
Emb. = 0.6 cy

708
667+34

676 6.76
667+21

1042 9.81
C = 108.0 ☆
F = 0
667+00
Exc. = 215.2 cy
Emb. = 0.0 cy

1217
666+63

1041 10.19
666+50
Exc. = 328.0 cy
Emb. = 0.0 cy

C = 124.5 ☆
F = 0

1135 11.35
666+06

1275 12.75
666+04
Exc. = 39.4 cy
Emb. = 64.4 cy

1325 10.61
666+00
Exc. = 417.0 cy
Emb. = 0.0 cy

C = 230.0 ☆
F = 0

1542
665+93

PLATE 3—CROSS SECTION U. S. N. & R. E. STANDARD
KRUPPEL & DOSS CO., NEW YORK.

11

LAHAINA

(12)

STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
		1936	12	12

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

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

671+76
4.00
2.78
8.02
F= 183.7 ϕ
8.0°
Exc.=0.0 cy
Emb.=278.0 cy

671+50
F= 116.5 ϕ
4.78
8.07

671+00
Exc.=0.0 cy
Emb.=194.6 cy
F= 93.7 ϕ
6.02
8.16

670+50
Exc.=0.0 cy
Emb=283.2 cy.
F= 212.7 ϕ
4.02
8.29

670+00
Exc.=0.0 cy
Emb=483.2 cy
2.60
8.45
F= 309.7 ϕ

669+50
Exc.=0.0 cy
Emb=596.9 cy
F= 335.7 ϕ
1.38
8.66

669+00
Exc.=0.0 cy
Emb.=626.9 cy
F= 347 ϕ
1.43
8.89

668+50
Exc.=8.3 cy
Emb.=427.0 cy
C= 9.0 ϕ
F= 119.2 ϕ
7.68
9.16

668+00
C= 6.7 ϕ
F= 99.7 ϕ
Exc.=14.4 cy
Emb.=202.6 cy
7.58
9.47

667+50
Exc.=106.1 cy
Emb.=95.0 cy

673+00
6.14
C= 30.7 ϕ
F= 27.0 ϕ

F= 27.7 ϕ
6.16
7.90

672+50
6.57

672+23
5.19

672+18
F= 99.5 ϕ
4.64
8.00

672+00
Exc.=0.0 cy
Emb.=262.0 cy
2.02

671+87

PLATE 3—CROSS SECTION U. S. R. & R. STANDARD
KRUTTSEL & EGGAT CO., NEW YORK.

12