FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HP-1(5)	1970	68	130

FINAL SURVEY — ORIGINAL SURVEY — DATE — BY — SURVEYED — PLOTTED — AREAS — AREAS CHECKED — NO. — DATE

R/W Line 110' from ℄

650
640

Inv. 642.00
S=0.0040
647.68
Inv. 642.50
651.1
290+50
C= ~~446~~ 547
F= 111
Exc.= ~~1,100~~
Emb.= ~~143~~

R/W Line 100' from ℄

R/W

650.18
652.7
650
640
290+00
C= ~~718~~ 430
F= ~~143~~ 57
Exc.= ~~977~~
Emb.= ~~246~~

652.76
654.1
650
289+48.29
C= ~~269~~ 310
F= ~~114~~ 127
Exc.= ~~884~~
Emb.= ~~318~~

655.18
654.7
650
640
289+00
C= ~~160~~ 154
F= ~~248~~ 321
Exc.= ~~666~~
Emb.= ~~280~~

BEGIN OF PROJECT

657.53
657.53
655.6
650
640
288+50
C= 71
F= 242
Exc.= 69
Emb.= 241

660.
660.03
656.1
650
640
288+00
C= 3
F= 450

R/W Line 110' from ℄

R/W

℄

R/W Line 110' from ℄

651.4
650
640
293+00
635.18
C= 957
F= 0
Exc.= ~~1,747~~
Emb.= 0

643.5
650
640
292+50
637.68
C= ~~230~~ 870
F= 0
Exc.= ~~1,600~~
Emb.= 0

645.5
650
640
292+00
640.18
C= ~~197~~ 756
F= 0
Exc.= ~~1,406~~
Emb.= 0

647.3
650
640
291+50
642.68
C= 721
F= 0
Exc.= ~~1,186~~
Emb.= 0

649.4
650
640
291+00
645.18
582
C= ~~560~~
F= ~~0~~ 0
Exc.= ~~931~~
Emb.= ~~10~~

R/W Line 110' from ℄

R/W

R/W Line 110' from ℄

℄

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 1 OF ~~56~~ SHEETS

Aug. 19, 1971 (C) (D) . (G) (S)

PLATE 3-CROSS SECTION, F.A.P.
EQUIPMENT RENTAL BOARD

30

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(61)0	1970	131	131

294+00
C=36
F=9
℄ 621.00
EXC.=73
EMB.=8
C=70
F=0
℄ 624.25
EXC.=148
EMB.=0
C=82
F=0
℄ 627.50
EXC.=131
EMB.=0
C=53
F=0
℄ 630.75
EXC.=60
EMB.=0
C=20
F=0
℄ 633.47
EXC.=6
EMB.=0

293+50
℄ 620.39
EXC.=143
EMB.=10

293+00
℄ 619.47
EXC.=142
EMB.=0

292+50
℄ 618.99
EXC.=12
EMB.=8

292+00

296+00
C=40
F=0
EXC.=16
EMB.=15

295+50
C=12
F=1

295+00
C=75
F=0

294+50
C=76
F=0

APPROVED BY:
HECo. 12/30/71 DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HECo. ACCESS ROAD
CROSS-SECTION

CO 68A

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HP-1(5)	1970	69	130

R/W Line 110' from ℄

630 / 620

627.3 — R/W — 619.85 — 619.85

Exc. = ~~2330~~
Emb= 0

296+00

C= ~~1316~~ 1300
F= 0

630.2

622.35 — 622.35

Exc. = ~~2227~~
Emb= 0

295+50

C= 1200
F= 0

632.7

624.85 — 625.18 — 624.85

Exc. = ~~2127~~
Emb= 0

295+00

C= ~~1205~~ 1190
F= 0

634.7

627.68

Exc. = ~~1099~~
Emb= 0

294+50

C= ~~1002~~ 1172
F= 0

637.0

630.18

Exc. = ~~1,906~~
Emb= 0

294+00

C= 1067
F= 0

638.8

632.68 — R/W

Exc. = ~~1,805~~
Emb= 0

293+50

C= ~~902~~ 1024
F= 0

R/W Line 110' from ℄

℄

M.L. — 611.7 — M.L.

609.85 — 609.85

Exc. = ~~60~~
Emb= 14

C= 39
F= 25

0B 298+00

613.35 — 613.35

Exc. = ~~438~~
Emb= 0

C= ~~68~~ 62
F= 0

297+69.64

612.35 — 612.35

Exc. = ~~1049~~
Emb= 0

297+50

C= ~~900~~ 932
F= 0

614.85 — 614.85

Exc. = ~~2351~~
Emb= 0

297+00

C= ~~1205~~ 1200
F= 0

617.35 — 617.35

Exc. = ~~2454~~
Emb= 0

296+50

C= ~~1334~~ 1358
F= 0

℄

620 / 610

614.4

See Plan for Cut-off Ditch location

1B 298+00

C= ~~280~~ 384
F= 0

Exc. = ~~291~~
Emb= 0

TOTAL = 423

615.8

C= ~~305~~ 246
F= 0

TOTAL = 308

618.0

626.7

626.2

R/W

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 2 OF 56 SHEETS

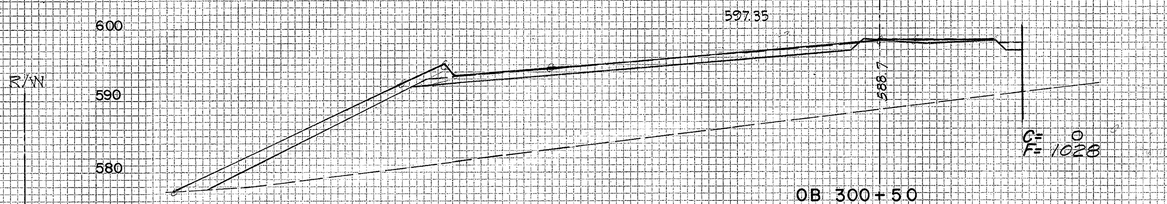
Aug. 12, 1971

BLAKE S-CROSS SECTION, F.L.A.
CLEARPRINT PAPER CO., S.F. CAL.

31

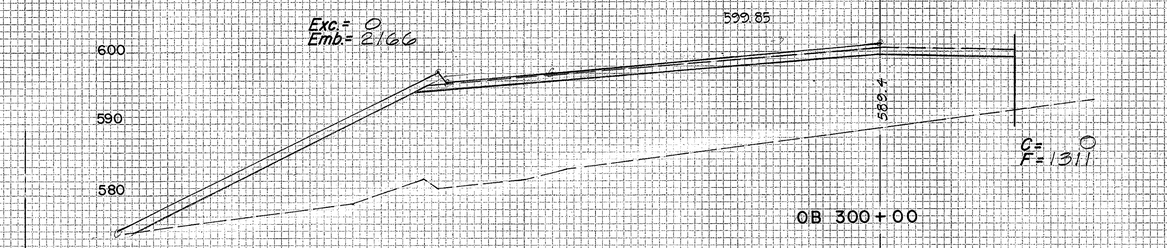
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HP-1(8)	1970	70	130

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



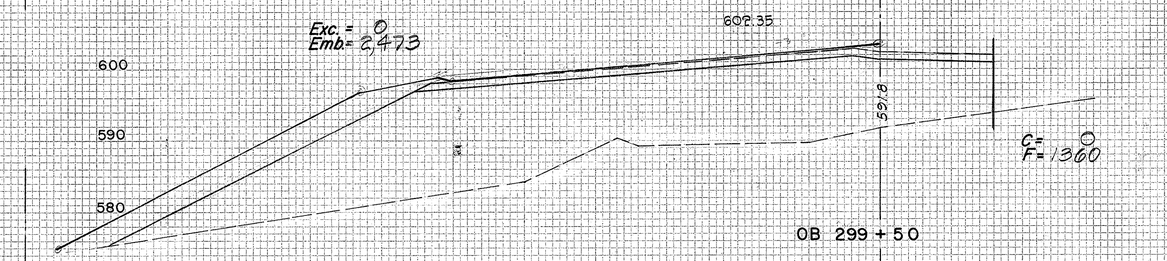
OB 300+50

Exc.= 0
Emb= 2166



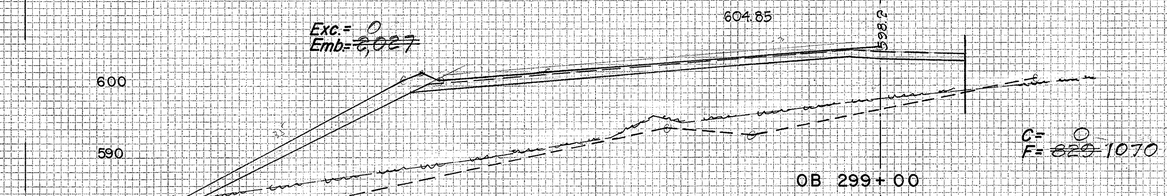
OB 300+00

Exc.= 0
Emb= 2,473



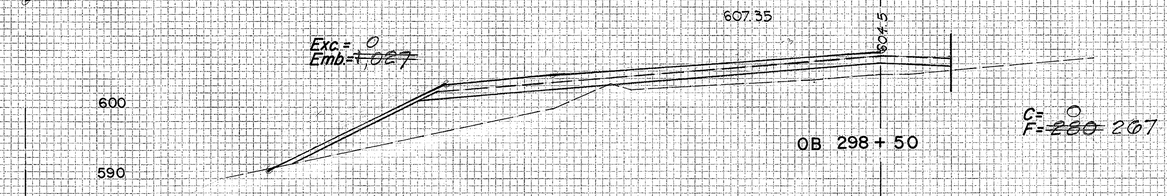
OB 299+50

Exc.= 0
Emb= ~~2,027~~



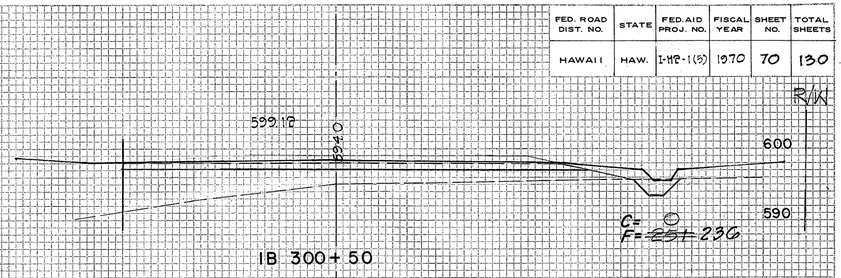
OB 299+00

Exc.= 0
Emb= ~~1,027~~



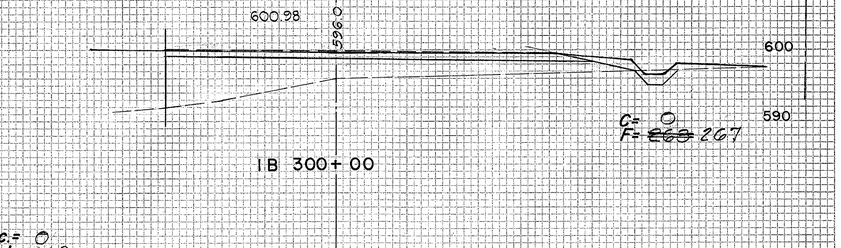
OB 298+50

Exc.= ~~36~~
Emb= ~~282~~



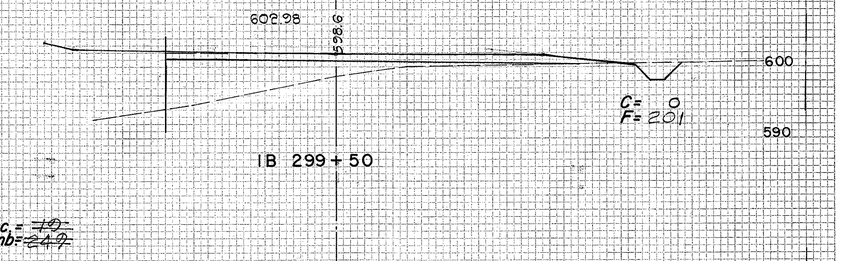
1B 300+50

Exc.= 0
Emb= ~~476~~



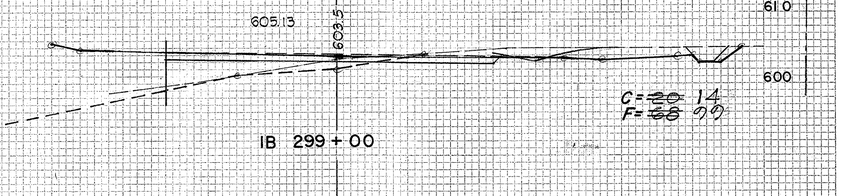
1B 300+00

Exc.= 0
Emb= ~~430~~



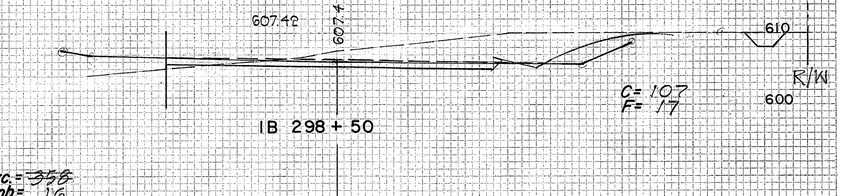
1B 299+50

Exc.= ~~10~~
Emb= ~~249~~



1B 299+00

Exc.= ~~116~~
Emb= ~~99~~



1B 298+50

Exc.= ~~358~~
Emb= 16

SCALE : Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 3 OF 56 SHEETS

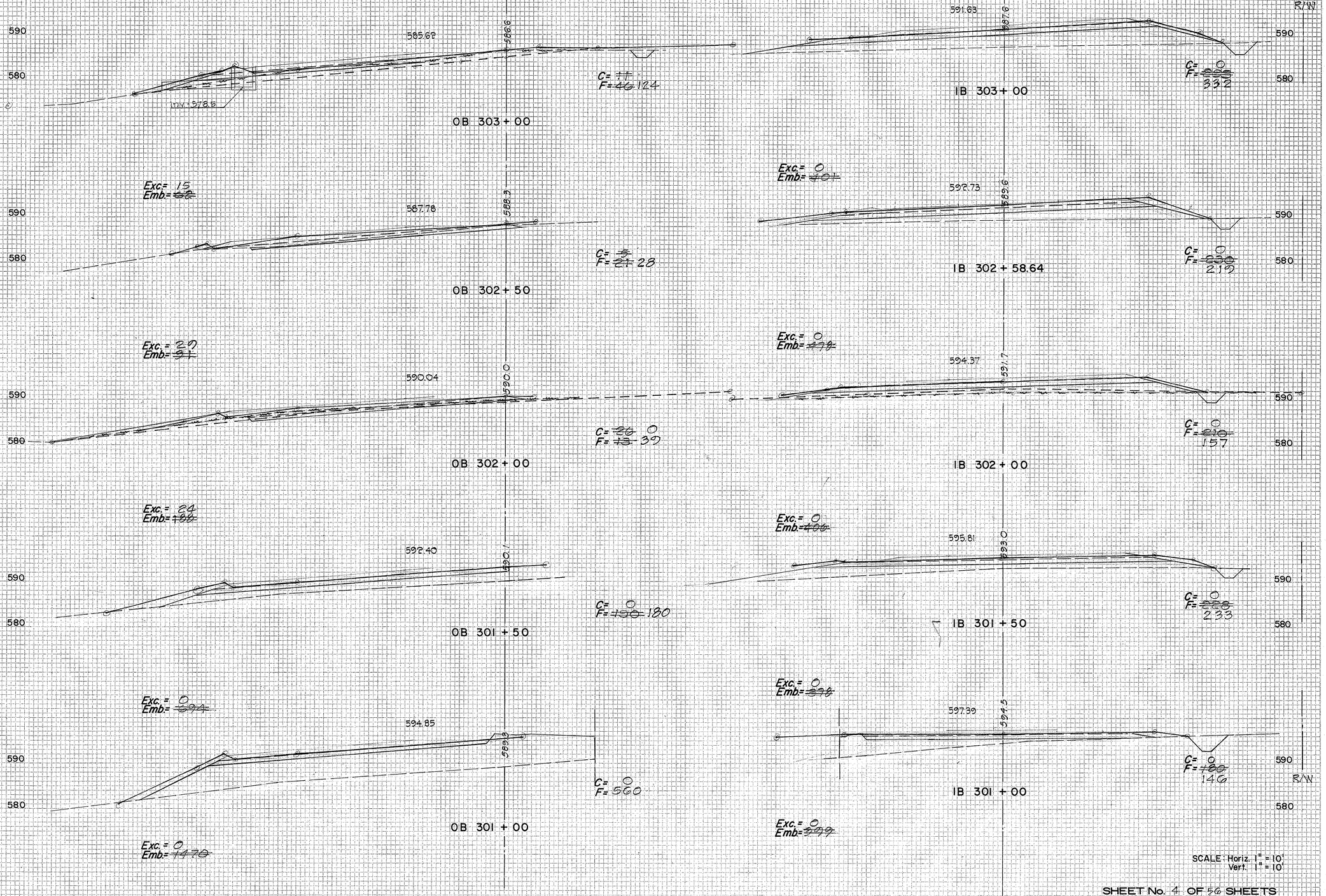
FORM 3-CROSS SECTION, F.A.S.
CARBONITE PAPER CO., S. P. CAL.
NO. 10000-2

Aug. 12, 1971 (C) (D) 3 (D)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HR-1(5)	1970	71	130

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

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



SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 4 OF 56 SHEETS

BE 3 - CROSS SECTION, P.A.S.
SAPPHIRE PAPER CO., S. F. CAL. NO. 1700N-3

Aug. 19, 1971

CD. 71

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HP-1(5)	1970	72	130

FINAL SURVEY — ORIGINAL SURVEY

SURVEYED / PLOTTED / TEMPLATE / AREAS / VOLS. COMPUTED / NOTE BOOK / NO. / PAGE / CHECKED / BY / DATE

R/W Line 260' from ℄

574.67

C= 0
F= ~~3374~~ 3398

Exc.= 0
Emb= ~~1,596~~

583.41

572.4

C= 0
F= ~~958~~ 979

IB 306+00

560.2

OB 306+00

584.78

576.25

Exc.= 0
Emb= ~~4871~~

C= 0
F= ~~1587~~ 1916

565.5

576.2

C= 0
F= ~~721~~ 745

IB 305+50

R/W Line 74' from ℄

Exc.= 0
Emb= ~~1,067~~

R/W Line 260' from ℄

OB 305+50

586.15

577.93

Exc.= 0
Emb= ~~2445~~

C= 0
F= ~~754~~ 883

Inv.= 561.0

570.7

560.9

C= 0
F= ~~453~~ 446

IB 305+00

Exc.= 0
Emb= ~~696~~

OB 305+00

587.52

579.72

Exc.= 0
Emb= ~~1,049~~

564.2

566

C= 0
F= 200

IB 304+50

R/W Line 70' from ℄

C= 0
F= ~~370~~ 458

OB 304+50

Exc.= 0
Emb= ~~544~~

588.89

581.58

Exc.= 0
Emb= ~~576~~

563.5

560.8

C= 0
F= ~~248~~ 270

IB 304+00

C= 0
F= ~~248~~ 222

OB 304+00

Exc.= 0
Emb= ~~536~~

590.26

583.56

Exc.= 0
Emb= ~~576~~

566.6

563.6

C= 0
F= ~~203~~ 338

IB 303+50

R/W Line 68' from ℄

C= 0
F= ~~166~~ 170

OB 303+50

Exc.= 0
Emb= ~~543~~

Exc.= 10
Emb= ~~195~~

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 5 OF 56 SHEETS

℄

Aug. 19, 1971 ℄ (1) . 72

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(5)	1970	73	130

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

R/W Line 260' from ℄
570.45
570
560
550
540
530
520
510
500
490
480
OB 307+50
Inv. 535.80
525.3
℄
R/W Line 74' from ℄
579.30
580
570
C= 0
F= ~~9342~~ 9744
565.3
571.79
570
560
550
540
530
520
510
500
490
480
IB 307+50
C= 0
F= ~~1196~~ 1249
Inv. 476.50
S=0.0040
Exc. = 0
Emb= ~~15,029~~
Exc. = 0
Emb= ~~2,250~~
580.67
580
570
543.6
567.2
C= 0
F= ~~6689~~ 7127
OB 307+00
C= 0
F= ~~1234~~ 1260
IB 307+00
573.19
570
560
550
540
530
520
510
500
490
480
Inv. = 564.0
Exc. = 0
Emb= ~~2,210~~
557.0
C= 0
F= ~~4776~~ 5006
OB 306+50
582.04
580
570
589.0
R/W Line 260' from ℄
C= 0
F= ~~1103~~ 1154
IB 306+50
Exc. = 0
Emb= ~~10,616~~
Exc. = 0
Emb= ~~7,546~~
Exc. = 0
Emb= ~~5,001~~
R/W Line 74' from ℄

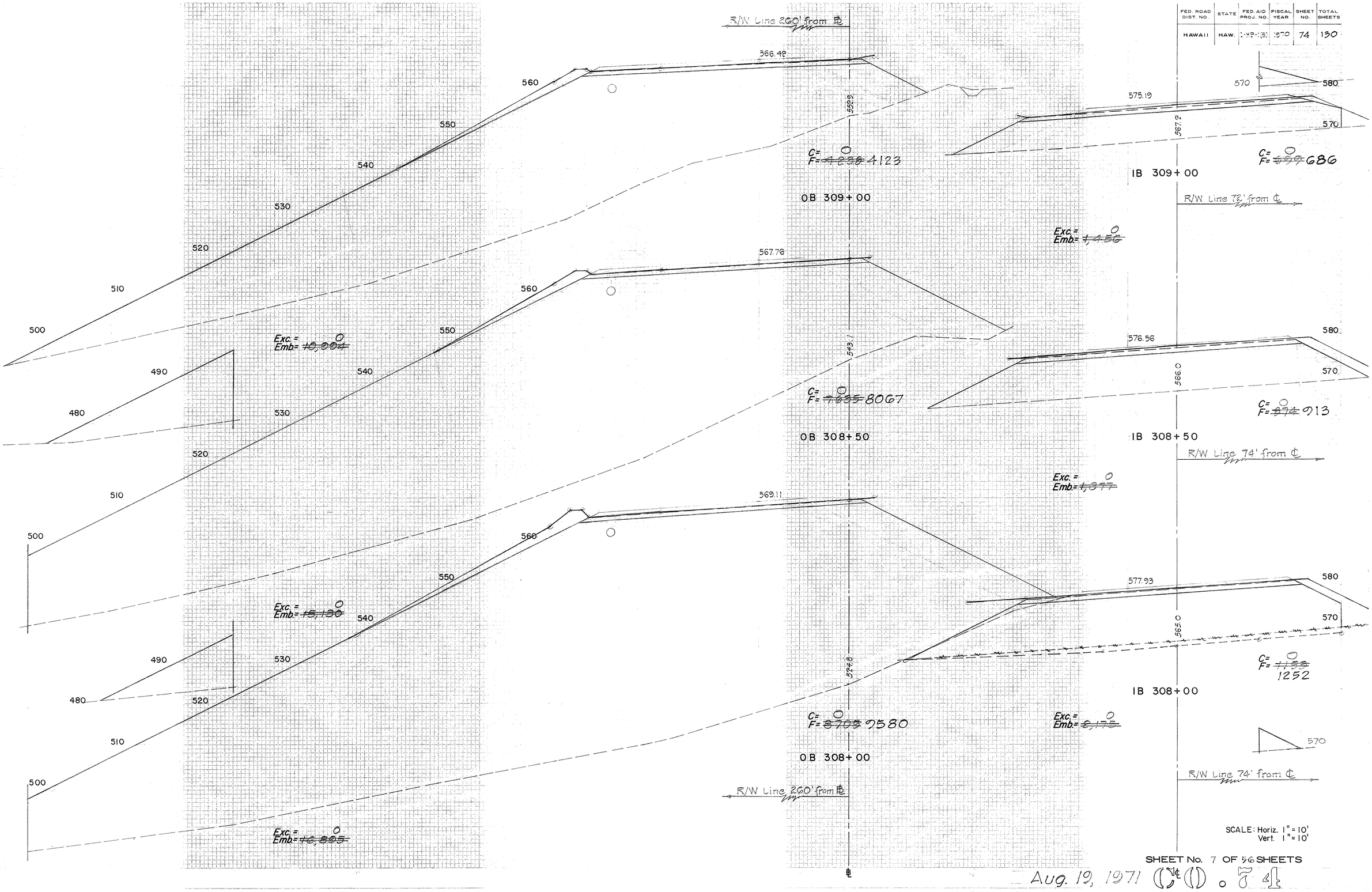
SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 6 OF 56 SHEETS

PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S.F. CAL.
NO. 1000H-3

Aug. 19, 1971 ℄ (1) . 73

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	[illegible]	1970	74	130



SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 7 OF 56 SHEETS

Aug. 19, 1971 (Sta) 0 74

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(5)	1970	75	130

R/W

560 570

566.7 — 558.36 — C= ~~1051~~ 682, F= 0

0B 312 + 00

Exc.= ~~1,266~~, Emb= 0

567.8 — 559.70 — C= ~~706~~ 644, F= 0

0B 311 + 50

Exc.= ~~1,238~~, Emb= 0

568.9 — 561.05 — C= ~~625~~ 559, F= 0

0B 311 + 00

Exc.= ~~981~~, Emb= 0

568.1 — 562.39 — C= ~~435~~ 392, F= 0

R/W Line 100' from ℄

0B 310 + 50

Exc.= ~~504~~, Emb= ~~14~~

565.3 — 563.73 — C= 109, F= ~~15~~ 0

Inv. 556.0

0B 310 + 00

R/W

Exc.= ~~101~~, Emb= ~~1,400~~

R/W Line 200' from ℄

565.08 — 561.5

C= ~~0~~, F= ~~1594~~ 1837

0B 309 + 50

550 540

Exc.= 0, Emb= ~~5,400~~

566.07 — 568.7 — C= ~~170~~ 220, F= 0

1B 312 + 00

Exc.= ~~289~~, Emb= 0

568.34 — 570.0 — C= ~~119~~ 158, F= 0

1B 311 + 50

Exc.= ~~215~~, Emb= 15

569.71 — 570.1 — C= ~~80~~ 76, F= ~~16~~ 18

1B 311 + 00

Exc.= ~~118~~, Emb= ~~43~~

571.08 — 570.7 — C= ~~55~~ 38, F= ~~30~~ 35

1B 310 + 50

Exc.= ~~91~~, Emb= ~~184~~

572.45 — 570.1 — C= 0, F= ~~169~~ 223

1B 310 + 00

Exc.= 0, Emb= ~~574~~

573.82 — 569.0

Inv. 568.0

C= 0, F= ~~451~~ 425

1B 309 + 50

Exc.= 0, Emb= ~~1,065~~

580 570

R/W

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 8 OF 56 SHEETS

Aug. 19, 1971

(1) 75

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO	Sheet No.
HAWAII	HAW.	I-HZ-1(5):0	75A

42'% : 08 ℄ (Ret)

307+00
EXC. = 0
EMB. = 1150
C = 0
~~F = 1370~~ Final
F = 1370 6/28/73

306+75
EXC. = 0
EMB. = 968
C = 0
~~F = 1115~~
F = 1118 Final
6/28/73

306+50
EXC. = 0
EMB. = 1695
C = 0
~~F = 976~~
F = 959 Final
6/28/73

306+00
EXC. = 0
EMB. = 1353
C = 0
~~F = 803~~ Final
F = 803 Final
6/28/73

305+50
EXC. = 0
EMB. = 876
C = 0
~~F = 628~~
F = 583 (Final)
6/28/73

305+00
EXC. = 0
EMB. = 387
C = 0
~~F = 515~~
F = 343 Final
6/28/73

304+50
EXC. = 0
EMB. = 93
C = 0
~~F = 100~~
F = 139 (Final)
6/28/73

ZERO Station 304+00

AS BUILT GRADE
SURVEYOR'S LINE & 13 mg 46 - 45

308+25
EXC. = 0
EMB. 1571
C = 0
~~F = 1699~~
F = 1553 (Final)
6/28/73

308+00
EXC. = 0 2:1
E.M.B. = 1661
C = 0
~~F = 1695~~
F = 1817 FINAL
6/28/73

307+75
EXC. = 0
EMB. = 1791
C = 0
~~F = 1832~~
F = 1904 Final
6/28/73

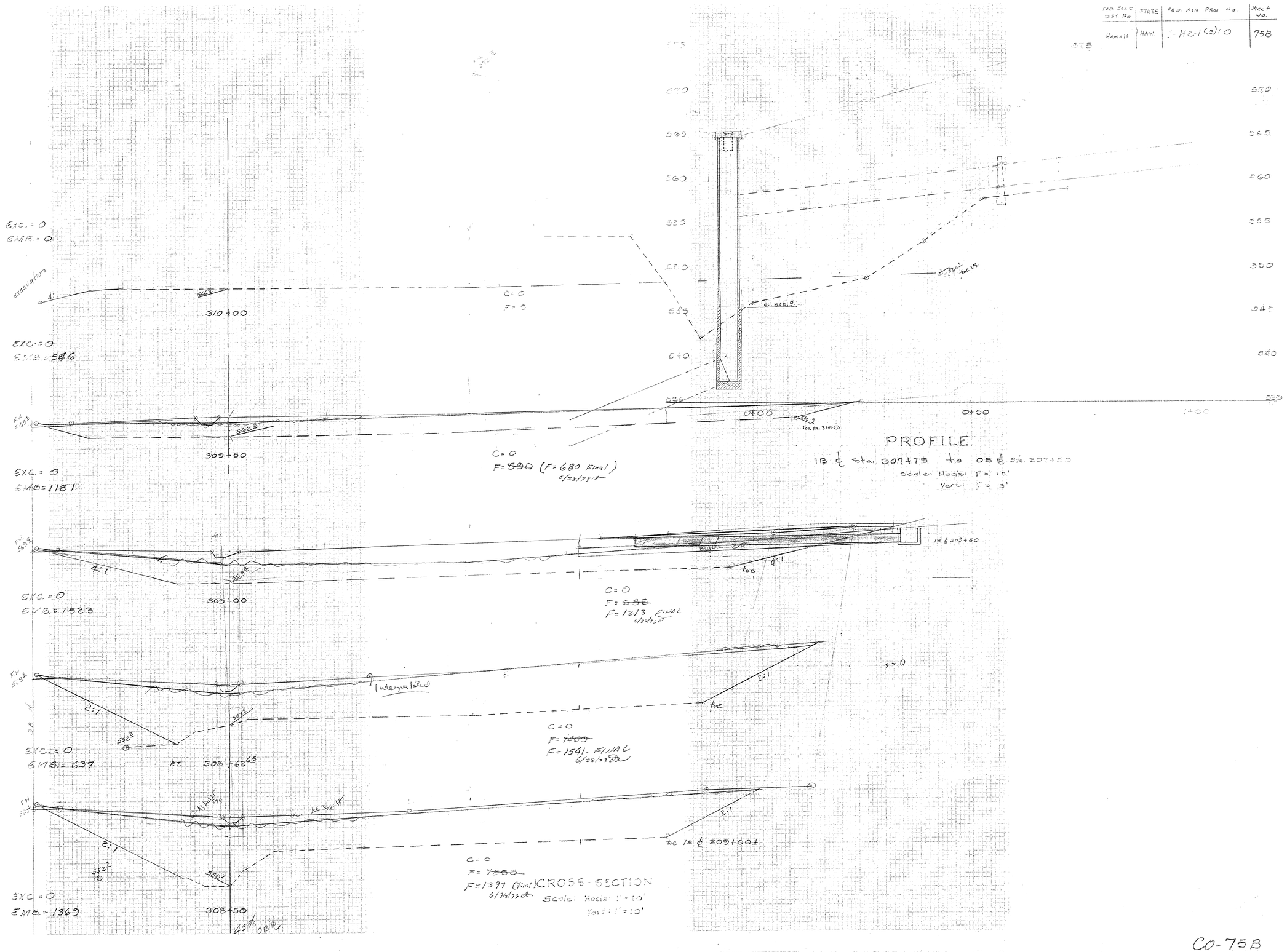
307+50
EXC. = 0
EMB. = 1724
C = 0
~~F = 1876~~
F = 1939 Final
6/28/73

307+25
EXC. = 0
EMB. = 1444
C = 0
~~F = 1745~~
F = 1626 Final
6/28/73

Scale: Horiz: 1" = 10'
Vert: 1" = 10'

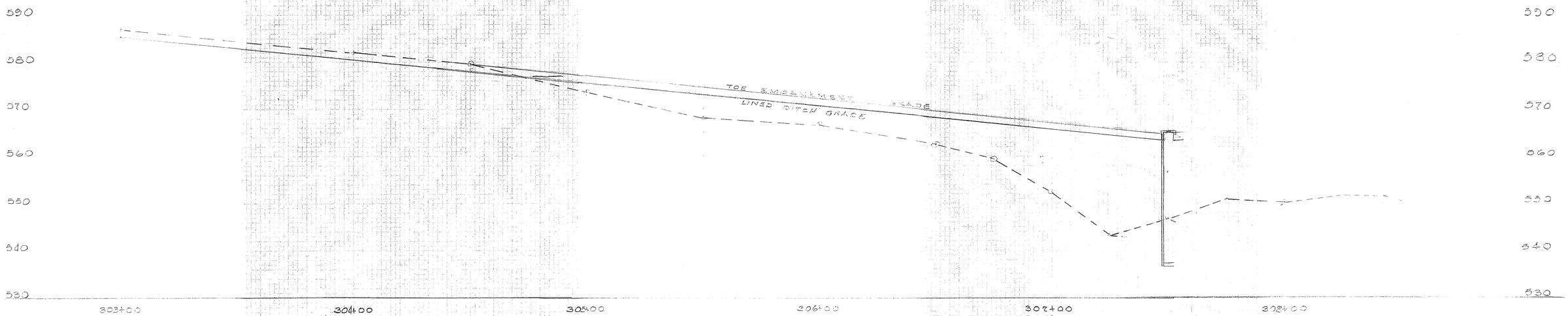
CO 75A

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	Sheet No.
HAWAII	HAW	I-H2-1(3):0	75B



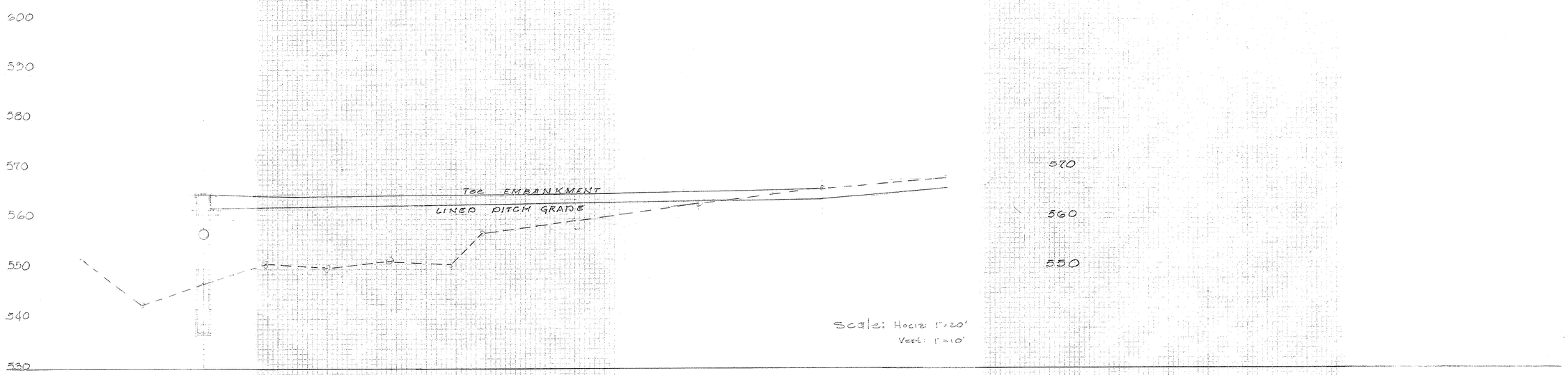
CO-75B

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
HAWAII	HAW.	I-HZ-1(5):0	75C



PROFILE
LINED DITCH - OB ℄ sta. 303+00 to ℄ sta. 307+80 (right)
45% @ OB

Scale: Horiz. 1"=20'
Vert. 1"=10'

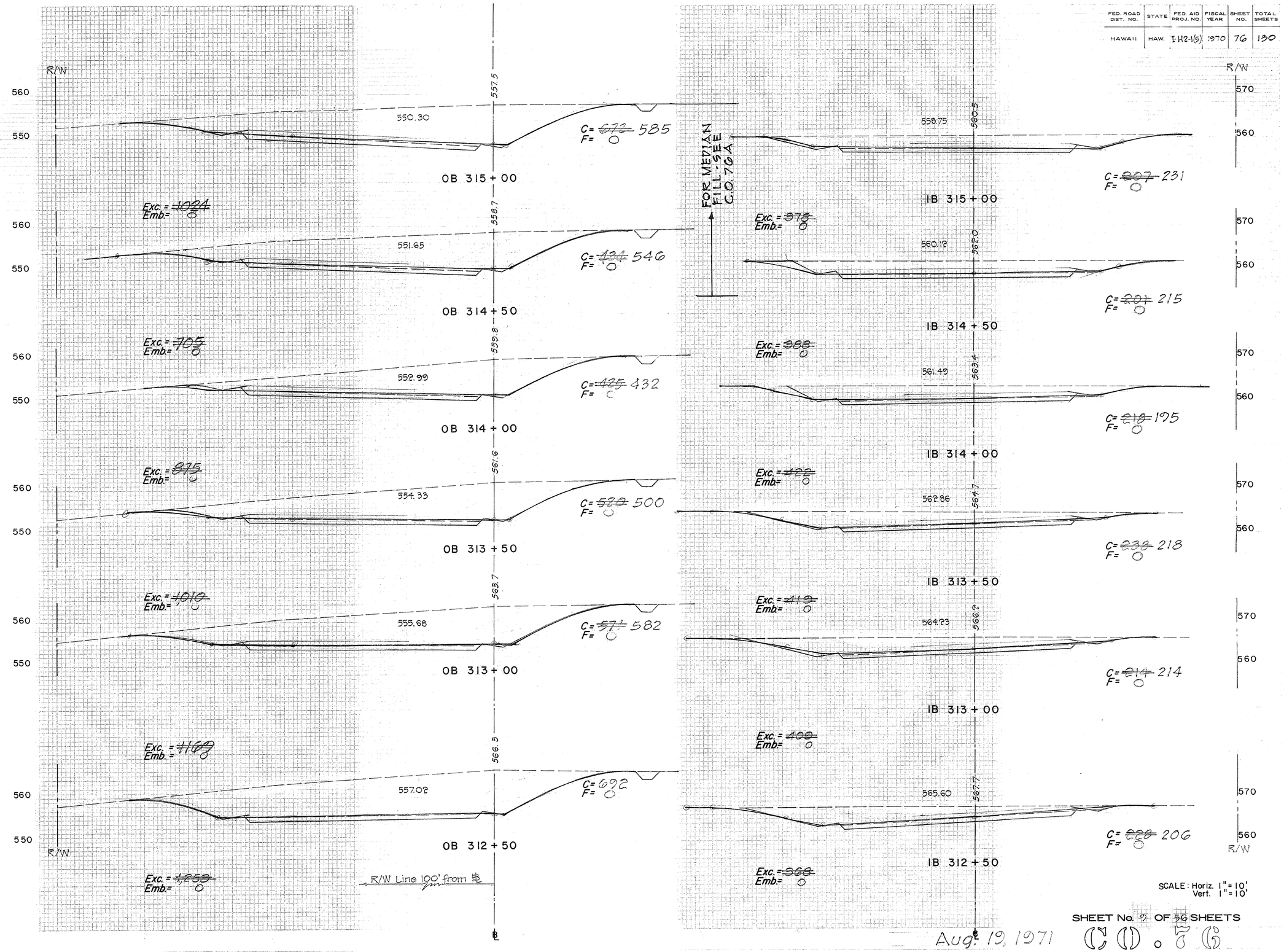


PROFILE
LINED DITCH - OB ℄ sta. 307+50 to ℄ sta. 310+50 (right)
45% OB @

Scale: Horiz. 1"=20'
Vert. 1"=10'

CO-75C

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(6)	1970	76	130



SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 2 OF 56 SHEETS

Aug. 19, 1971

(C) 0. 76

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(5):0		1	3

NOTE: FINAL CROSS SECTIONS TAKEN 90° to INBOUND STATIONS
See SURVEYOR'S LEVEL BOOK #17 pages 52-59

NEW REFERENCE LINE - 110' ⅞ - Left of Station LINE 1313 ROUNDED

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

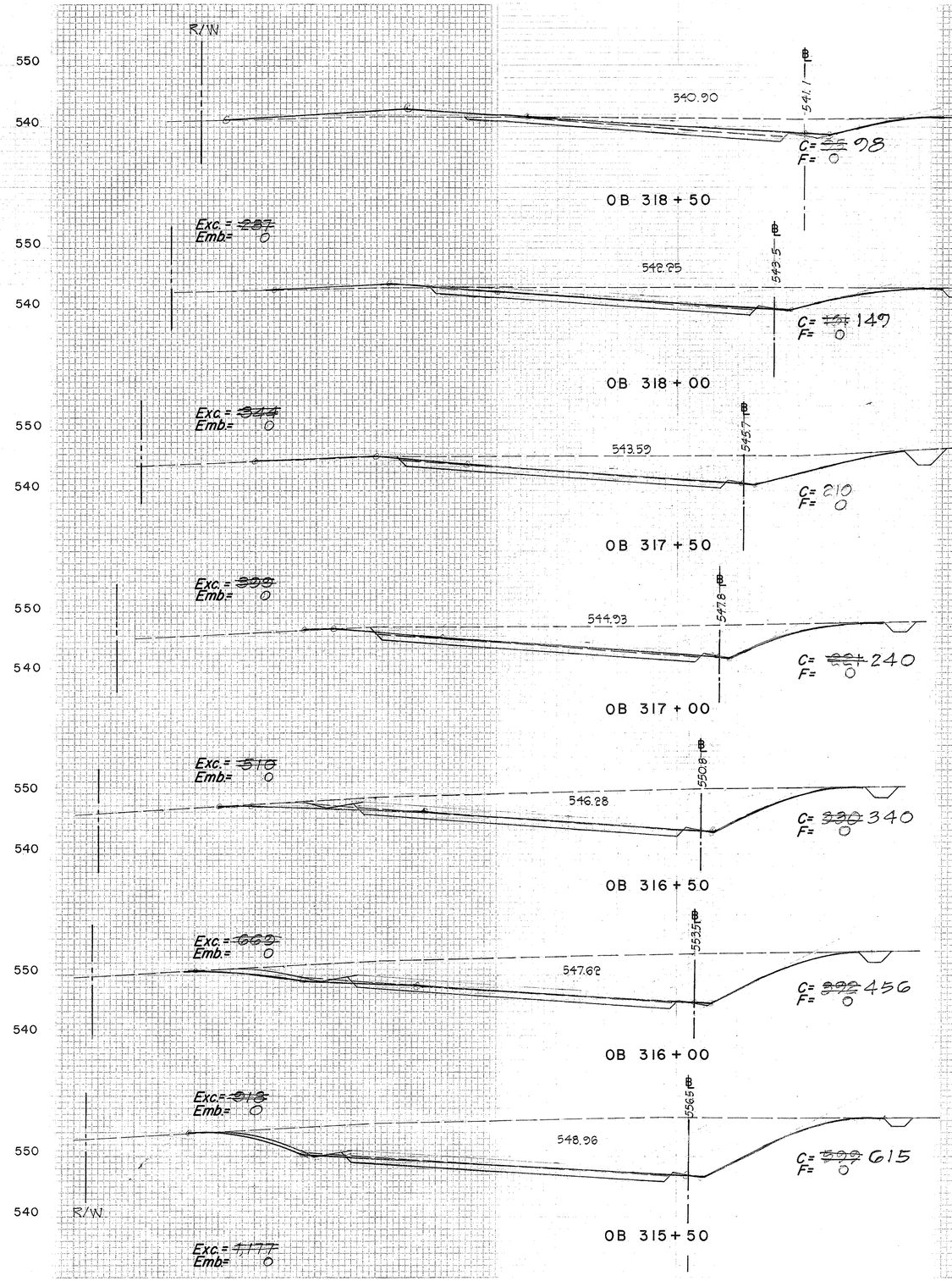
PROFILE DRAINAGE DITCH
OB Sta 313+50 → IB & Sta 317+75 (±)

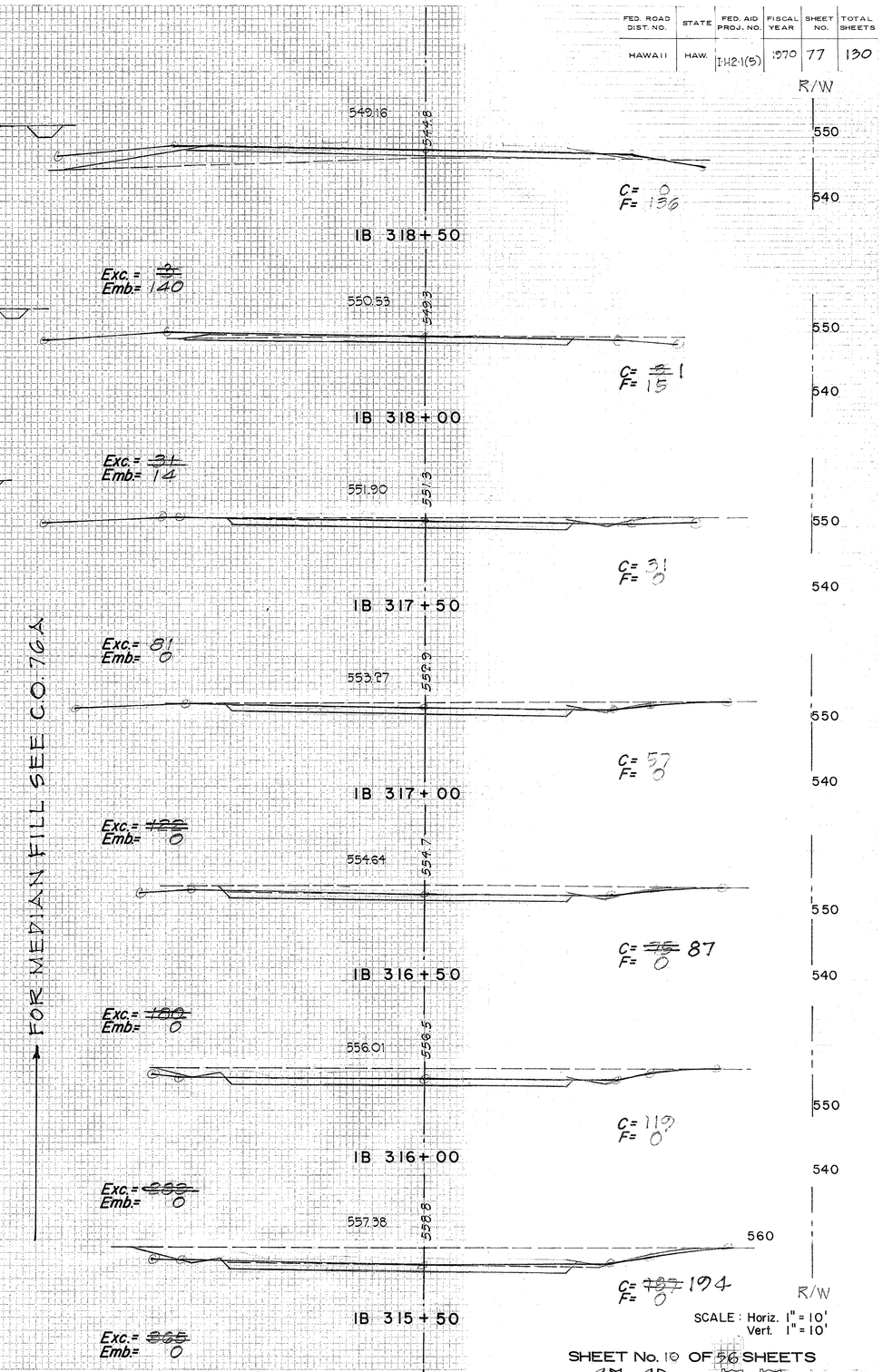
PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO. S.F. CAL. NO. 1000H-3

(8/1/72 Rev.) CO 76A 7/24/72

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	77	130

FOR MEDIAN FILL SEE C.O. 76-A





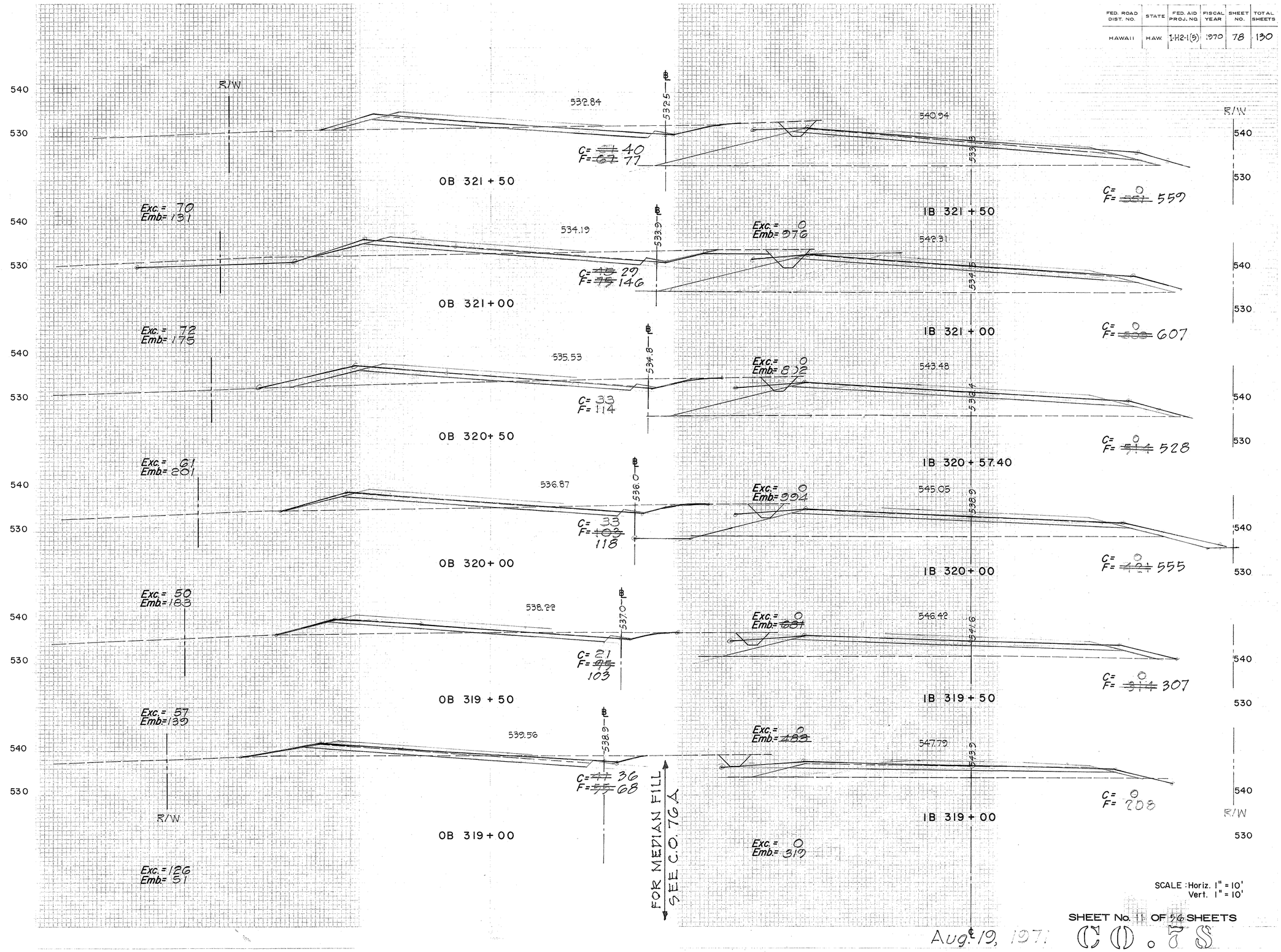
SCALE : Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 10 OF 56 SHEETS

Aug. 19, 1971

(C (1) o 57

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	78	130



SCALE : Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 11 OF 56 SHEETS

Aug. 19, 1971

C(1).75

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)0		2	3

NOTE: FINISH CROSS-SECTION SHOWN DO NOT INCLUDE STATION - NOW ASSESSABLE LANDS. SEE LAND SURVEYOR LEVISE SHEETS FOR LOCATION OF STATION LINE

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TRIANGULATE		
	AREA-VTE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TRIANGULATE		
	AREA-VTE		
NO.	AREAS CHECKED		

PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F., CAL. NO. 1000H 3

(Rev. 6/1/72) CO 73A 1/24/72

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	79	130

FOR MEDIAN FILL SEE C.C. 78A

OB 325+00 — R/W 530, 520 — 523.93 — 526.6 — C= 0, F= ~~378~~ 467 — Exc.= 0, Emb= 582

IB 325+00 — 531.35 — 526.4 — C= 0, F= 297 — 520, R/W

OB 324+50 — 525.10 — 524.3 — C= ~~32~~ 0, F= ~~397~~ 386 — Exc.= 30, Emb= ~~718~~

IB 324+50 — 532.72 — 527.4 — C= 0, F= 332 — 530, 520 — Exc.= 0, Emb= ~~681~~

OB 324+00 — 526.31 — 523.5 — C= 0, F= ~~486~~ 475 — Exc.= ~~30~~, Emb= ~~744~~

IB 324+00 — 534.09 — 528.1 — C= 0, F= ~~438~~ 394 — 530, 520 — Exc.= 0, Emb= ~~825~~

OB 323+50 — 527.55 — 524.2 — C= 0, F= ~~403~~ 467 — Exc.= 0, Emb= ~~743~~

IB 323+50 — 535.46 — 528.8 — C= 0, F= ~~488~~ 478 — 540, 530

OB 323+00 — 528.84 — 526.5 — 42" RCP, Inv 518.00, S=0.0040, C= ±0, F= ~~306~~ 447 — Exc.= ±, Emb= ~~656~~

IB 323+00 — 536.83 — 529.8 — Lip Inv 523.50, Inv 519.00, 30', C= 0, F= ~~515~~ 555 — 540, 530 — Exc.= 0, Emb= ~~988~~

OB 322+50 — 530.16 — 529.4 — C= ~~58~~ 14, F= ~~225~~ 276 — Exc.= ~~36~~, Emb= ~~492~~

IB 322+50 — 538.20 — 530.7 — C= 0, F= ~~559~~ 571 — 540, 530

OB 322+00 — 531.50 — 531.0 — C= ~~59~~ 24, F= ~~87~~ 232 — Exc.= ~~89~~, Emb= ~~287~~

IB 322+00 — 539.57 — 532.1 — C= 0, F= ~~1,021~~ 543 — 540, 530, R/W — Exc.= 0, Emb= ~~1,032~~ — Exc.= ~~22~~, Emb= ~~141~~ — R/W

SCALE: Horiz. 1" = 10', Vert. 1" = 10'

SHEET No. 12 OF 56 SHEETS

Aug. 19, 1971

(CD. 79)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	80	130

FOR MEDIAN FILL
SEE C.O. 78A

520
510
520
510
520
510
520
510
520
510

R/W

518.37

515.4 ℄

C= 0
F= ~~543~~ 567

OB 327+50

Exc.= 0
Emb= ~~1,107~~

519.48

515.6 ℄

C= 0
F= ~~618~~ 713

OB 327+00

Exc.= 0
Emb= ~~1,155~~

520.58

517.3 ℄

C= 0
F= ~~601~~ 691

OB 326+50

Exc.= 0
Emb= ~~1,020~~

521.69

519.2 ℄

C= ~~501~~ 0
F= 650

OB 326+00

Exc.= 0
Emb= ~~504~~

522.80

520.1 ℄

C= ~~465~~ 0
F= 483

OB 325+50

Exc.= 0
Emb= ~~781~~

R/W

R/W

530
520
530
520
530
520
530
520

524.64

522.6

C= ~~22~~ 12
F= ~~98~~ 94

IB 327+50

Exc.= ~~30~~
Emb= ~~166~~

525.90

523.7

C= ~~64~~ 26
F= 91

IB 327+00

Exc.= ~~101~~
Emb= ~~184~~

527.84

524.9

C= ~~55~~ 27
F= ~~84~~ 96

IB 326+50

Exc.= ~~66~~
Emb= ~~247~~

528.61

525.1

C= ~~76~~ 0
F= ~~181~~ 226

IB 326+00

Exc.= ~~76~~
Emb= ~~207~~

529.98

525.3

C= ~~1~~ 0
F= 259

IB 325+50

Exc.= ~~1~~
Emb= 51.5

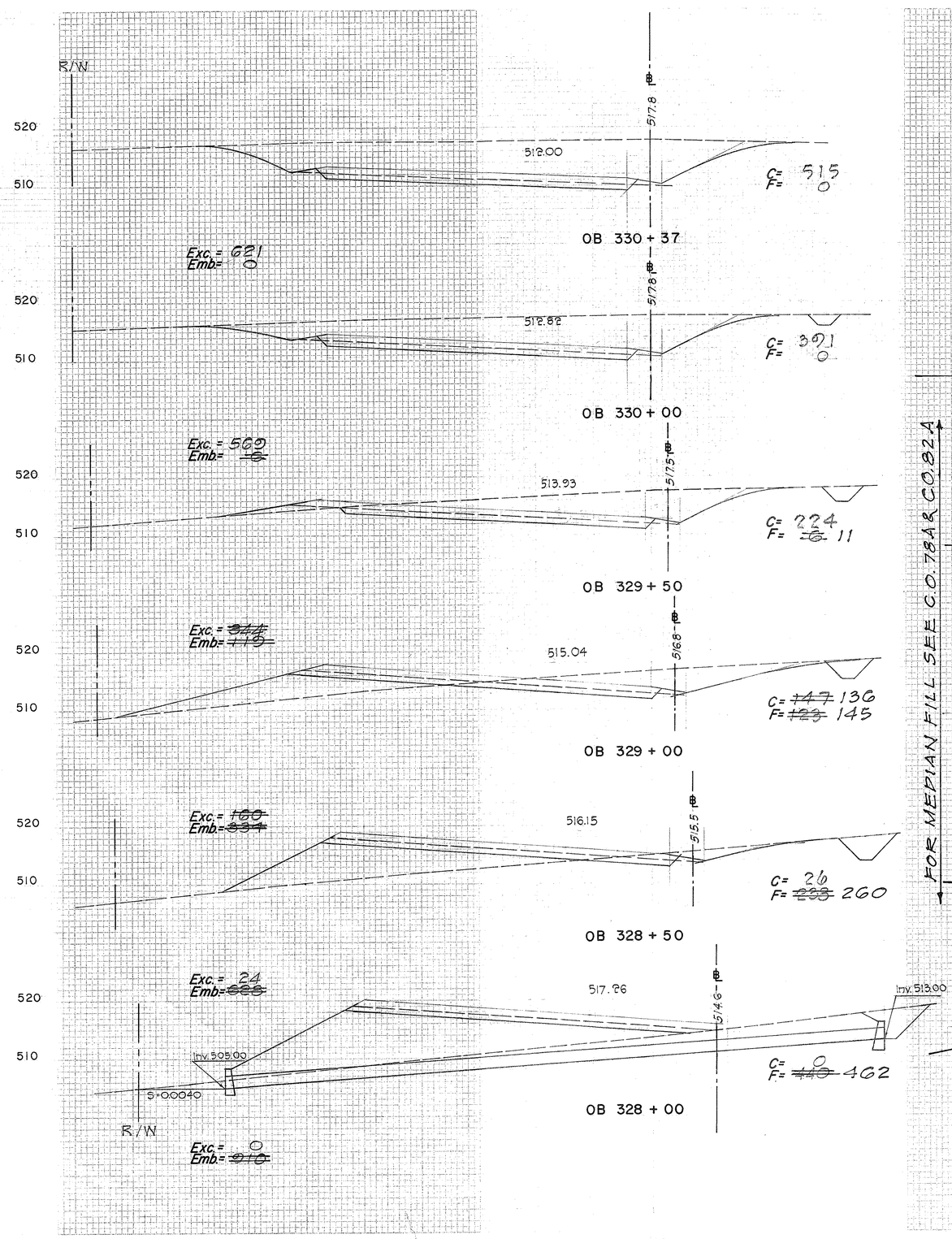
R/W

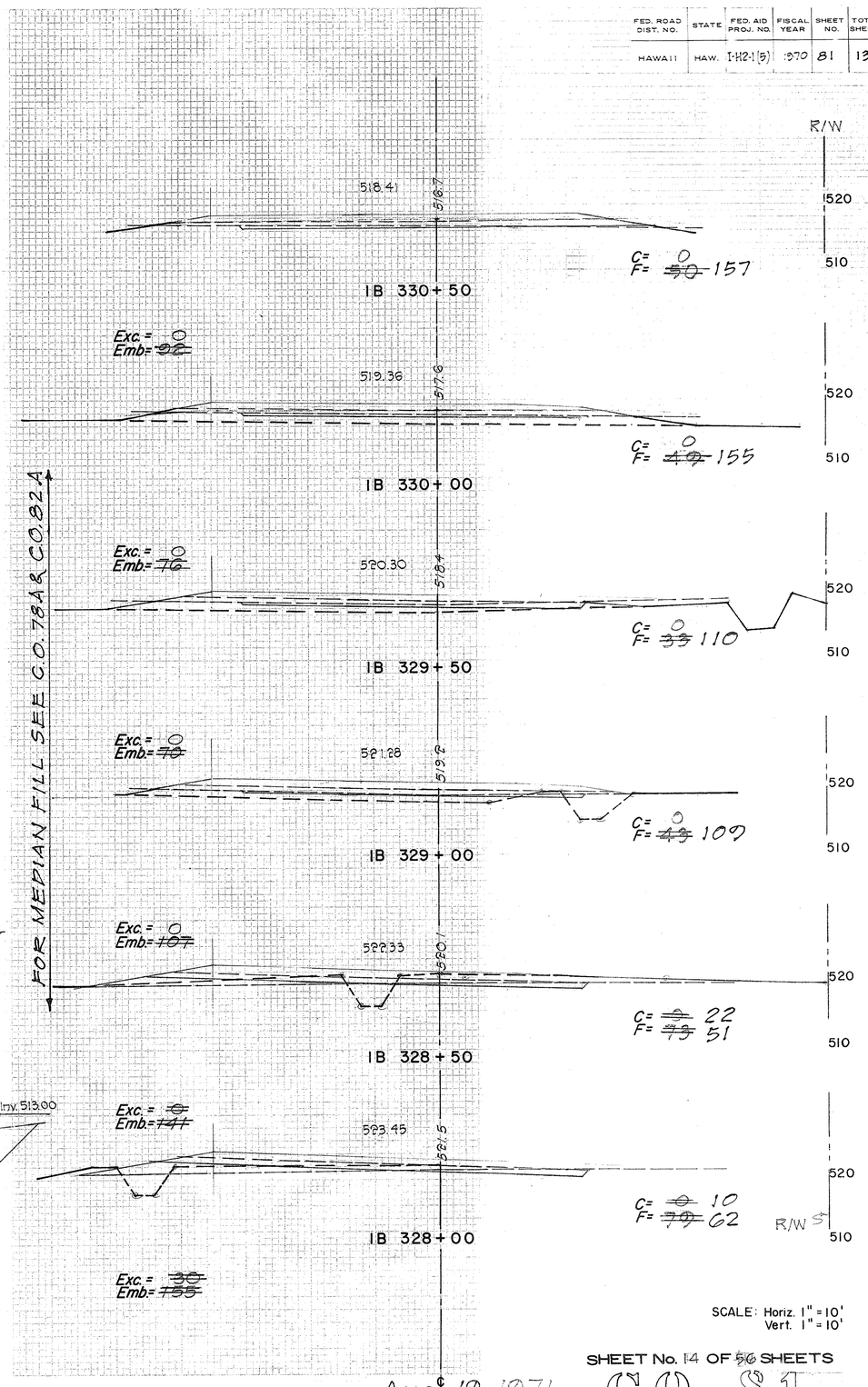
SCALE : Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 13 OF ~~56~~ SHEETS

Aug. 19, 1971

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	81	130





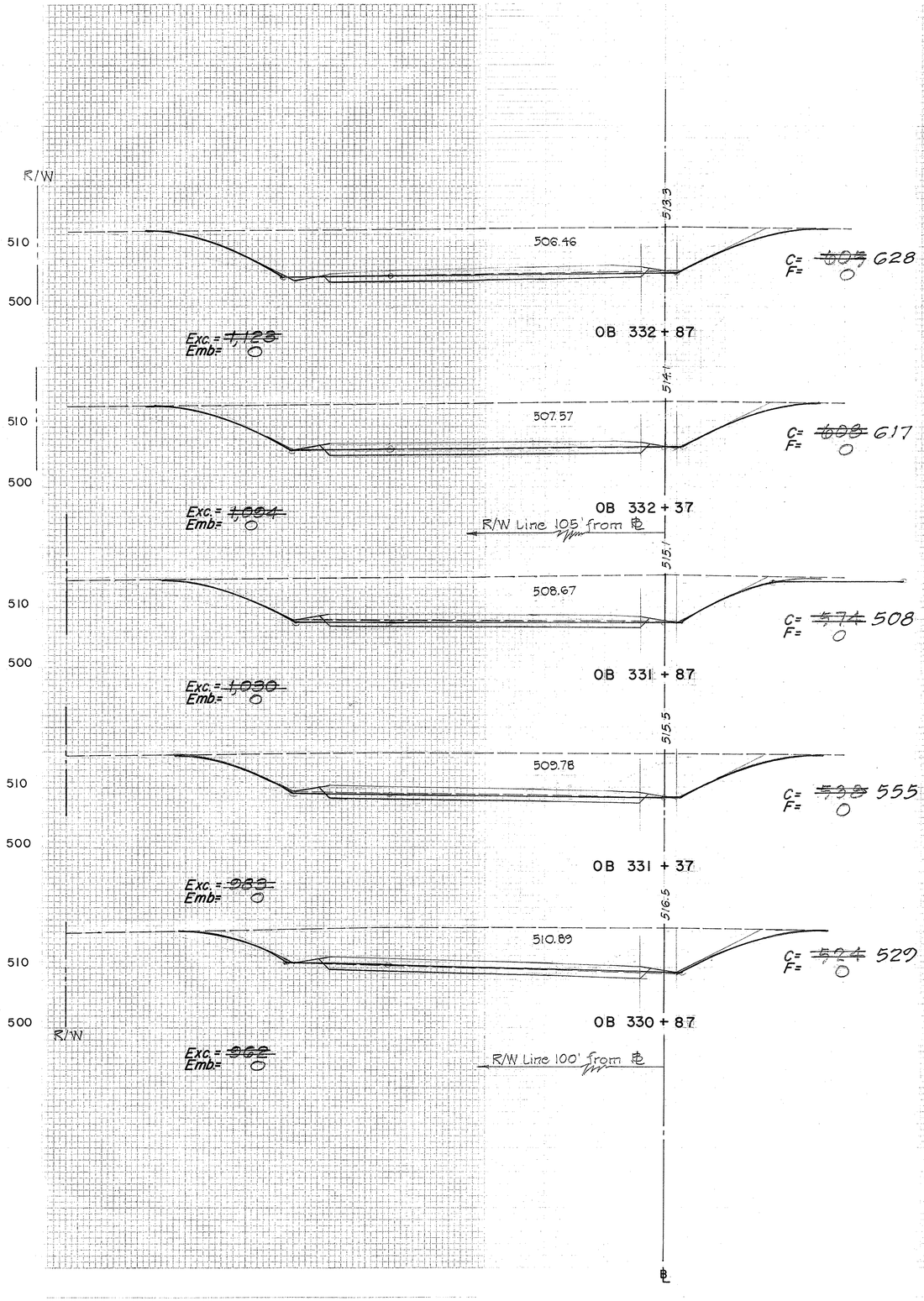
SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

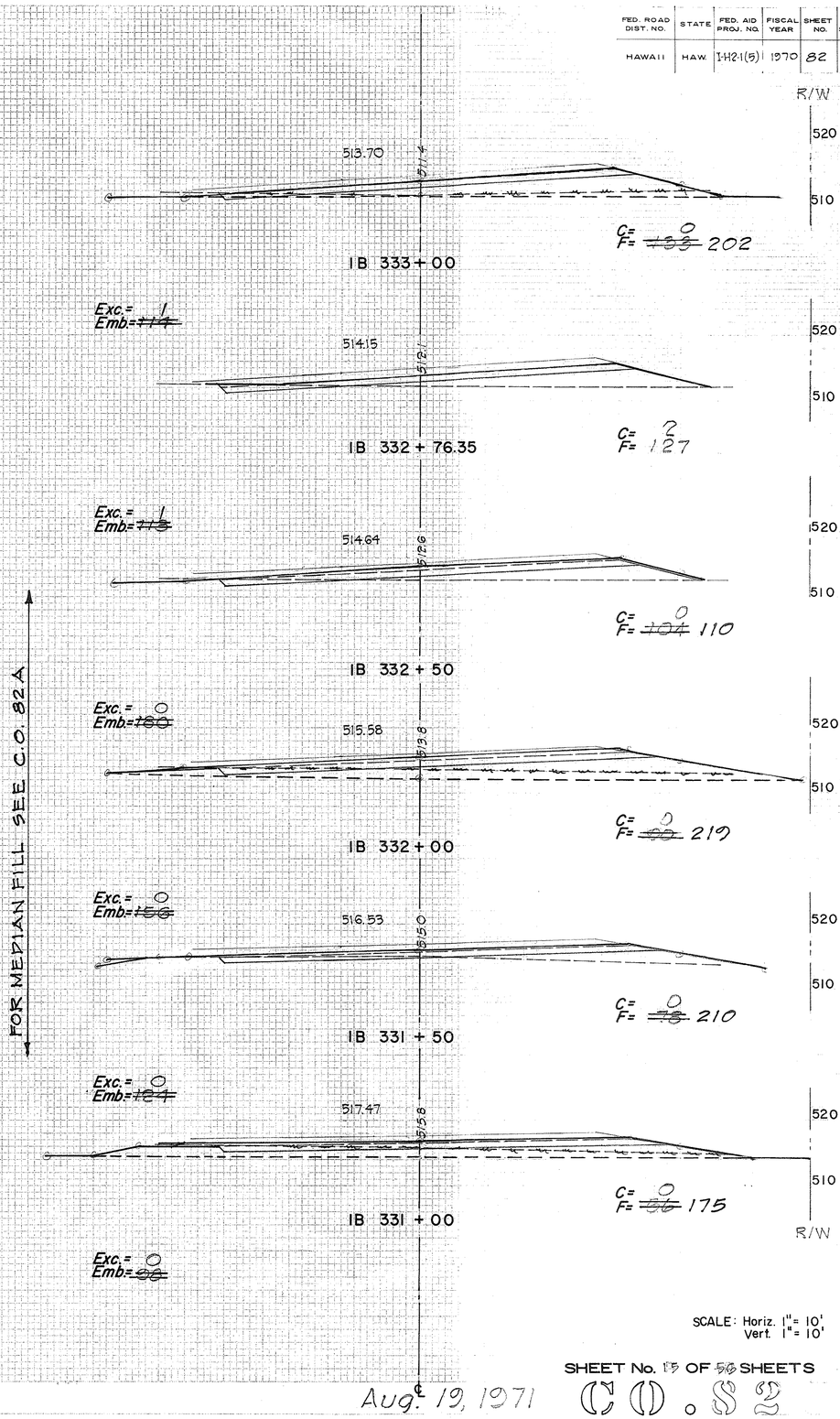
SHEET No. 14 OF ~~56~~ SHEETS

Aug. 19, 1971

CO. 81

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)I	1970	82	130





SCALE: Horiz. 1"= 10'
Vert. 1"= 10'

SHEET No. ~~15~~ OF ~~50~~ SHEETS

Aug. 19, 1971

C.O. 82

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5):0		3	3

NOTE: FINAL CROSS-SECTIONS TAKEN 90° TO ALIGNMENT STATIONS
REFERENCE 110% with Station Line Intervals
See Surveyor's Level Book as to page: 52-59

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

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S.F. CAL.
NO. 1000H 3

(7/1/72 Rev.) C082A 7/24/72

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	83	130

R/W

510

500

506.7

499.80

C= ~~663~~ 603
F= 0

Exc.= ~~1,173~~
Emb= 0

OB 335 + 87

507.4

500.91

C= ~~590~~ 550
F= 0

Exc.= ~~1,104~~
Emb= 0

OB 335 + 37

508.9

502.08

C= ~~602~~ 573
F= 0

Exc.= ~~1,133~~
Emb= 0

OB 334 + 87

509.9

503.13

C= ~~622~~ 616
F= 0

Exc.= ~~1,161~~
Emb= 0

OB 334 + 37

511.2

504.24

C= 632
F= 0

Exc.= ~~1,164~~
Emb= 0

OB 333 + 87

512.3

505.35

C= ~~625~~ 633
F= 0

Exc.= ~~1,139~~
Emb= 0

OB 333 + 37

R/W Line 105' from ℄

FOR MEDIAN FILL SEE C.O. 82A & 83A

R/W

508.04

508.9

C= ~~53~~ 47
F= ~~196~~ 212

Exc.= ~~82~~
Emb= ~~188~~

IB 336 + 00

508.98

508.2

C= 36
F= ~~102~~ 112

Exc.= ~~67~~
Emb= ~~206~~

IB 335 + 50

509.92

508.7

C= ~~96~~ 0
F= ~~121~~ 230

Exc.= ~~51~~
Emb= ~~234~~

IB 335 + 00

510.87

509.5

C= ~~10~~ 0
F= ~~132~~ 247

Exc.= ~~23~~
Emb= ~~252~~

IB 334 + 50

511.81

510.0

C= ~~6~~ 0
F= ~~119~~ 222

Exc.= ~~8~~
Emb= ~~207~~

IB 334 + 00

512.76

510.2

C= 3
F= ~~145~~ 161

Exc.= 3
Emb= ~~260~~

IB 333 + 50

R/W

SCALE : Horiz. 1" = 10'
Vert. 1" = 10'

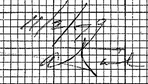
SHEET No. 16 OF ~~56~~ SHEETS

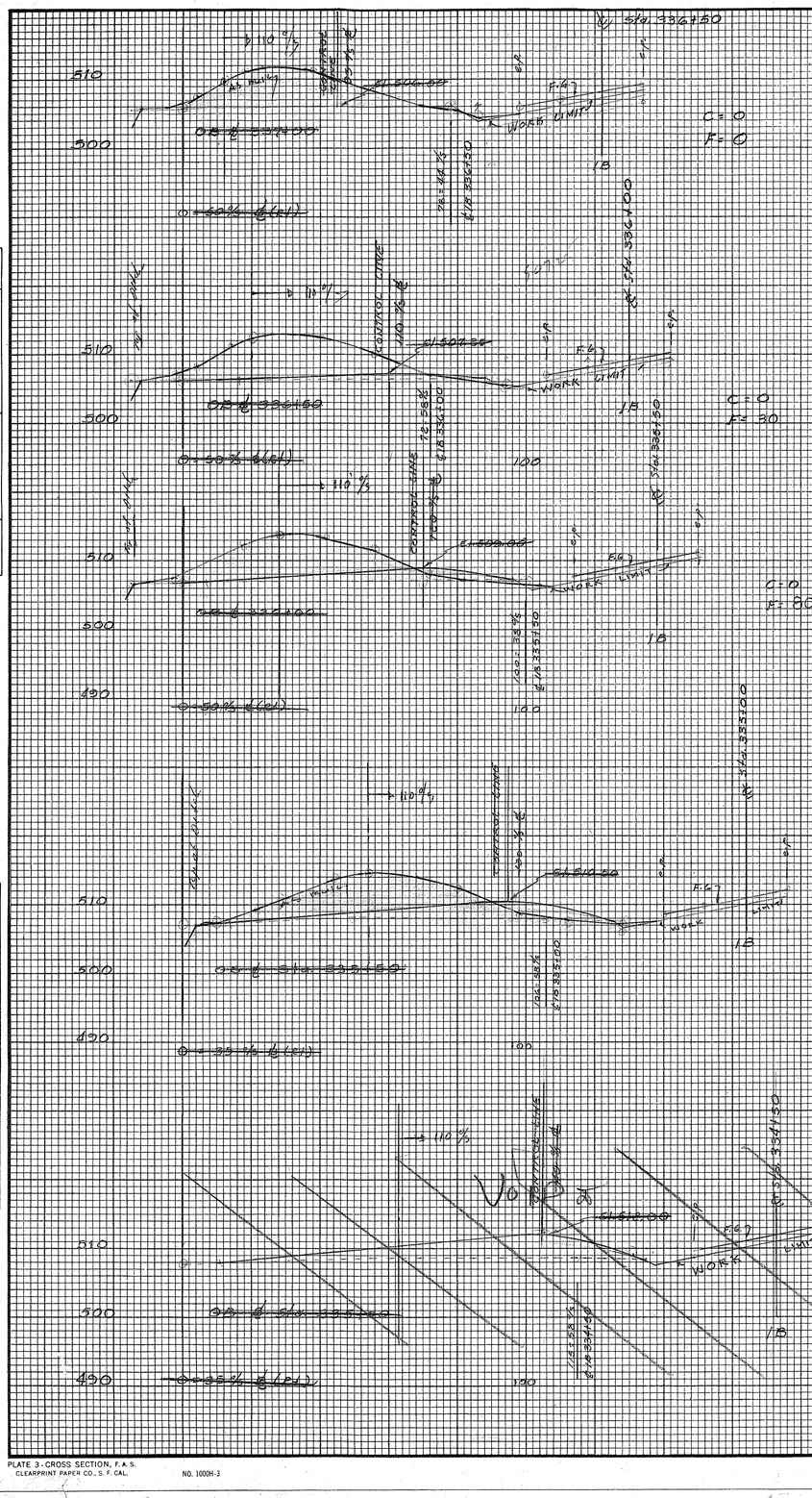
Aug. 19, 1971

C.D. 83

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(65)0	C083A	'	

NOTE: FINAL CROSS SECTIONS TAKEN 30' TO INBOUND STATIONS NEW REFERENCE LINE 110 2/3 LEFT OF INBOUND STATION LINE SURVEYED 1972 - BOOK 24, page 53-59





END OF MEDIAN FILL
TABULATE @ STATION 337+00

For Stations 337+00 & 338+50
See CO 24

SCALE Horiz. 1"=100'
Vert. 1"=10'

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

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

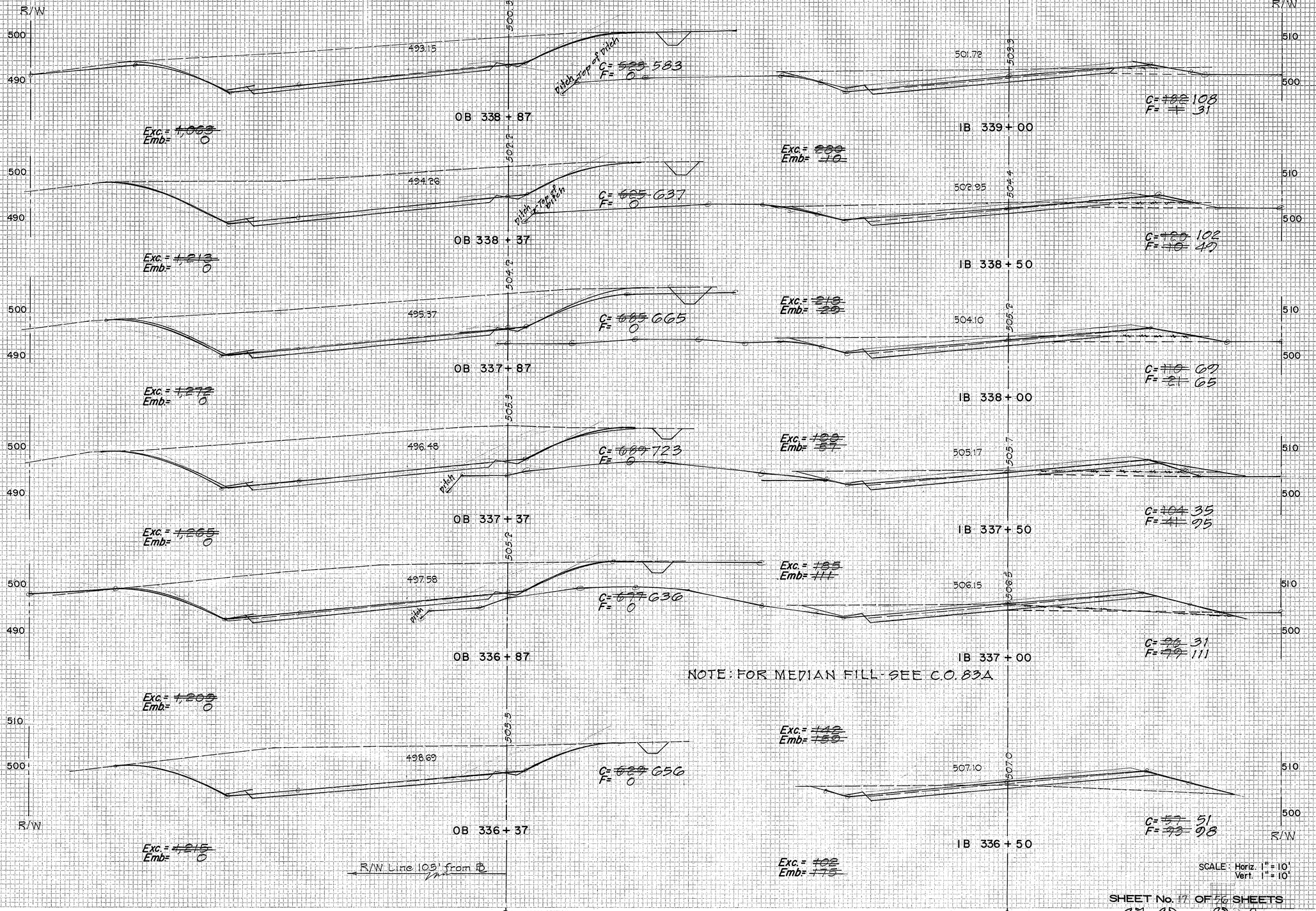
PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

C083A (8/1/72)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	84	130

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



NOTE: FOR MEDIAN FILL-SEE C.O. 83A

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 17 OF 56 SHEETS

NOTE 3 - CROSS SECTION, F.A.S.
CARPENTRY PAPER CO., S. F. CAL. NO. 10061-3

Aug. 19, 1971 C.O. 84

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	85	130

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

OB 341 + 37

490 / 480 R/W

487.60 — 492.6

C= ~~372~~ 266
F= 0

Exc.= ~~782~~
Emb= 0

OB 340 + 87

490 / 480

488.71 — 492.3

C= ~~419~~ 379
F= 0

Exc.= ~~357~~
Emb= 0

OB 340 + 37

490 / 480

489.82 — 497.4

C= 500
F= 0

Exc.= ~~1,014~~
Emb= 0

OB 339 + 87

490 / 480

490.93 — 499.2

C= ~~595~~ 478
F= 0

Exc.= ~~1,191~~
Emb= 0

OB 339 + 37

500 / 490 R/W

492.04 — 500.1

C= ~~691~~ 534
F= 0

Exc.= ~~1,124~~
Emb= 0

R/W Line 105' from ℄

IB 341 + 50

R/W 500 / 490

494.38 — 497.3

C= ~~634~~ 255
F= 0

Exc.= ~~460~~
Emb= 0

IB 341 + 00

500 / 490

495.98 — 499.8

C= ~~672~~ 215
F= 0

Exc.= ~~407~~
Emb= 0

IB 340 + 50

500 / 490

497.54 — 500.7

C= ~~265~~ 248
F= 0

Exc.= ~~455~~
Emb= 0

IB 340 + 00

500 / 490

499.02 — 501.6

C= 220
F= 0

Exc.= ~~370~~
Emb= ~~0~~

IB 339 + 50

500 / 490 R/W

500.41 — 502.7

C= ~~183~~ 123
F= ~~0~~ 10

Exc.= ~~330~~
Emb= ~~0~~

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 18 OF 56 SHEETS

Aug. 19, 1971 C.O. # 5

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	86	130

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

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

490 / 480 / 470

R/W

483.17 — 1800

C= 0
F= ~~314~~ 340

OB 343+37

Exc.= 0
Emb= ~~504~~

484.28 — 1850

C= 0
F= ~~230~~ 152

OB 342+87

R/W Line 90' from ℄

Exc.= 43
Emb= ~~230~~

485.39 — 1874

C= ~~46~~ 50
F= 19

OB 342+37

Exc.= ~~214~~
Emb= ~~18~~

486.49 — 1901

C= ~~185~~ 61
F= ~~2~~ 30

OB 341+87

R/W Line 105 from ℄

Exc.= ~~516~~
Emb= ~~2~~

R/W

487.98 — 1937

C= 2
F= ~~27~~ 52

IB 343+50

Exc.= ~~40~~
Emb= ~~25~~

489.58 — 1900

Inv.=482.5
Inv.=480.0
Inv.=483.0

C= ~~4~~ 22
F= 0

IB 343+00

Exc.= ~~140~~
Emb= 0

491.18 — 1920

C= 110
F= 0

IB 342+50

Exc.= ~~272~~
Emb= 0

492.78 — 1939

C= ~~185~~ 203
F= 0

IB 342+00

R/W Line 60' from ℄

Exc.= ~~387~~
Emb= 0

500 / 490 / 480

R/W

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

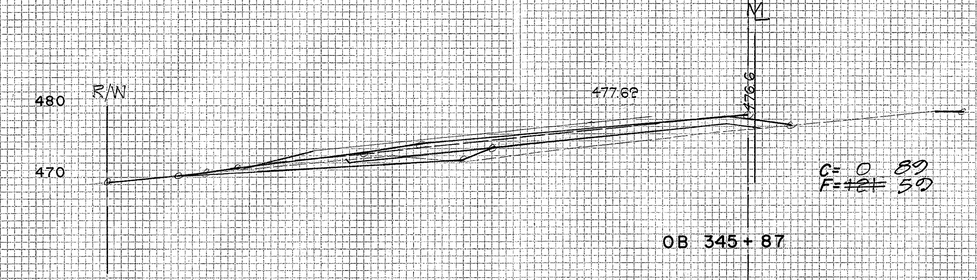
SHEET No. 10 OF ~~26~~ SHEETS

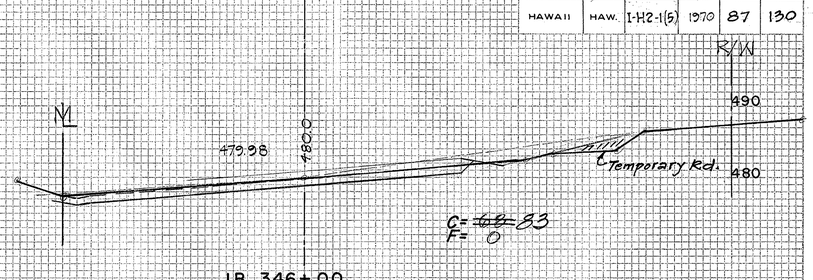
TYPE 3 - CROSS SECTION, F.A.S.
BLUEPRINT PAPER CO., S. F. CAL. NO. 100M-3

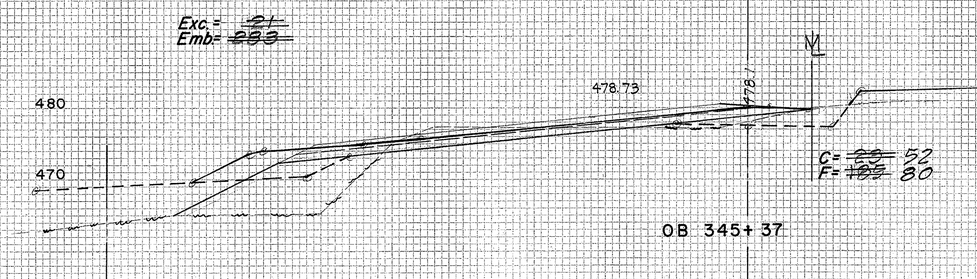
Jan. 13, 1972 (10.86)

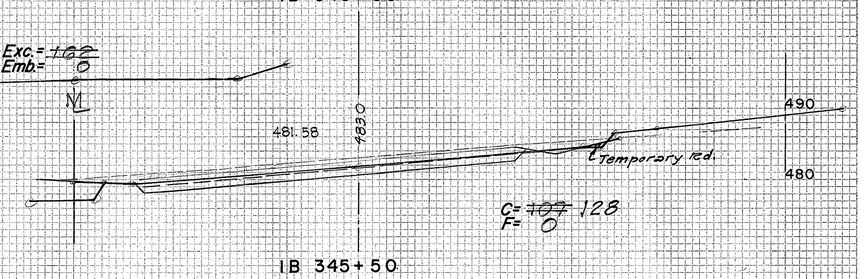
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	87	130

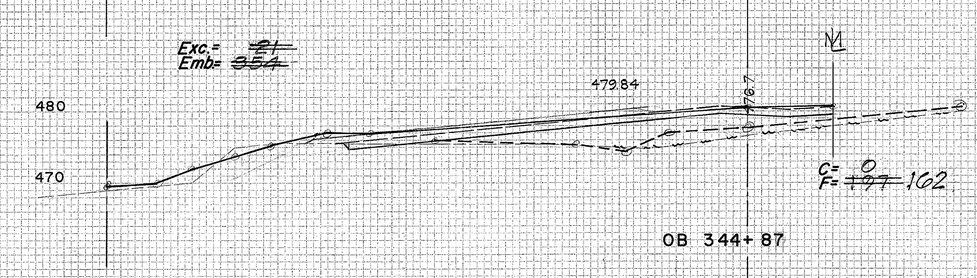
FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

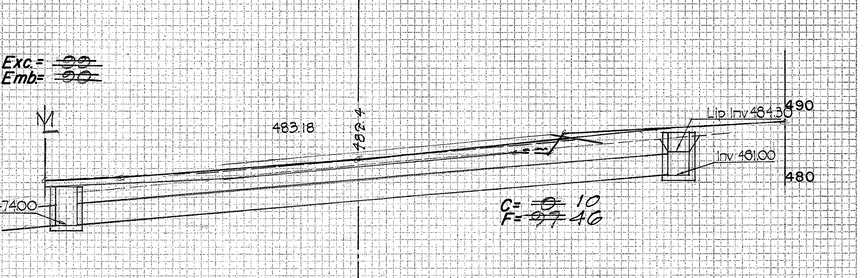


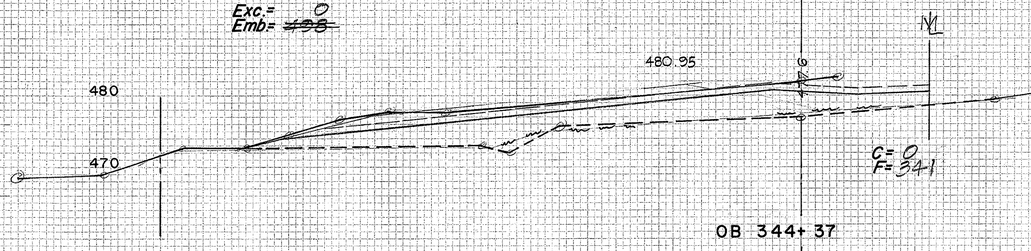


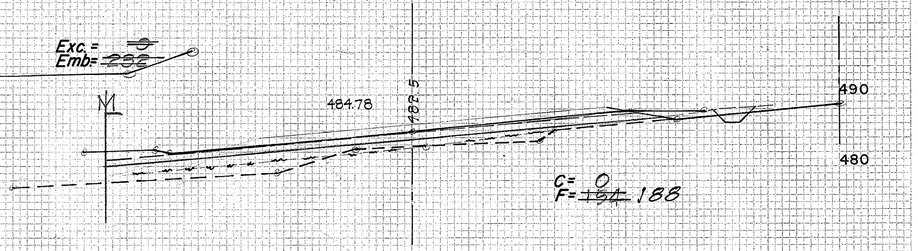


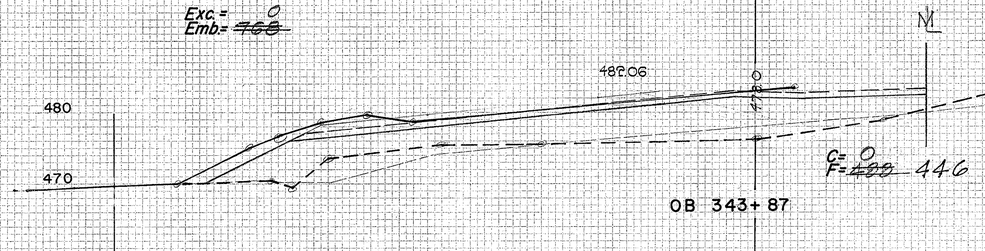


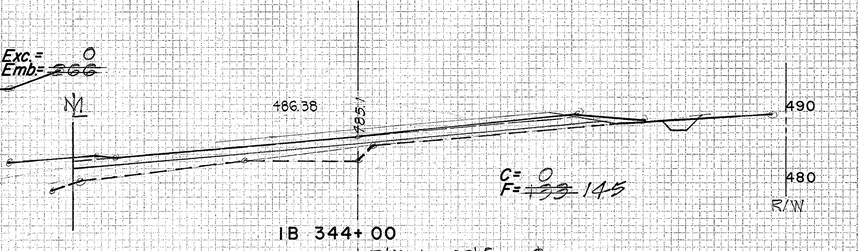


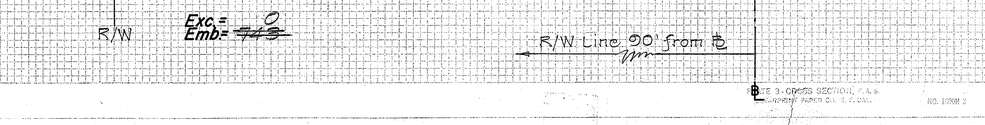










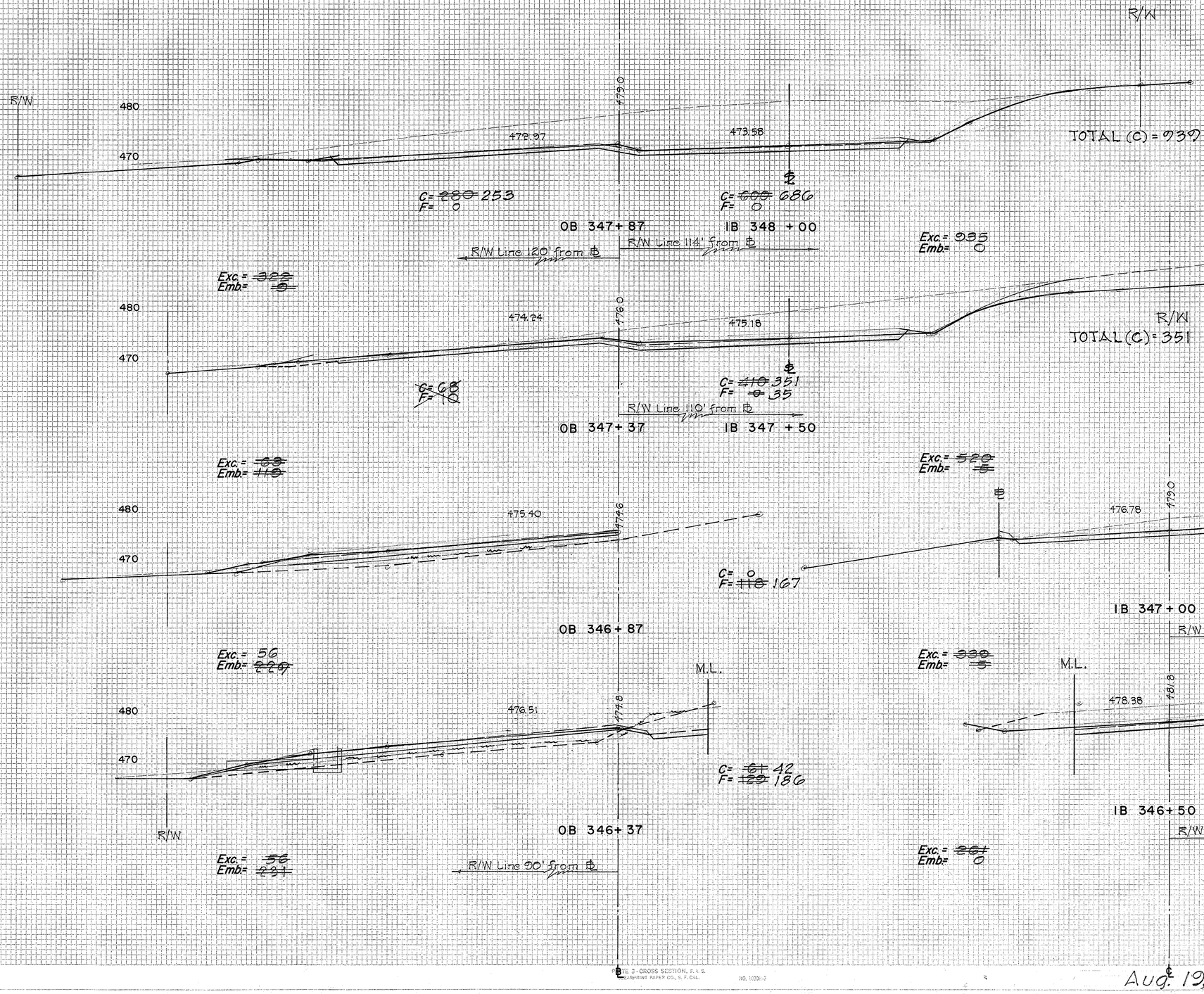


SHEET No. 20 OF ~~56~~ SHEETS

Jan. 13, 1972 C.O. S.T.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	88	130

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



SCALE: Horiz. 1" = 10'
Verf. 1" = 10'

SHEET No. 21 OF ~~56~~ SHEETS

FORM 3-CROSS SECTION, F.A.S.
BLUEPRINT PAPER CO., S. F. CAL. NO. 1000H-3

Aug. 12, 1971

C O S S

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(5)	1970	89	130

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

9-7-33

R/W

480
470
460

1837

467.01

466.68 — 466.68

Exc. = ~~301~~ 1
Emb = 0

OB ℄ Sta. 350+02.07 = ℄ Sta. 350+00

350+00

IB ℄ Sta. 350+15.53 = ℄ Sta. 350+00

Back C = ~~1470~~ 1440
F = 0

Ahead C = ~~2910~~ 2839
F = 0

Exc. = ~~3136~~ 3136
Emb = 0

TOTAL C = 2839
F = 0

R/W Line 120' from ℄

R/W Line 122' from ℄

R/W

480
470
460

1824

468.75 — 468.78

Exc. = ~~1784~~ 1784
Emb = 0

C = ~~1054~~ 1104
F = 0

349+37

IB 349+50

C = ~~1104~~ 1104
F = 0

Exc. = ~~2088~~ 2088
Emb = 0

TOTAL C = 2582
F = 0

R/W Line 120' from ℄

R/W Line 122' from ℄

R/W

480
470
460

1816

470.83 — 470.38

Exc. = ~~1366~~ 1366
Emb = 0

C = ~~873~~ 873
F = 0

348+87

IB 349+00

C = ~~1002~~ 1002
F = 0

Exc. = ~~1676~~ 1676
Emb = 0

TOTAL C = 2165
F = 0

R/W Line 120 from ℄

R/W

480
470
460

1805

471.64 — 471.98

Exc. = ~~817~~ 817
Emb = 0

C = ~~602~~ 602
F = 0

348+37

IB 348+50

C = ~~800~~ 800
F = 0

Exc. = ~~1304~~ 1304
Emb = 0

TOTAL C = 1584
F = 0

R/W Line 120' from ℄

R/W Line 118' from ℄

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 22 OF 50 SHEETS

Aug. 19, 1971 (C.D.S.)

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HP-1(5)	1970	90	130

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

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

R/W

Exc. = ~~7313~~
Emb= 0

1809

450.01

R/W Line 140' from ℄

352 + 50

1816

C= ~~4,088~~ 4,087
F= 0

R/W

Exc. = ~~6977~~
Emb= 0

460.61

R/W Line 138' from ℄

352 + 00

1822

C= ~~3,816~~ 3,787
F= 0

Exc. = ~~6666~~
Emb= 0

462.21

R/W Line 134' from ℄

351 + 50

1827

C= ~~3,719~~ 3,561
F= 0

Exc. = ~~6221~~
Emb= 0

463.81

R/W Line 132' from ℄

351 + 00

1837

C= ~~3,480~~ 3,351
F= 0

R/W

Exc. = ~~5693~~
Emb= 0

465.41

R/W Line 120' from ℄

350 + 50

R/W Line 128' from ℄

C= ~~3,239~~ 3,159
F= 0

R/W

480
470
460

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 23 OF 30 SHEETS

PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1010R-3

Aug. 19, 1971

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HP-1(5)	1970	91	130

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

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

R/W

480
470
460

475.7

451.01

Exc.= ~~8254~~
Emb= 0

355+00

C= 1,130
F= ~~4,251~~ 0

R/W

480
470
460

476.0

452.61

Exc.= ~~8359~~
Emb= 0

354+50

C= 1,386
F= ~~4,993~~ 0

480
470
460

478.7

454.21

Exc.= ~~8286~~
Emb= 0

354+00

C= 4,468
F= ~~4,595~~ 0

480
470
460

479.7

455.81

Exc.= ~~8040~~
Emb= 0

353+50

C= 4,394
F= ~~4,414~~ 0

480
470
460

480.5

457.41

R/W
Exc.= ~~7782~~
Emb= 0

353+00

C= 4,305
F= ~~4,249~~ 0

R/W

R/W Line 120' from ℄ — R/W Line 140' from ℄

℄

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 24 OF 56 SHEETS

PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S.F. CAL. NO. 1009M-2

Aug. 19, 1971 (C) 0.91

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HR-1(5)	1970	92	130

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

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

460
450

R/W

4628

443.01

Exc.= ~~6793~~ 0
Emb= 0

R/W Line 100' from ℄ 357+50

C= 3530
F= 0

R/W

4624

444.6

Exc.= ~~7229~~ 0
Emb= 0

357+00

C= 3612
F= ~~4805~~ 0

R/W

4624

446.21

Exc.= ~~7495~~ 0
Emb= 0

356+50

C= 3913
F= ~~4001~~ 0

R/W

4710

447.81

Exc.= ~~7771~~ 0
Emb= 0

Inv. 440.0

356+00

C= 4086
F= ~~4094~~ 0

R/W

4735

449.41

Exc.= 8074
Emb= 0

R/W Line 120' from ℄ 355+50 R/W Line 140' from ℄

C= 4,299
F= 0

R/W

SCALE: Horiz. 1"=10'
Vert. 1"=10'

SHEET No. 25 OF ~~50~~ SHEETS

PLATE 3-CROSS SECTIONS
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1009-3

Aug. 19, 1971

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	93	130

ORIGINAL FINAL SURVEY NOTE BOOK

SURVEYED ____ DATE
PLOTTED ____ BY
TEMPLATE ____
AREAS ____
AREAS CHECKED ____
MD. ____

R/W

450
440

4489

435.01

360 + 00

R/W Line 138' from ℄

Exc. = ~~4896~~
Emb= 0

2305
C= ~~2504~~
F= 0

4523

450
440

436.61

359 + 50

Exc. = ~~5603~~
Emb= 0

2763
C= ~~2784~~
F= 0

4539

450
440

438.21

359 + 00

Exc. = ~~6078~~
Emb= 0

2051
C= ~~3224~~
F= 0

4577

450
440

439.81

358 + 50

Exc. = ~~6044~~
Emb= 0

3173
C= ~~3232~~
F= 0

4600

450
440

441.41

R/W

358 + 00

Exc. = ~~6380~~
Emb= 0

3326
C= ~~3296~~
F= 0

R/W Line 100' from ℄

R/W Line 140' from ℄

4343

428.61

4128.28

362 + 00

Inv. 423.0

Exc. = ~~2481~~
Emb= 11

4386

430.21

361 + 50

Exc. = ~~8197~~
Emb= 0

4428

431.81

361 + 00

Exc. = ~~8775~~
Emb= 0

4447

433.41

360 + 50

R/W

Exc. = ~~13477~~
Emb= 0

R/W Line 100' from ℄

R/W

450
440

MATCH

See Plan for Cut-off Ditch location

C= ~~1120~~ 1082
F= ~~12~~ 39

R/W Line 130' from ℄

See Plan for Cut-off Ditch location

1526
C= ~~1500~~
F= 0

R/W Line 132' from ℄

See Plan for Cut-off Ditch location

1649
C= ~~1886~~
F= 0

R/W Line 132' from ℄

450

See Plan for Cut-off Ditch Location

2160
C= ~~2171~~
F= 0

R/W Line 130' from ℄

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

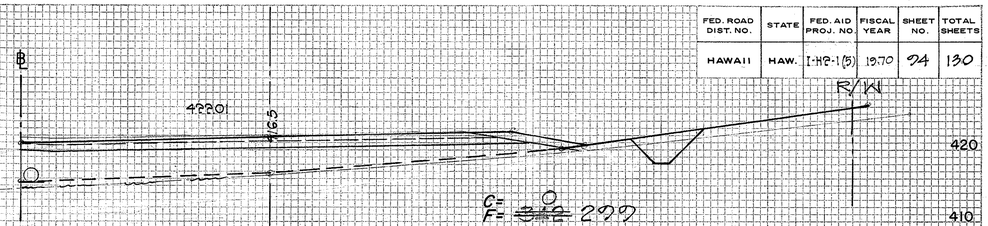
SHEET No. 26 OF 56 SHEETS

Aug. 19, 1971

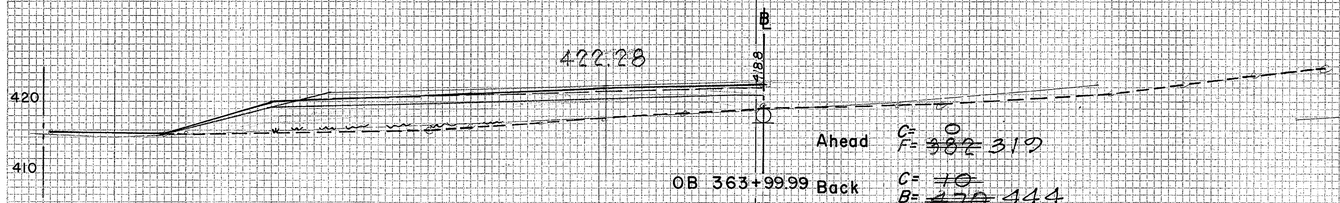
PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S.F. CAL. NO. 1500H-1

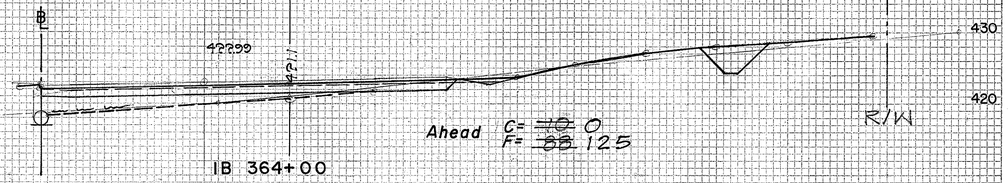
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HP-1(5)	1970	94	130

Exc. = 0
Emb= ~~993~~

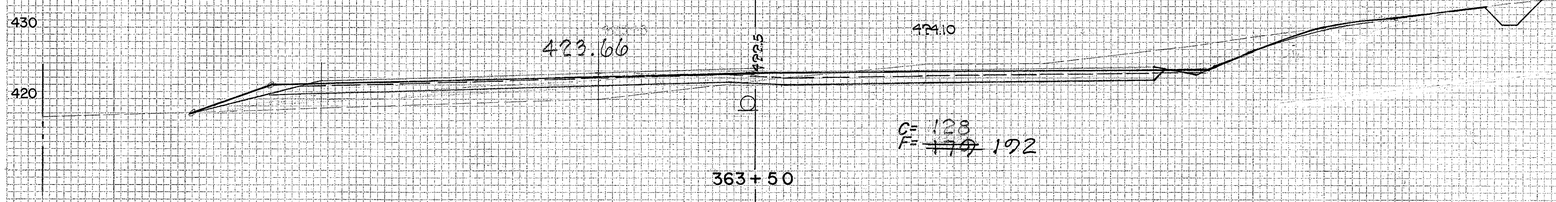


Exc. = ~~9~~
Emb= ~~398~~



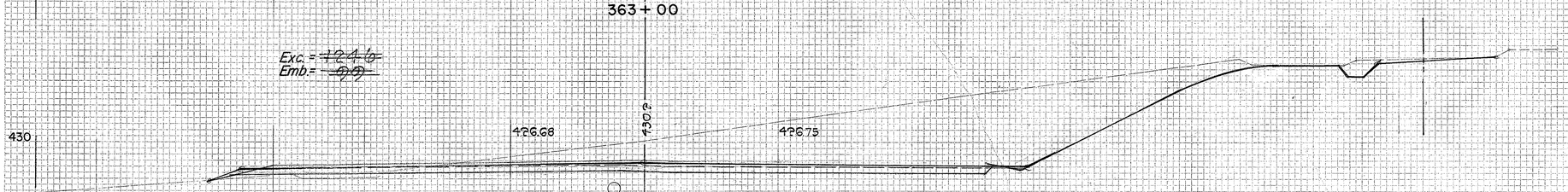


Exc. = ~~128~~
Emb= ~~721~~



Exc. = ~~550~~
Emb= ~~237~~

Exc. = ~~1246~~
Emb= ~~99~~



Exc. = ~~1852~~
Emb= ~~99~~

R/W

R/W Line 100' from ℄

SCALE : Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 27 OF 56 SHEETS

Aug. 12, 1971 CD. 94

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F., CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HR-1(5)	1970	95	130

R/W

FINAL SURVEY — ORIGINAL SURVEY — SURVEYED — PLOTTED — TRACED — TEMPLATE — AREAS — AREAS CHECKED — NOTE BOOK — DATE — BY

R/W

R/W

R/W

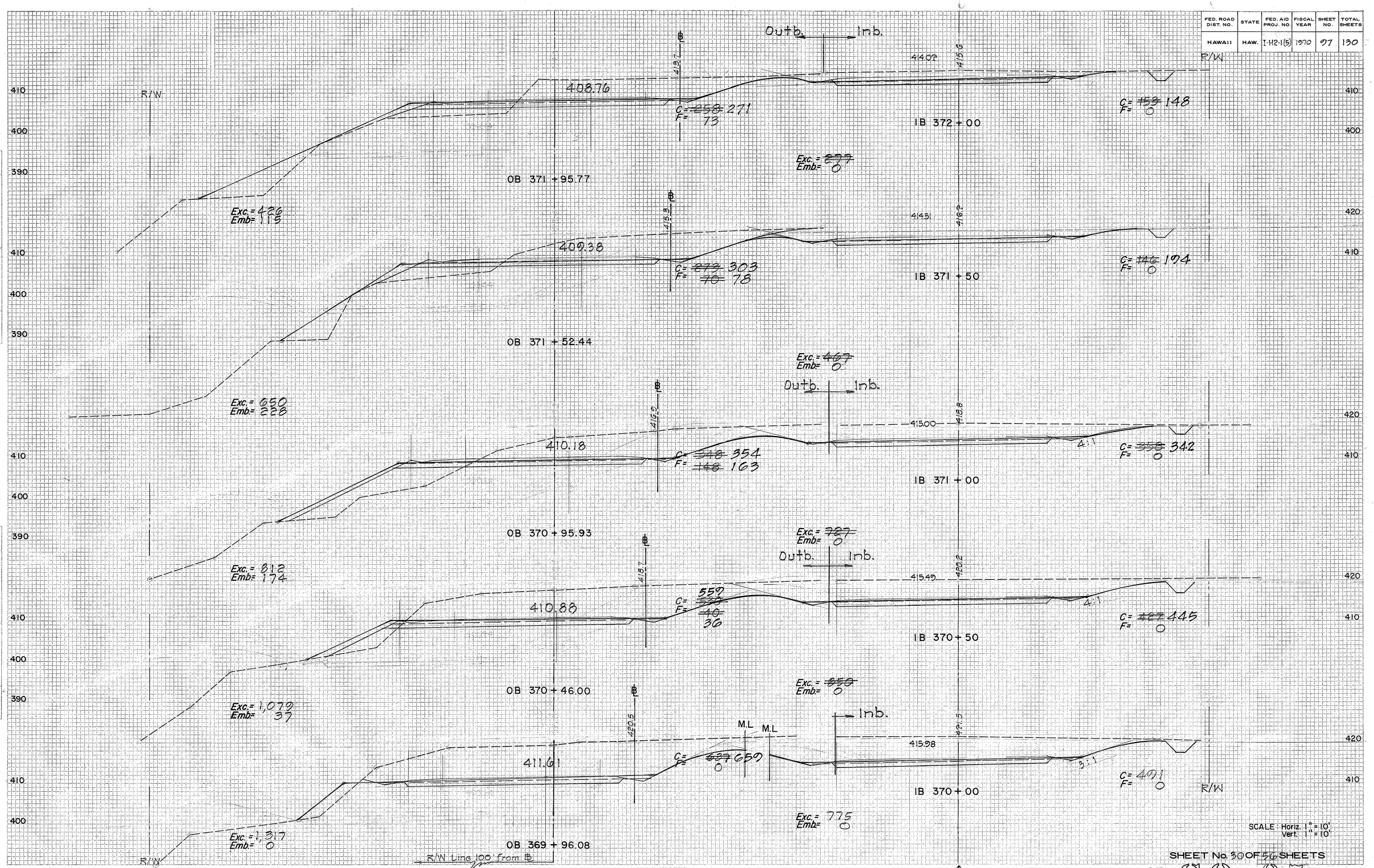
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HP-1(5)	1970	06	130

ORIGINAL FINAL SURVEY NOTE BOOK	SURVEYED BY: DATE:
	DRAWN BY: DATE:
	TRACED BY: DATE:
	REVISED: DATE:
	REVISED: DATE:
	REVISED

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	97	130

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

PRELIMINARY SURVEY — SURVEYED, PLOTTED, NOTE BOOKS, NO. — BY, DATE, TERRAIN, AREAS, AREAS CHECKED



SCALE : Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 30 OF 56 SHEETS

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 10-MK-3

Aug. 12, 1971 (C) 0.97

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	98	130

410 400 390

R/W

404.51

406.2 ℄

C= ~~70~~ 63
F= 95

Exc.= ~~744~~
Emb= ~~88~~

OB 374+45.38

411.56

407.0 ℄

C= 0
F= ~~257~~ 250

IB 374+50

Exc.= 0
Emb= ~~356~~

410 400 390

405.53

407.5 ℄

C= ~~735~~ 73
F= ~~0~~ 310

OB 374+00

412.05

406.5 ℄

C= 0
F= ~~127~~ 118

IB 374+00

Exc.= 0
Emb= ~~171~~

410 400 390

406.45

406.0 ℄

C= 58
F= 415

Exc.= ~~733~~
Emb= ~~384~~

OB 373+95.46

412.54

406.8 ℄

C= 0
F= 58

IB 373+50

380 410 400 390

407.29

411.0 ℄

C= 120
F= 267

Exc.= 165
Emb= 630

OB 373+45.54

413.04

410.0 ℄

C= 0
F= ~~96~~ 1

IB 373+00

Exc.= 0
Emb= ~~87~~

410 400 390

408.04

412.8 ℄

C= ~~173~~ 164
F= 195

Exc.= ~~277~~
Emb= 427

OB 372+95.62

413.53

411.8 ℄

C= 0
F= 71

IB 372+50

Exc.= 0
Emb= ~~99~~

420 410 400

R/W Line 100' from ℄

Exc.= ~~998~~
Emb= 248

R/W

OB 372+45.69

Exc.= 142
Emb= 66

℄

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 31 OF ~~56~~ SHEETS

Aug. 19, 1971 CO. DS

PLATE 3. CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F., CAL. NO. 6006H 3

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	00	130

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

0B 376+99.99

Exc. = ~~1261~~ 0
Emb. = 0

C = ~~340~~ 371
F = 0

402.8 — 399.59 — 405.0 — 409.41

C = 0
F = 296

IB 376+50

Exc. = 0
Emb. = ~~507~~

0B 376+45.08

Exc. = ~~210~~ 0
Emb. = 0

C = ~~91~~ 81
F = 0

402.7 — 400.95 — 406.0 — 410.04

C = 0
F = ~~245~~ 252

IB 376+00

Exc. = 0
Emb. = ~~459~~

0B 375+95.15

Exc. = ~~177~~ 0
Emb. = 0

C = 100
F = 0

404.2 — 402.23 — 406.8 — 410.58

C = 0
F = ~~251~~ 239

IB 375+50

Exc. = 0
Emb. = ~~423~~

0B 375+45.23

Exc. = 203
Emb. = 67

C = 120
F = 72

405.6 — 403.42 — 407.5 — 411.07

C = 0
F = 206

IB 375+00

Exc. = 0
Emb. = 429

0B 374+95.31

Exc. = 176
Emb. = 154

R/W Line 100' from ℄

R/W

c.H.W. delete F.R.
Inv. 399.5
2:1
397.08
Inv. 392.0
Inv. 399.0 CDI
c.H.W. delete F.R.
Lio Inv. 401.50
Inv. 400.00
C = 0
F = 214

400 390 410

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 32 OF ~~56~~ SHEETS

PLATE 5-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S.F. CAL. NO. 100011-3

Aug. 19, 1971

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(6)	1970	100	130

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

0B 379 + 48.31

Exc.= ~~1,025~~ 0
Emb= 0

C= ~~1103~~ 1132 +10
F= 0 [1142]

391.27

403.56

1B 379 + 50

C= ~~116~~ 109
F= 0

0B 379 + 00

Exc.= ~~157~~
Emb= 0

C= ~~1025~~
F= 0 → 1046

404.78

C= ~~52~~ 47
F= 0

0B 378 + 99.60

Exc.= ~~1743~~ 0
Emb= 0

393.08

C= ~~867~~ 900
F= 0

405.89

1B 378 + 50

Exc.= ~~66~~
Emb= ~~6~~

C= ~~10~~ 1
F= ~~7~~ 107

0B 378 + 49.84

Exc.= ~~1,467~~ 0
Emb= 0

394.80

C= ~~711~~ 753
F= 0

406.91

1B 378 + 00

Exc.= ~~76~~
Emb= ~~35~~

C= 0
F= ~~85~~ 123

R/W Line 125' from ℄

0B 377 + 99.86

Exc.= ~~1133~~ 0
Emb= 0

396.44

C= 514
F= 0

407.84

1B 377 + 50

Exc.= 0
Emb= ~~256~~

C= 0
F= ~~170~~ 154

R/W

0B 377 + 49.91

Exc.= 789
Emb= 0

Exc.= 0
Emb= ~~356~~

SCALE : Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 33 OF 56 SHEETS

PLATE 3-CROSS SECTION, F.A.S.
CUADRANT PAPER 20, S.T.CAL.
NO. 10001-3

Aug. 19, 1971 (C) . 100

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	101	130

R/W

R/W Line 125 from ℄

400 / 390 / 380

381.20
~~380.89~~
[174.8]
C= ~~1,956~~ 1,988-40.0
F= 0

OB 381 + 43.16

Exc. = ~~3,819~~
Emb= 0

℄ 402.3 4:1

IB 381 + 50

397.73

4000

4:1

C= ~~360~~ 368-20
F= 0 [348]

Exc. = ~~665~~
Emb= 0

400 / 390 / 380

38
383.~~14~~
[1704]
C= ~~1,724~~ 1,737-33
F= 0

OB 381 + 00

℄ 402.3

399.33

4023

4:1

[331]
C= ~~355~~ 341-10
F= 0

Exc. = ~~5,814~~
Emb= 0

400 / 390 / 380

47
385.~~81~~
C= 1,810-50 [1760]
F= 0

OB 380 + 94.45

Exc. = 3,188
Emb= 0

℄ 403.0

400.84

403

4:1

IB 380 + 50

C= ~~286~~ 273
F= 0

Exc. = ~~412~~
Emb= 0

400 / 390 / 380

50
387.~~88~~
C= 1,386-33 [1353]
F= 0

OB 380 + 45.74

Exc. = ~~2,884~~
Emb= 0

℄ 402.0

402.35

4025

4:1

IB 380 + 00

C= ~~159~~ 222
F= 0

Exc. = ~~250~~
Emb= 0

R/W

Exc. = 2,251
Emb= 0

R/W Line 125 from ℄

OB 379 + 97.02

℄

410 / 400

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 34 OF ~~56~~ SHEETS

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S.F. CAL.

Aug. 19, 1971 CO. 101

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	102	130

R/W Line 125' from ℄

OB 383 + 86.76

1,985-31 [1,954]
C= ~~1,945~~ 1,008
F= 0 0
~~368.72~~ 369.38

Exc.= ~~3,945~~
Emb= 0

2,432-83 [2,340]
C= ~~2,430~~
F= 0
371.~~15~~ 18

OB 383 + 38.04

Exc.= ~~4,195~~
Emb= 0

2,245-64 [2,181.0]
C= ~~2,220~~
F= 0
374.17
~~378.88~~

OB 382 + 89.32

Exc.= ~~3,950~~
Emb= 0

2,222-64 [2,158]
C= ~~2,155~~
F= 0
376.~~15~~ 59

OB 382 + 40.60

Exc.= ~~3,850~~
Emb= 0

2,140-83 [2,057]
C= ~~2,105~~
F= 0
378.~~55~~ 24

R/W Line 125' from ℄

Exc.= 3,668
Emb= 0

OB 381 + 91.88

IB 384 + 00

Exc.= ~~1,385~~
Emb= 0

Exc.= ~~1,844~~
Emb= 0

Exc.= ~~894~~
Emb= 0

IB 383 + 50

Exc.= ~~1,065~~
Emb= 0

Exc.= ~~1,040~~
Emb= 0

IB 383 + 00

IB 382 + 50

IB 382 + 00

C= ~~1008~~ 1,008
F= 0

C= ~~1014~~
F= 0

792-64
[728]

C= ~~757~~
F= 0

765-51
[714]

C= ~~739~~
F= 0

766-16
[750]

C= ~~605~~
F= 0

608

R/W

SCALE : Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. 35 OF ~~35~~ SHEETS

Aug. 19, 1971

(C)(D).102

PLATE 7 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F., CAL.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	103	130

FINAL / SURVEY / NOTES BOOK / NO. — SURVEYED / PLOTTED / TRACED / CHECKED / AREAS CHECKED — BY / DATE / ONE

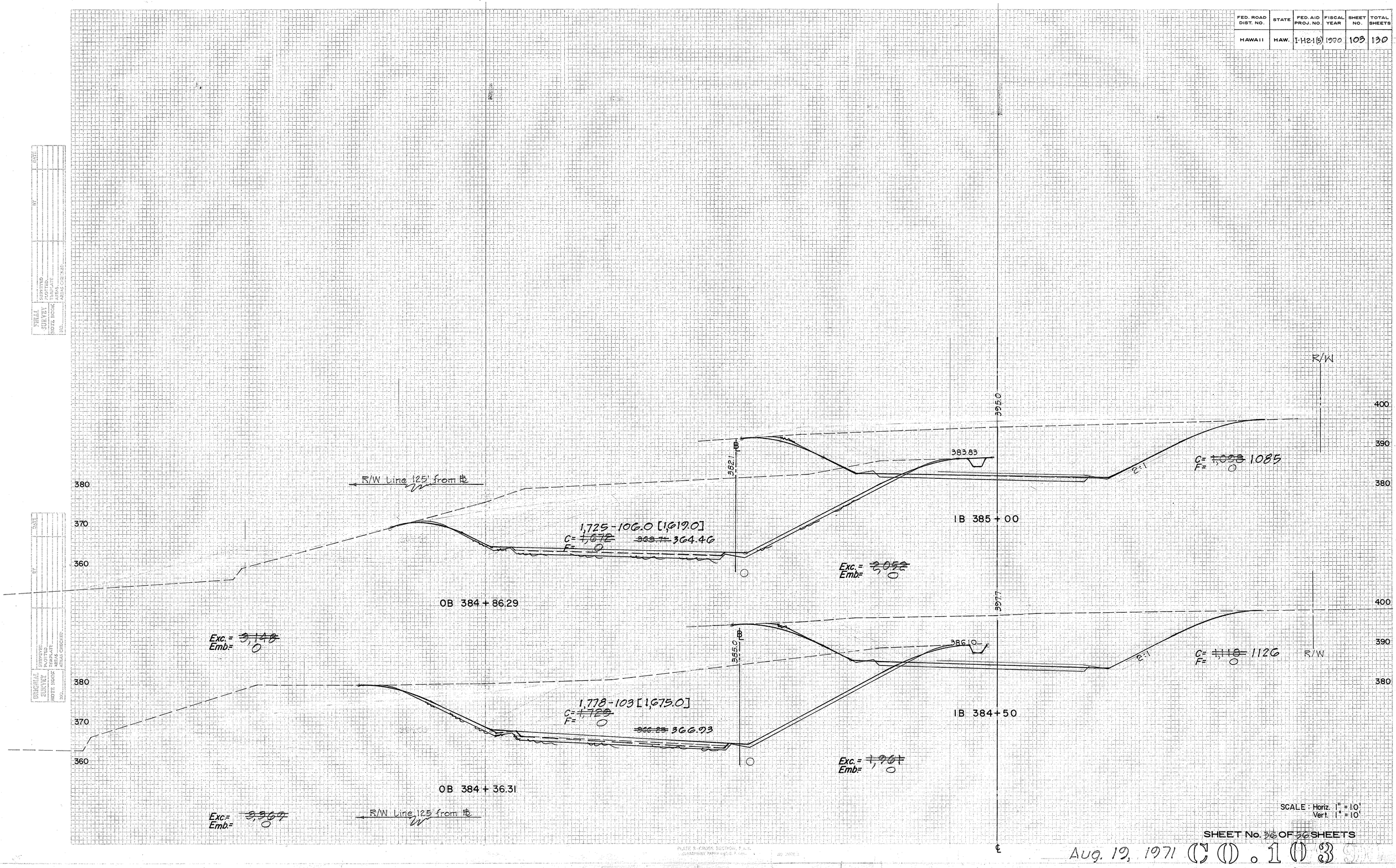


PLATE 5 - CROSS SECTION, S.A.S.
(ASSEMBLING PAPER USING 2 CAN...)

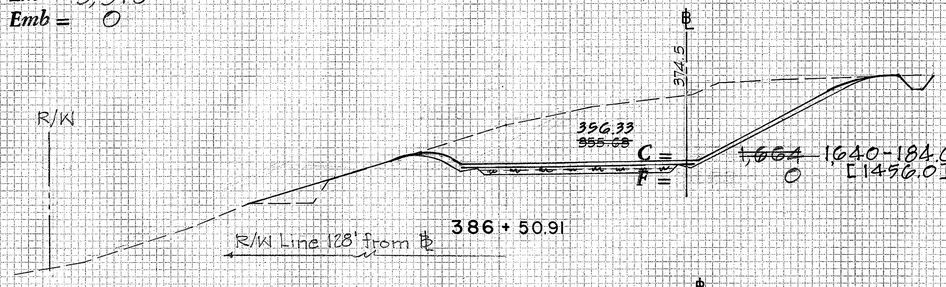
SCALE : Horiz. 1" = 10'
Vert. 1" = 10'

SHEET No. ~~36~~ OF ~~36~~ SHEETS

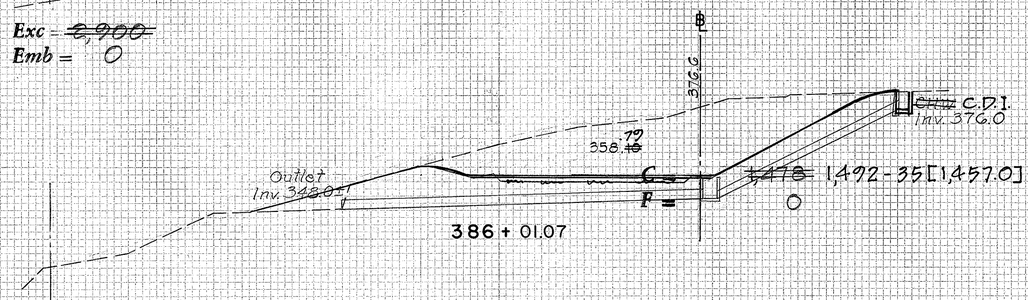
Aug. 19, 1971 CD. 103

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1 (5)	1970	104	130

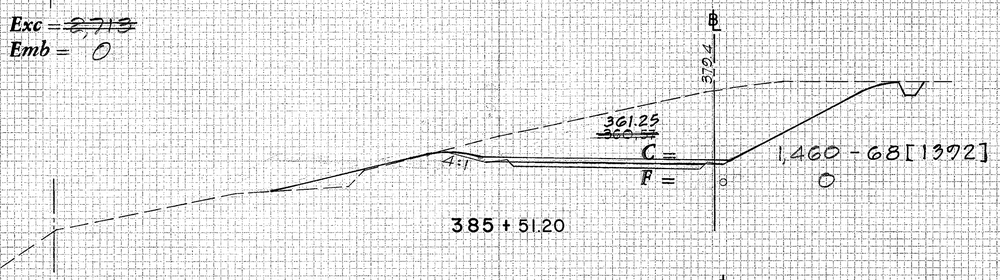
Exc = ~~3,310~~
Emb = 0



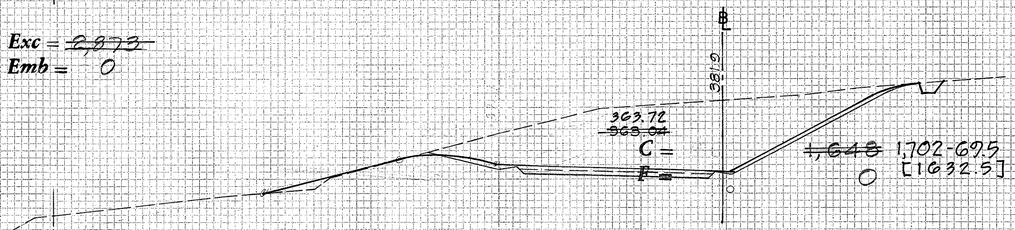
Exc = ~~2,900~~
Emb = 0



Exc = ~~2,713~~
Emb = 0

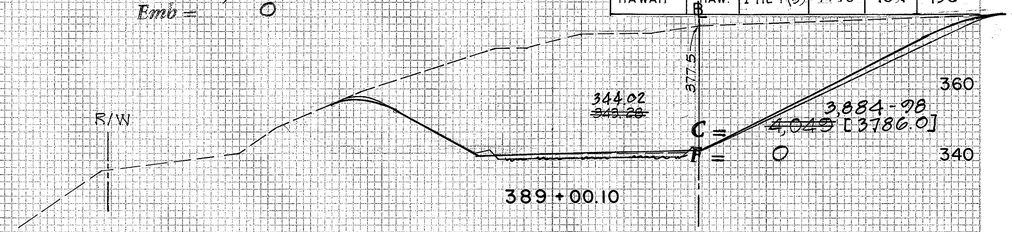


Exc = ~~2,873~~
Emb = 0

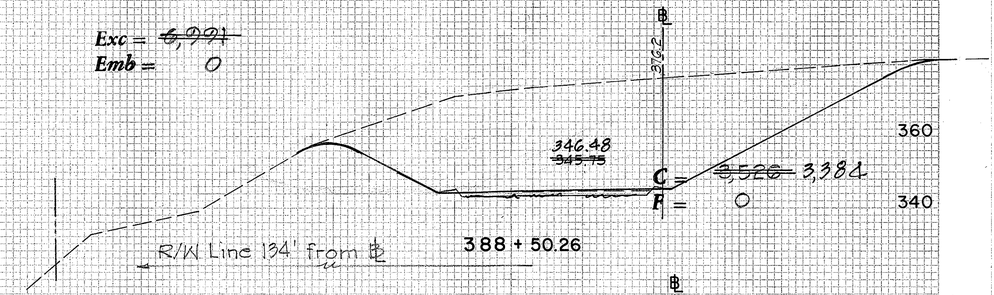


R/W
Exc = ~~922~~
Emb = 0
R/W Line 125' from ℄

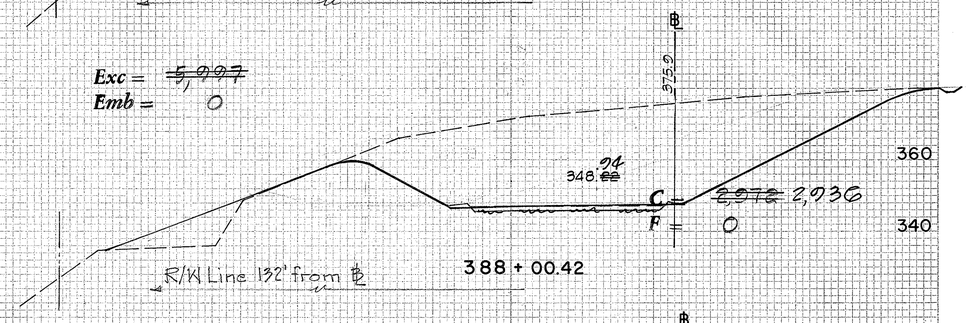
Exc = ~~7,942~~
Emb = 0



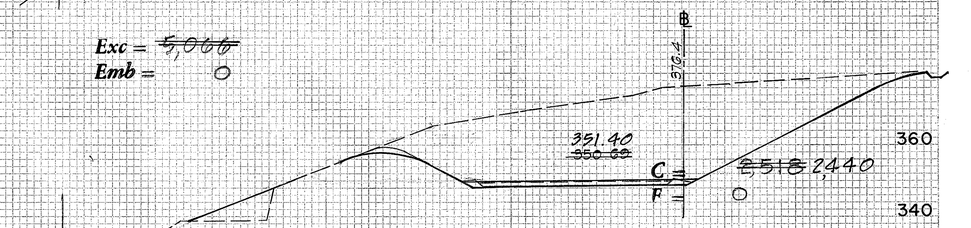
Exc = ~~6,991~~
Emb = 0



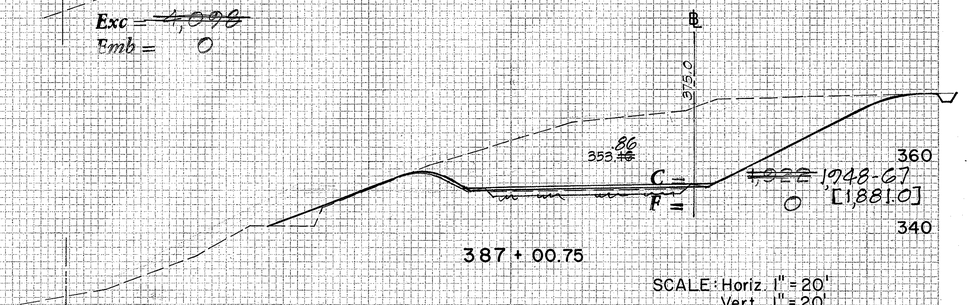
Exc = ~~5,097~~
Emb = 0



Exc = ~~5,066~~
Emb = 0



Exc = ~~4,098~~
Emb = 0



SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

SHEET NO. 37 OF 56 SHEETS

OUTBOUND LANES

Aug. 19, 1971 CD.104

PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S.F. CAL.
RD. 1005H

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	105	130

100 50 ℄ 50 100

387.6
375.58
2:1
C = 1,225
F = 0
386+66

Exc = ~~2,238~~
Emb = 0

390.2
378.22
2:1
C = ~~1,145~~ 1,168
F = 0
386+15

Exc = ~~2,111~~
Emb = 0

392.2
380.72
2:1
C = ~~1,135~~ 1,144
F = 0
385+65

Exc = ~~2,134~~
Emb = 0

394.7
383.12
2:1
C = ~~1,170~~ 1,202
F = 0
385+15

Exc = ~~630~~
Emb = 0

100 50 ℄ 50 100

Exc = ~~4,427~~
Emb = 0

392.0
381.29
2:1
C = ~~2,424~~ 2,354
F = 0
389+15

Exc = ~~4,126~~
Emb = 0

390.7
384.29
2:1
C = ~~2,032~~ 2,012
F = 0
388+65

Exc = ~~2,370~~
Emb = 0

382.5
367.27
2:1
C = 1,608
F = 0
388+15

Exc = ~~2,824~~
Emb = 0

384.5
370.09
2:1
C = ~~1,504~~ 1,484
F = 0
387+66

Exc = ~~2,561~~
Emb = 0

385.3
372.88
2:1
R/W
C = ~~1,262~~ 1,228
F = 0
387+16

Exc = ~~2,305~~
Emb = 0

SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

SHEET NO. 38 OF 56 SHEETS

INBOUND LANES

Aug. 19, 1971

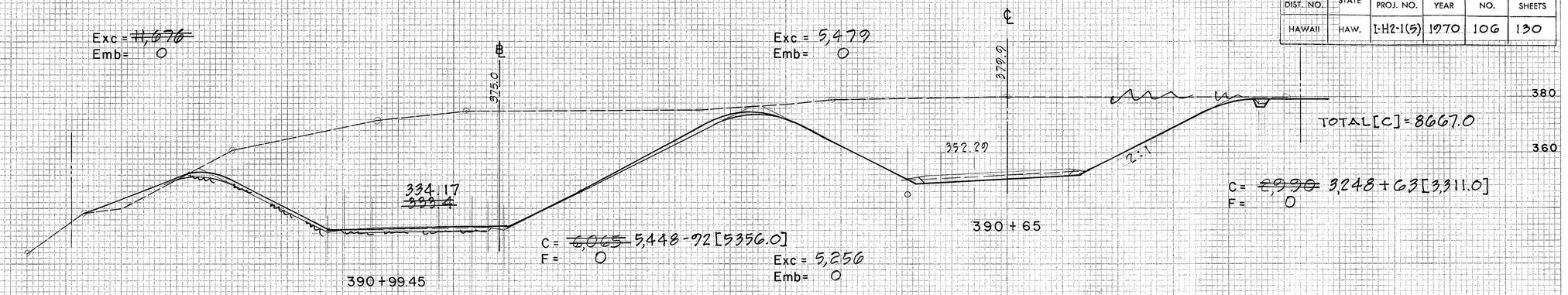
(C) 105

3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1002H-3

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

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	106	130



SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

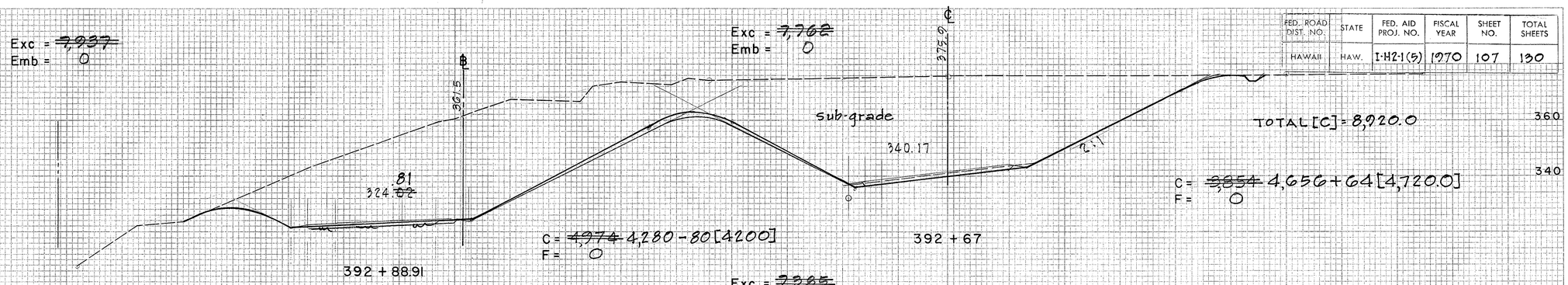
SHEET NO. 39 OF 56 SHEETS

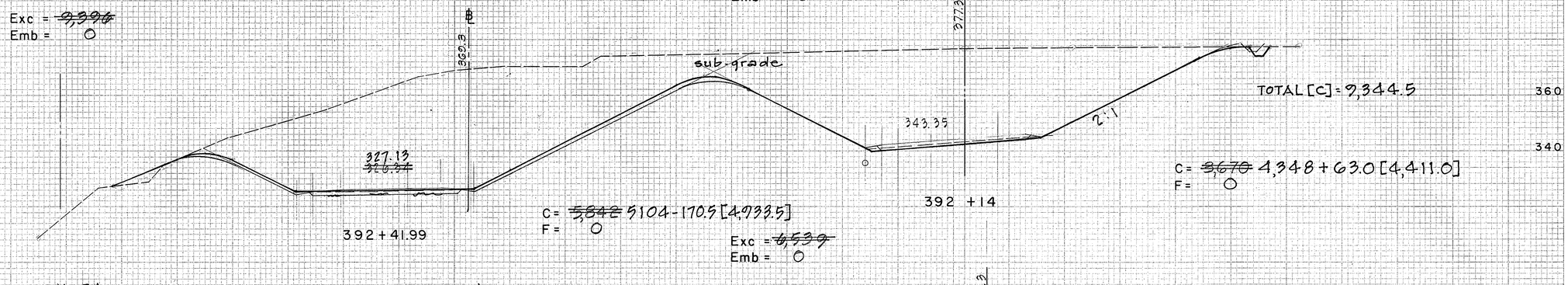
OUTB. & INB. LANES

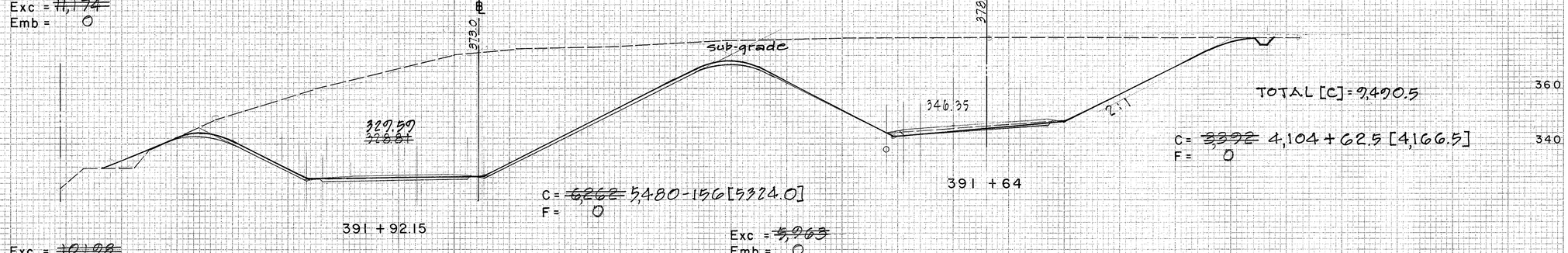
Aug. 12, 1971 (7()).106

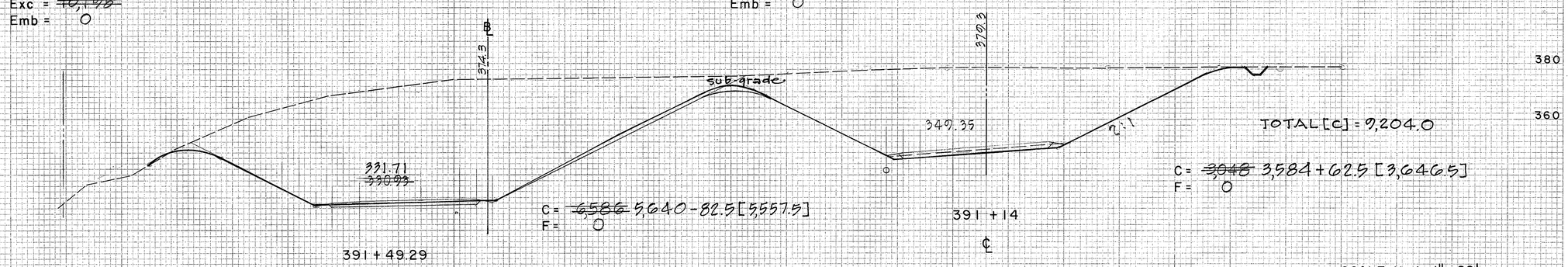
PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	107	130









SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

SHEET NO. 40 OF 56 SHEETS OUTB. & INB. LANES

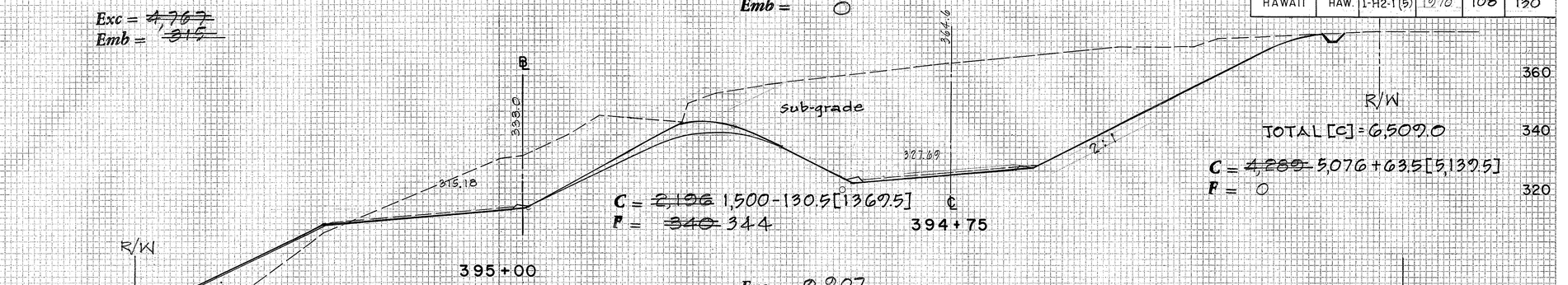
Aug. 12, 1971 (C) .107

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	108	130

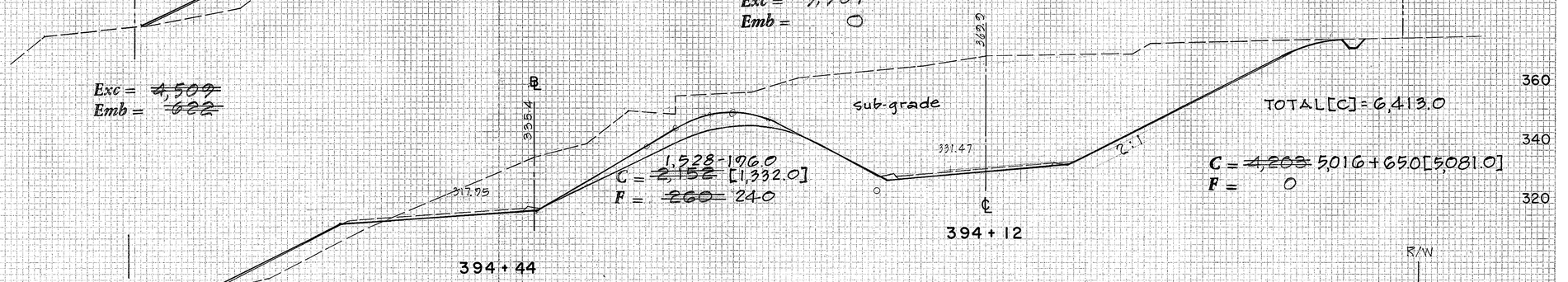
Exc = ~~4,767~~
Emb = ~~315~~

Exc = ~~8,733~~
Emb = 0



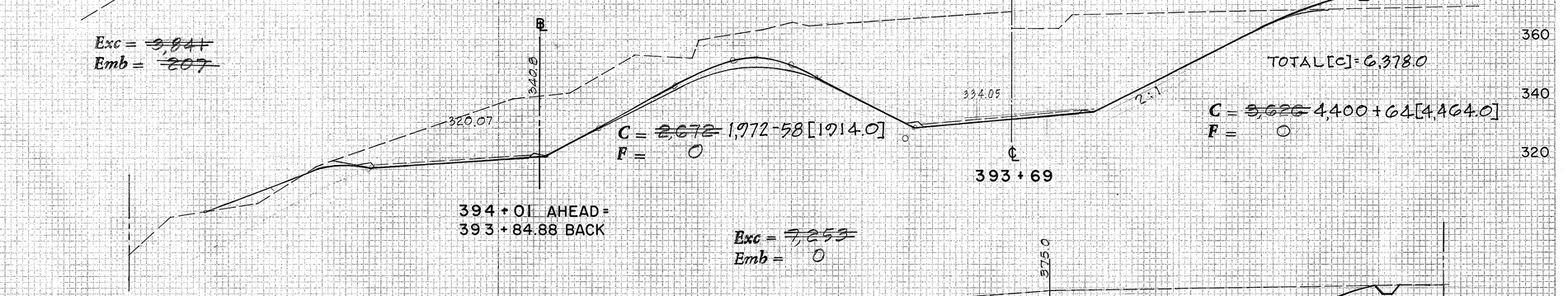
Exc = ~~4,509~~
Emb = ~~622~~

Exc = 9,907
Emb = 0



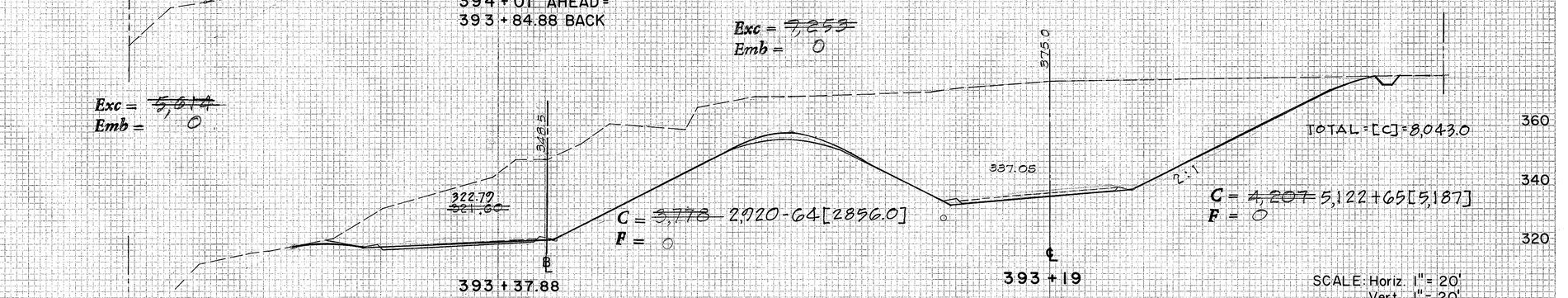
Exc = ~~3,841~~
Emb = ~~207~~

Exc = ~~5,234~~
Emb = 0



Exc = ~~5,614~~
Emb = 0

Exc = ~~7,253~~
Emb = 0



R/W

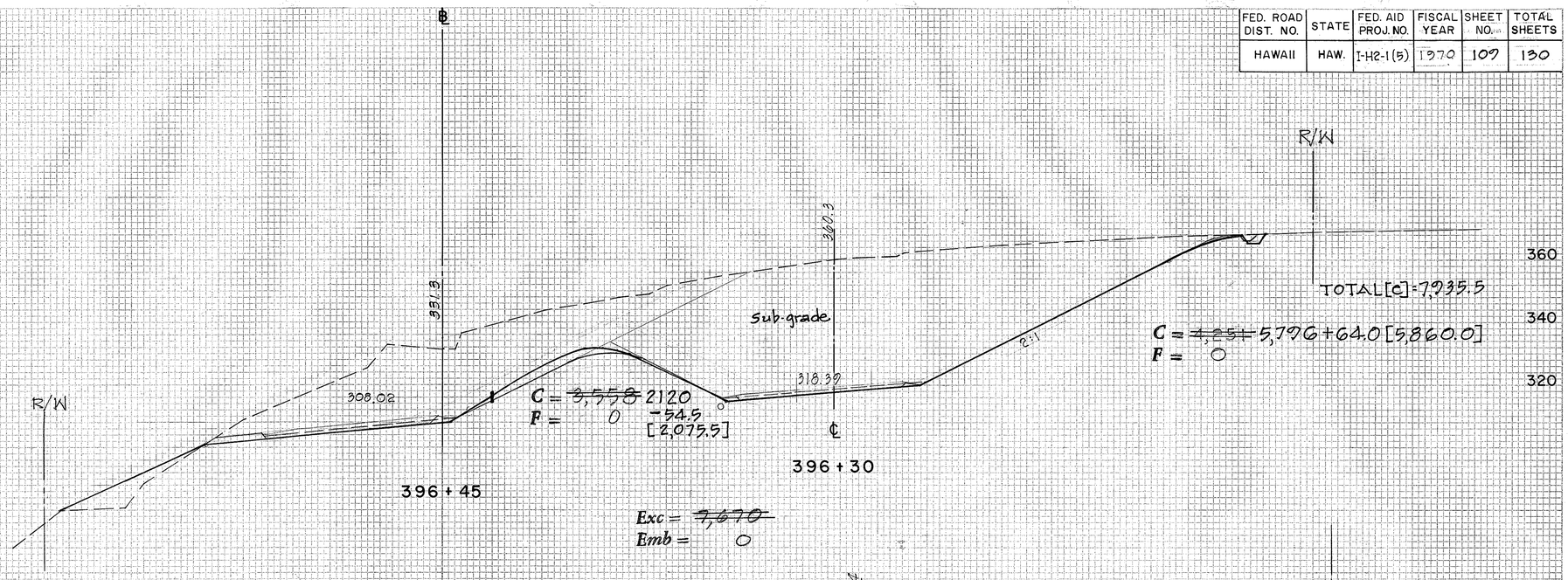
SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

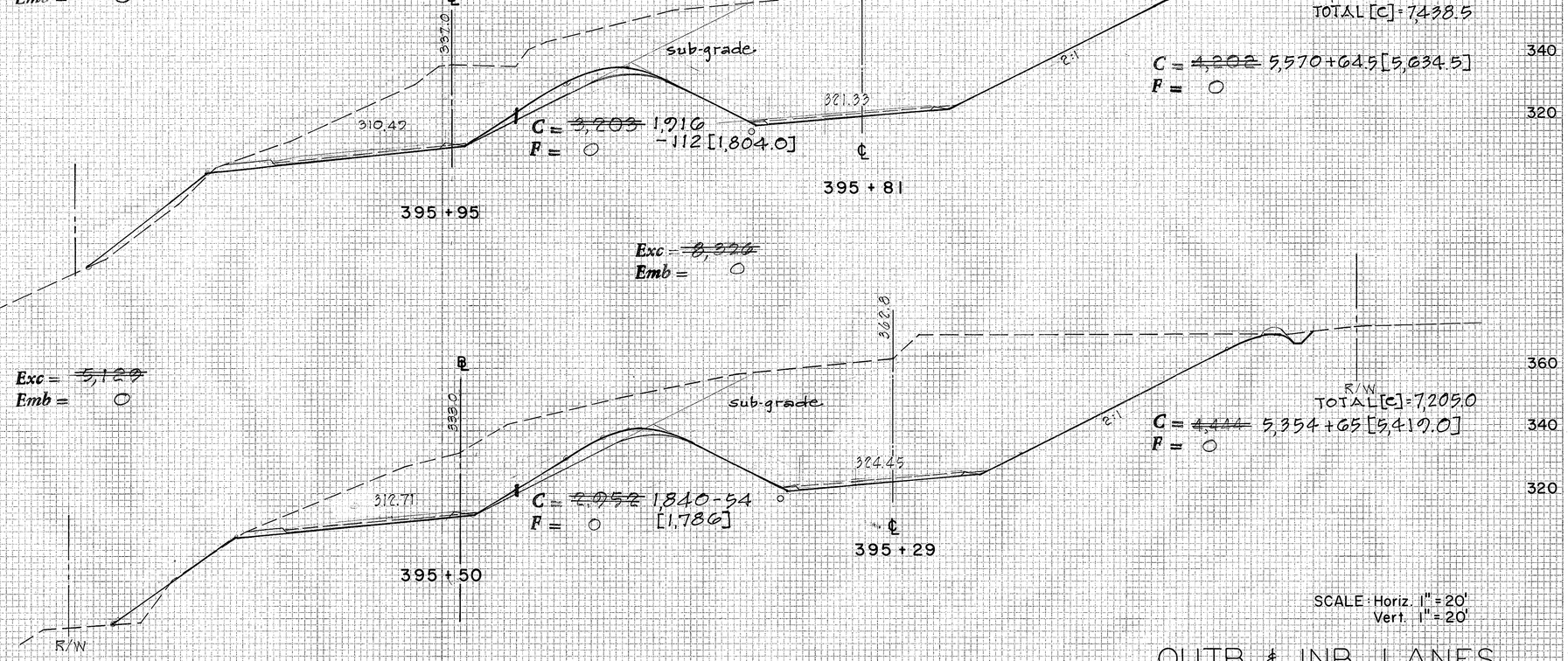
SHEET NO. 41 OF 56 SHEETS OUTB. & INB. LANES

Aug. 19, 1971 CO.105

PLATE 3 - CROSS SECTION, H.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1009H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	109	130





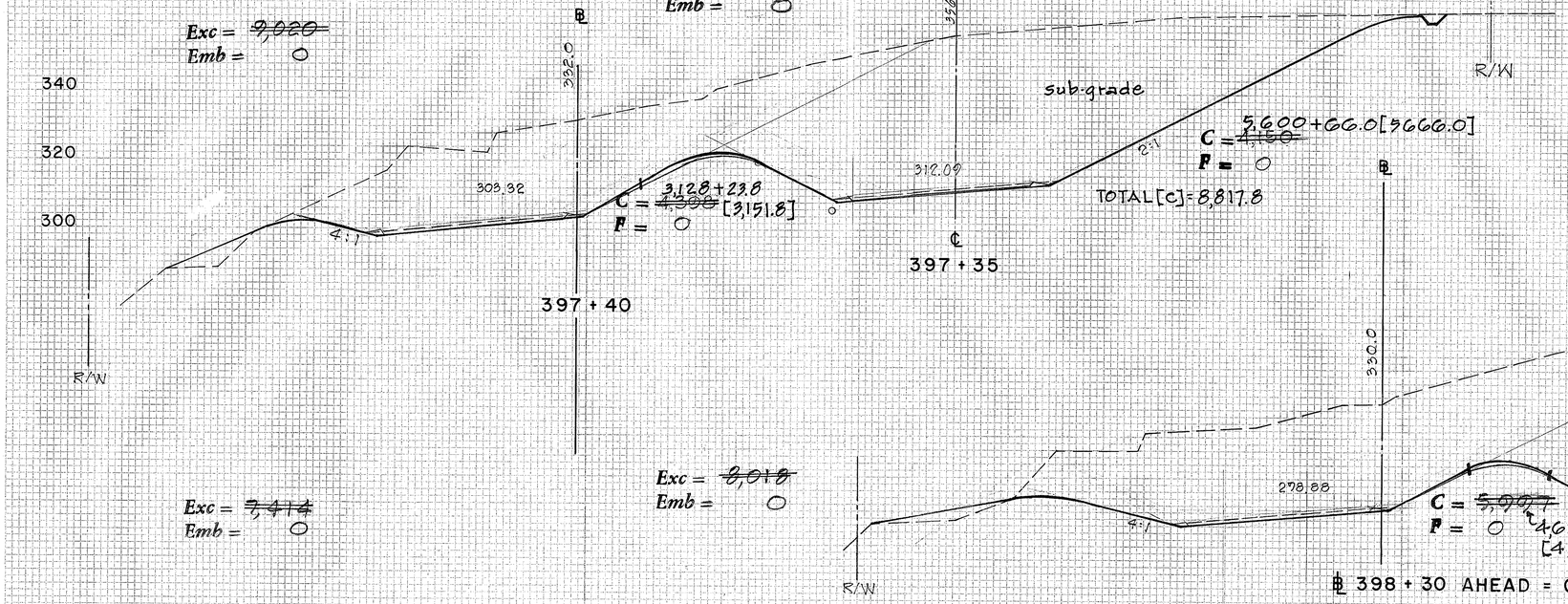
SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

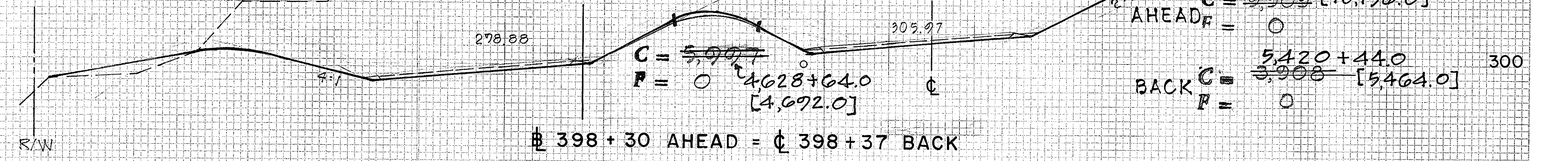
SHEET NO. 42 OF 56 SHEETS OUTB. & INB. LANES

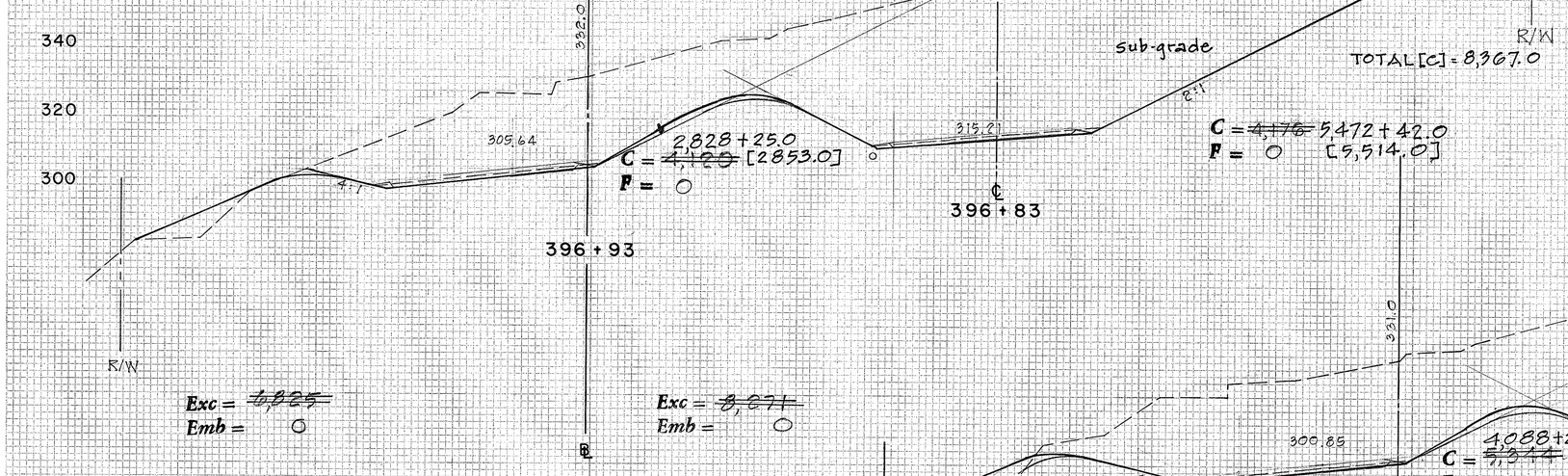
Aug. 19, 1971 (C) 0.100

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	110	130







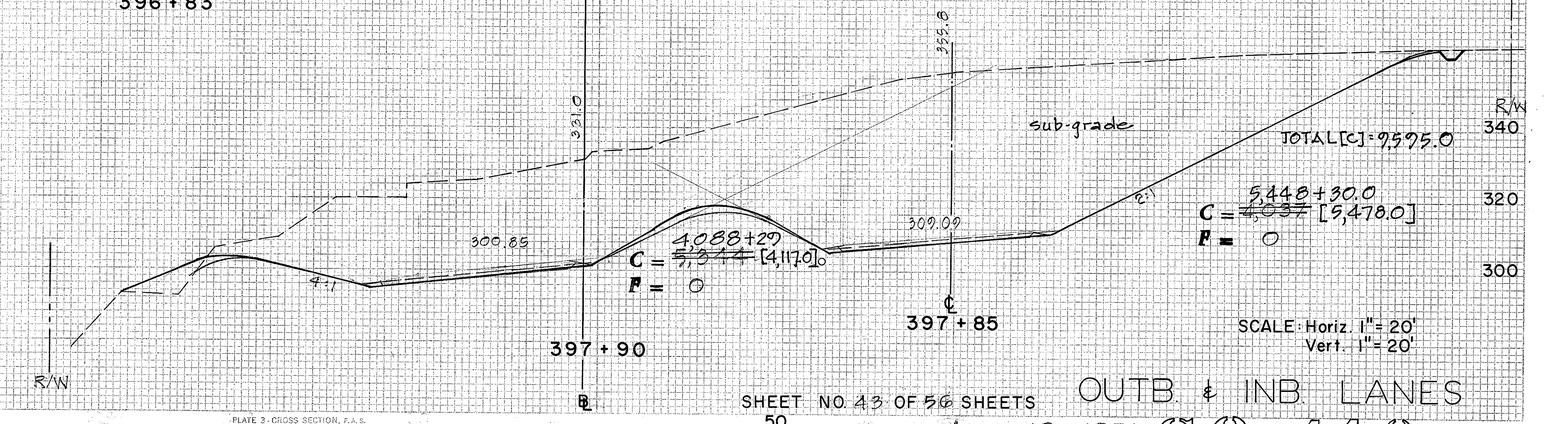


PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-5

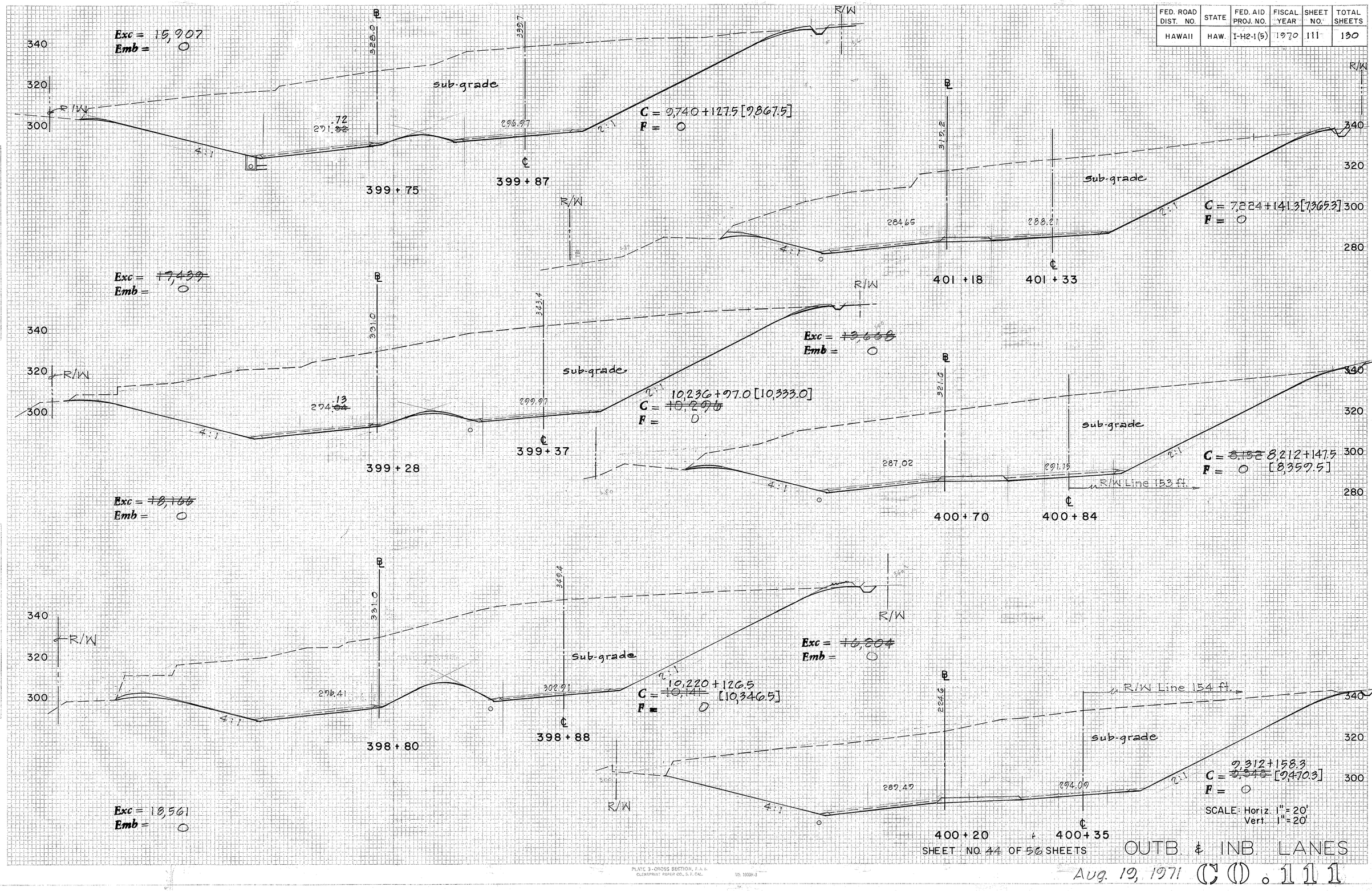
SHEET NO. 43 OF 56 SHEETS

OUTB. & INB. LANES

Aug. 12, 1971 (C) 0.110

50

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	111	130



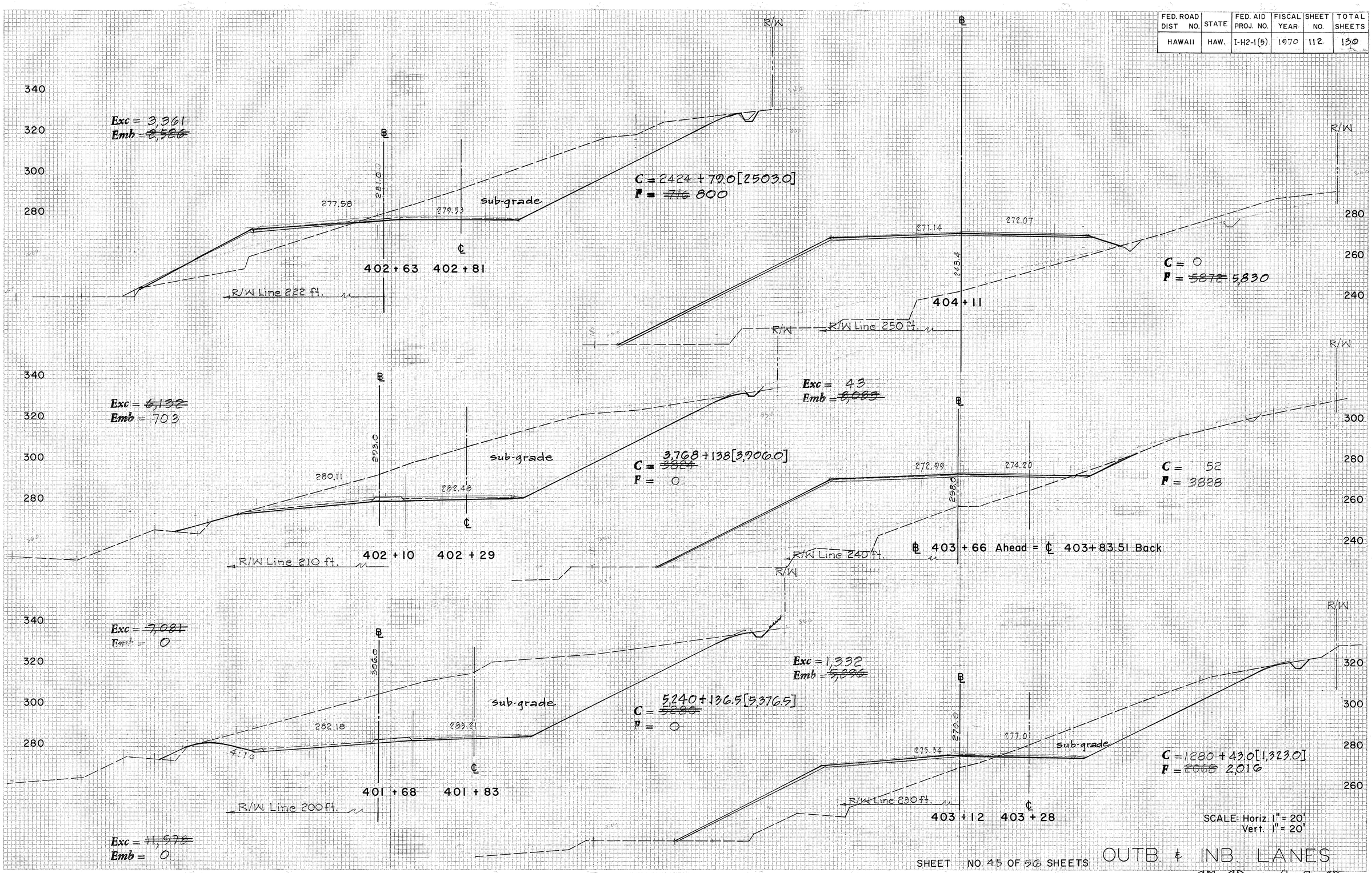
SHEET NO. 44 OF 56 SHEETS

OUTB. & INB. LANES

Aug. 12, 1971 (C)0.111

PLATE 3-CROSS SECTION, F.A.A. CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	112	130



SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

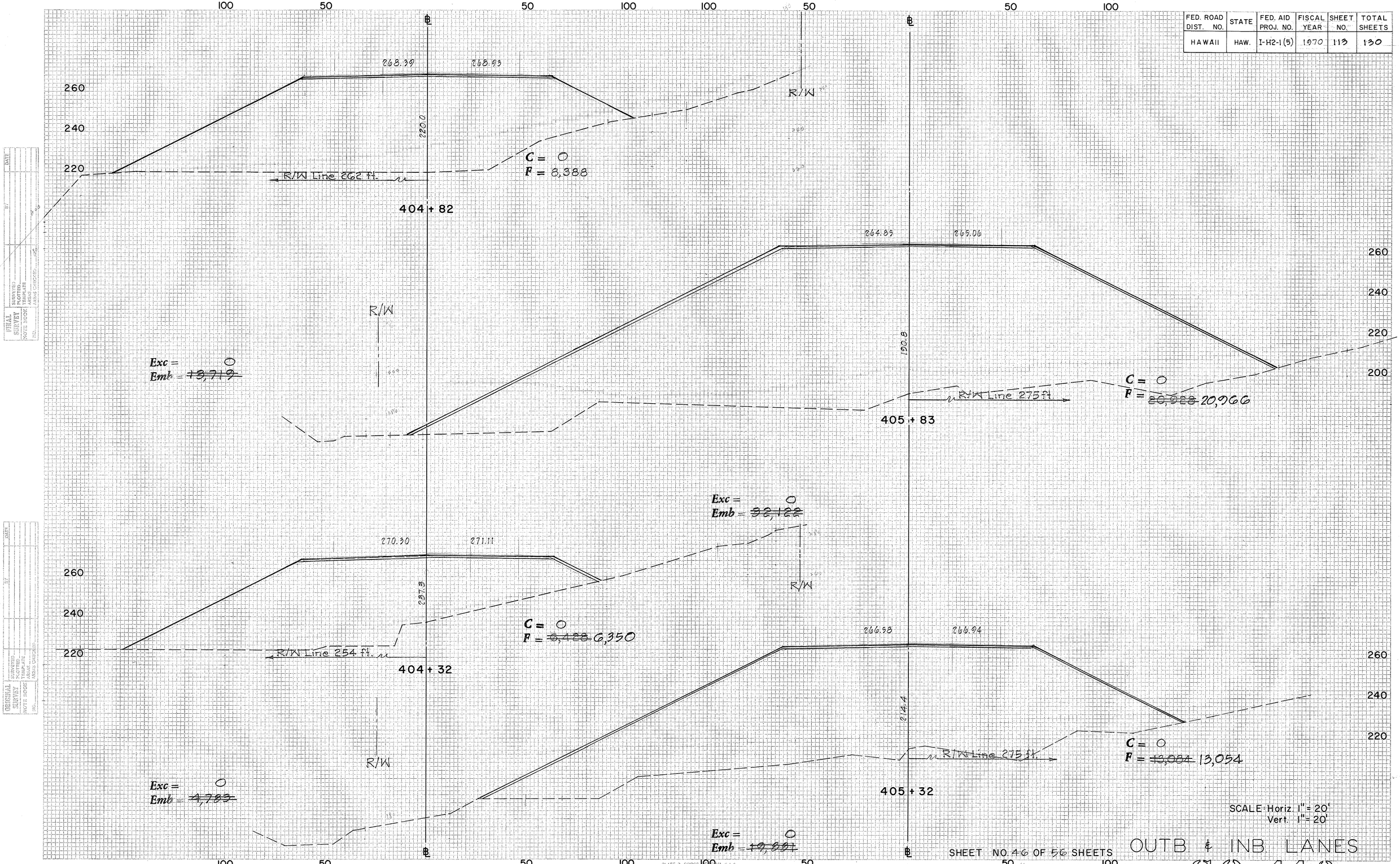
SHEET NO. 45 OF 56 SHEETS

OUTB & INB LANES

Aug. 19, 1971 (CD.112)

PLATE 3-CROSS SECTION, F.A.S. CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1070	113	130



SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

SHEET NO. 46 OF 56 SHEETS

OUTB. & INB. LANES

Aug. 19, 1971 CD. 113

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1000H-3

1364-1154

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	114	130

200 150 100 50 50 100 150 200

℄

260.40 260.37

Exc = 0
Emb = ~~36,330~~

R/W

1628

C = 0
F = ~~25,250~~ 24,972

R/W

240 220 200 180

407 + 33

261.78 261.79

Exc = 0
Emb = ~~58,147~~

R/W

1820

C = 0
F = ~~31,060~~ 31,086

R/W

260 240 220 200 180

406 + 83

263.25 263.33

Exc = 0
Emb = ~~54,401~~

R/W

1700

C = 0
F = ~~27,693~~ 27,600

R/W

260 240 220 200 180

406 + 33

Exc = 0
Emb = ~~45,019~~

200 150 100 50 50 100 150 200

SCALE Horiz. 1" = 20'
Vert. 1" = 20'

SHEET NO. 47 OF ~~56~~ SHEETS OUTB & INB LANES

Aug. 12, 1971 (0).114

PLATE 1 CROSS SECTION, K.A.S.
CLEARPRINT PAPER CO. S. F. CAL.
NO. 1600H-3

ORIGINAL SURVEY / FINAL SURVEY
NOTE BOOK
PAGE
SURVEYED
PLOTTED
PLOTTED DATE
AREAS
AREAS CHECKED
BY
DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	115	130

100 50 50 100 100 50 50 100

℄ sub-grade 257.08 250.0

260 240 220 200 180

R/W

300 MATCH 280 408+84 260

Exc = ~~1,148~~
Emb = ~~8,981~~

1,328+48.0
C = ~~1240~~ [1,376.0]
F = ~~2420~~ 2,342

R/W

258.26 230.0

R/W

240 220 200 180

408+34

Exc = 0
Emb = ~~20,083~~

C = 0
F = ~~7680~~ 7,540

R/W

R/W Line 265 ft.

407+83

℄

C = 0
F = ~~13,984~~ 13,968

℄ 275.2

R/W

300 280 260 240 220

sub-grade

254.73

R/W Line 175 ft.

C = 5564+131.0
F = 0 [5,695.0]

409+84

Exc = ~~3,011~~
Emb = ~~395~~

R/W

265.0

280 260 240 220

255.91 sub-grade

R/W Line 175 ft.

C = ~~3736~~ 3,784+92.0 [3,876.0]
F = ~~416~~ 440

409+34

Exc = ~~4,607~~
Emb = ~~2,626~~

R/W

SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

PLATE 3 - CROSS SECTION, F.A.S.
CLEARWAY PAPER CO., S.F., CAL.
NO. 10001-3

SHEET NO. 48 OF 56 SHEETS

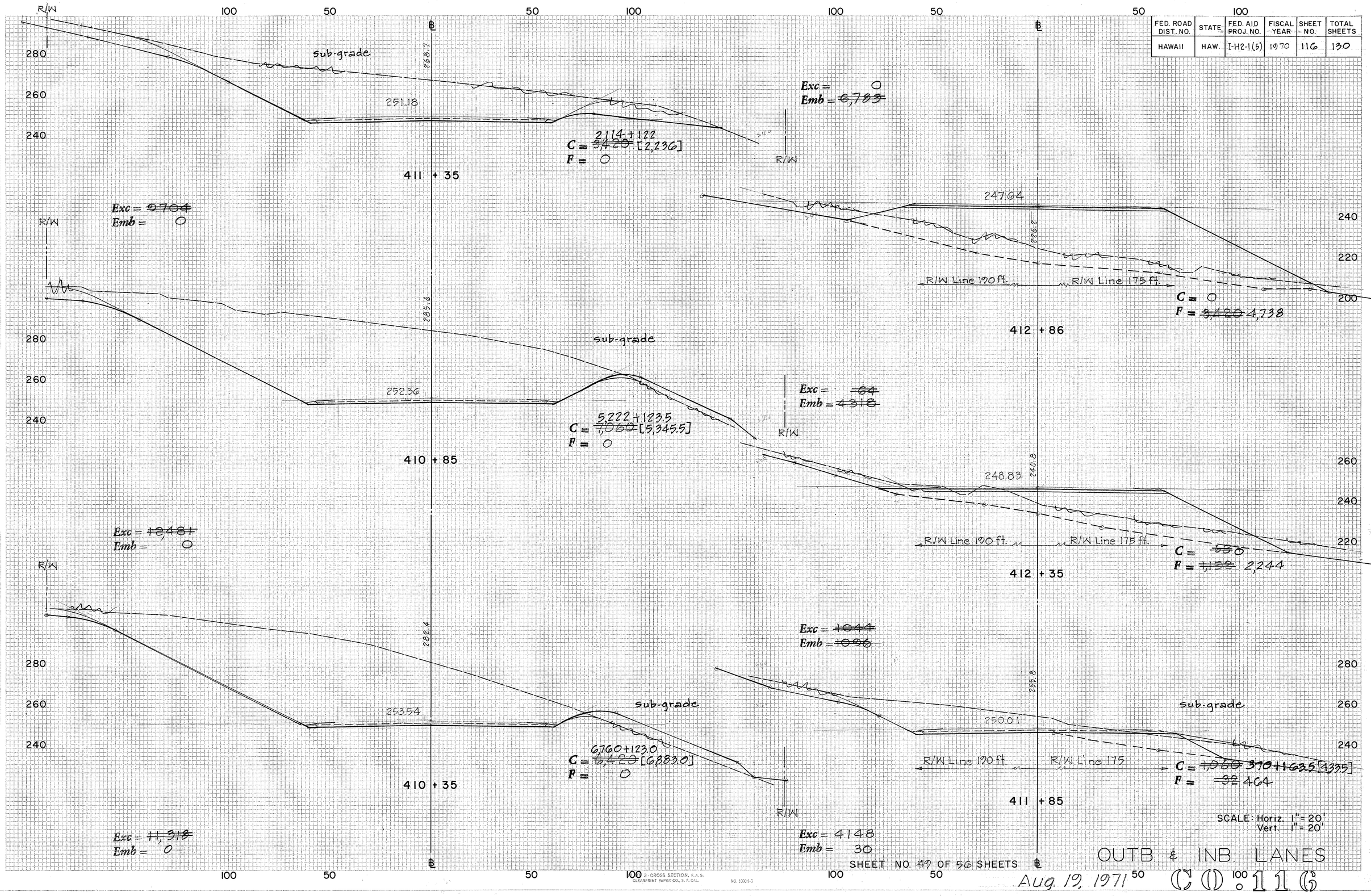
OUTB & INB LANES

Aug. 12, 1971

CD 115

DESIGNED
DRAWN
CHECKED
QUANTITIES
APPROVED
DATE
SHEET 1 OF SHEETS
STRAIGHT
SURVEY
SHOWN
PLOTTED
TRACED
NOTE BOOK
AREAS CHECKED
NO.
DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	116	130



FINAL SURVEY — ORIGINALS SURVEYED, PLOTTED, TRACED, NOTE BOOK, AREAS, CHECKED, DATE

3-CROSS SECTION, F.A.S. CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

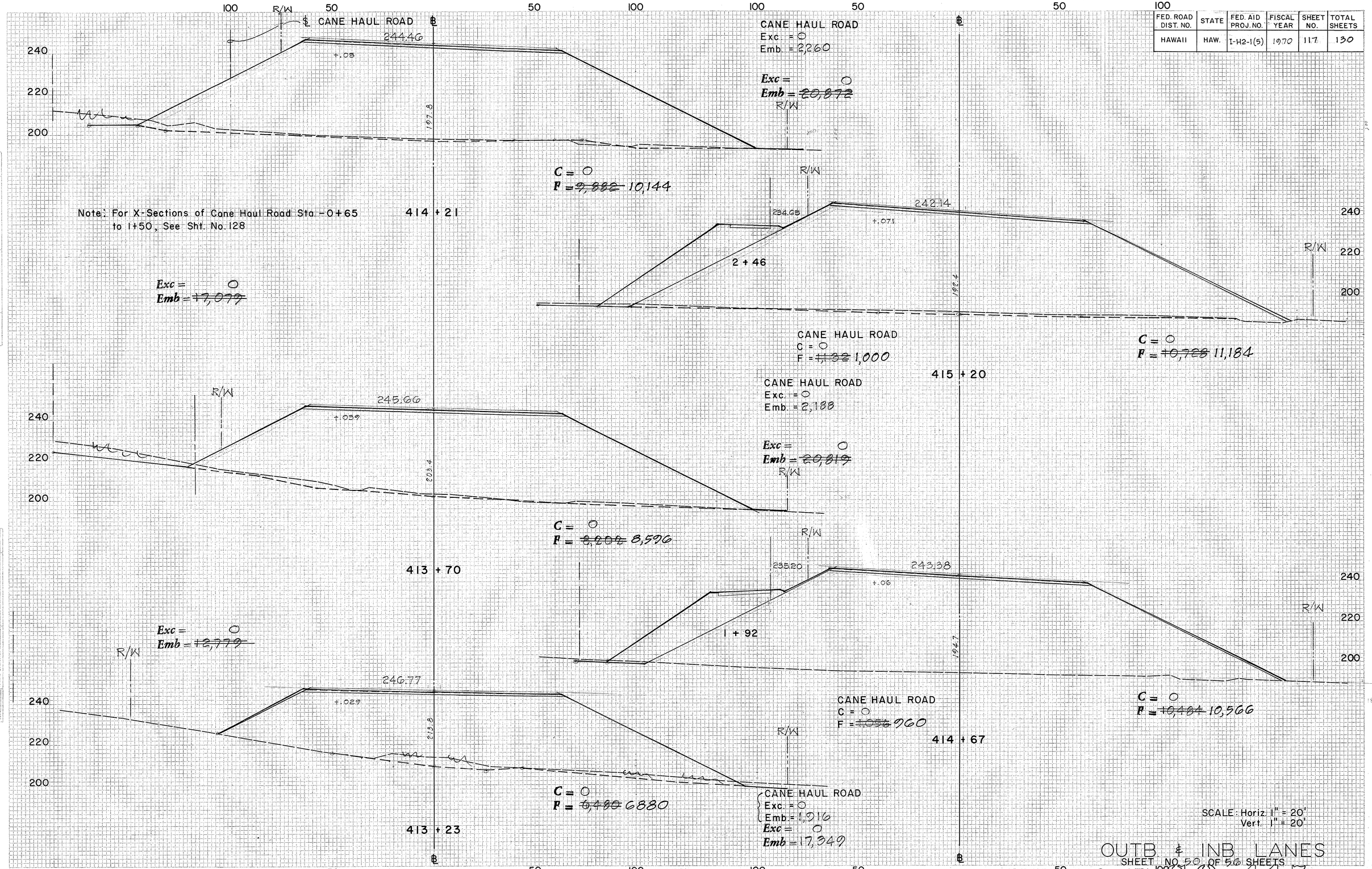
SHEET NO. 49 OF 56 SHEETS

OUTB. & INB. LANES

Aug. 12, 1971

(C) 116

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	117	130

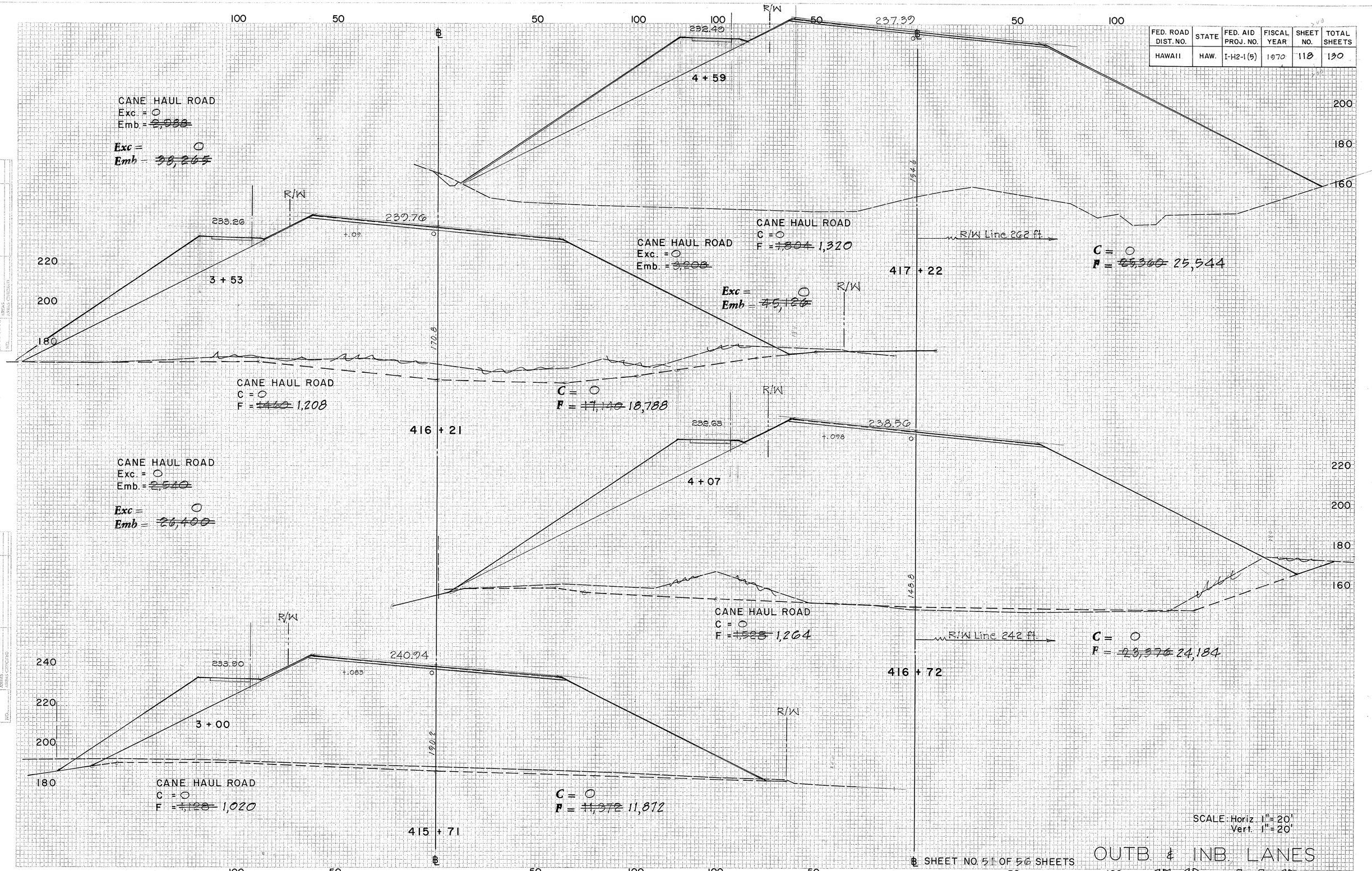


OUTB. & INB. LANES
SHEET NO. 50 OF 56 SHEETS

Aug. 12, 1971 (C) 0.117

3-CROSS SECTION, F.J.S. CLEARPRINT PAPER CO., S. F., CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	118	130



SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

℄ SHEET NO. 51 OF 56 SHEETS

OUTB. & INB. LANES

Aug. 19, 1971

CO.11S

CROSS SECTION, C.A.S. CLEARPRINT PAPER CO., S. F., CAL. NO. 10951-S

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	117	130

100 R/W 50 50 100 100 50 50 100

240 220 200 180 160

237.02 233.88 225.0

6+20

CANE HAUL ROAD
C = ~~344~~ 960
F = 0

CANE HAUL ROAD
Exc. = ~~328~~
Emb. = ~~401~~

418 + 71

C = ~~36~~ 28
F = ~~2,816~~ 556

Exc = ~~33~~
Emb = ~~12,373~~

R/W

239.55

7 + 25

231.56 233.2

Sub-grade

CANE HAUL ROAD
C = ~~1,500~~ 1,608
F = 0

CANE HAUL ROAD
Exc. = ~~2,685~~
Emb. = 0

Exc = ~~10,025~~
Emb = 0

419 + 70

C = ~~3,770~~ 3,748 + 122.0 [3,870.0]
F = 0

260 240 220 200

234.74 235.04 166.7

5 + 67

CANE HAUL ROAD
C = 0
F = ~~300~~ 276

CANE HAUL ROAD
Exc. = 0
Emb. = ~~1,723~~

Exc = 0
Emb = ~~25,833~~

418 + 22

C = 0
F = ~~10820~~ 8,476

R/W

239.72 232.71 231.0

6+75

Sub-grade

CANE HAUL ROAD
C = ~~1,400~~ 1,528
F = 0

CANE HAUL ROAD
Exc. = ~~2,235~~
Emb. = 0

Exc = ~~8,691~~
Emb = 2,607

419 + 21

C = ~~2,870~~ 2776 + 130.0 [2,906.0]
F = 0

R/W Line 262 ft.

260 240 220 200

233.17 206.21 174.2

5 + 12

CANE HAUL ROAD
C = 0
F = ~~1,102~~ 926

CANE HAUL ROAD
Exc = 0
Emb = ~~2,941~~

Exc = 0
Emb = ~~39,296~~

417 + 72

C = 0
F = ~~17,050~~ 15,206

180 160

100 50 50 100 100 50 50 100

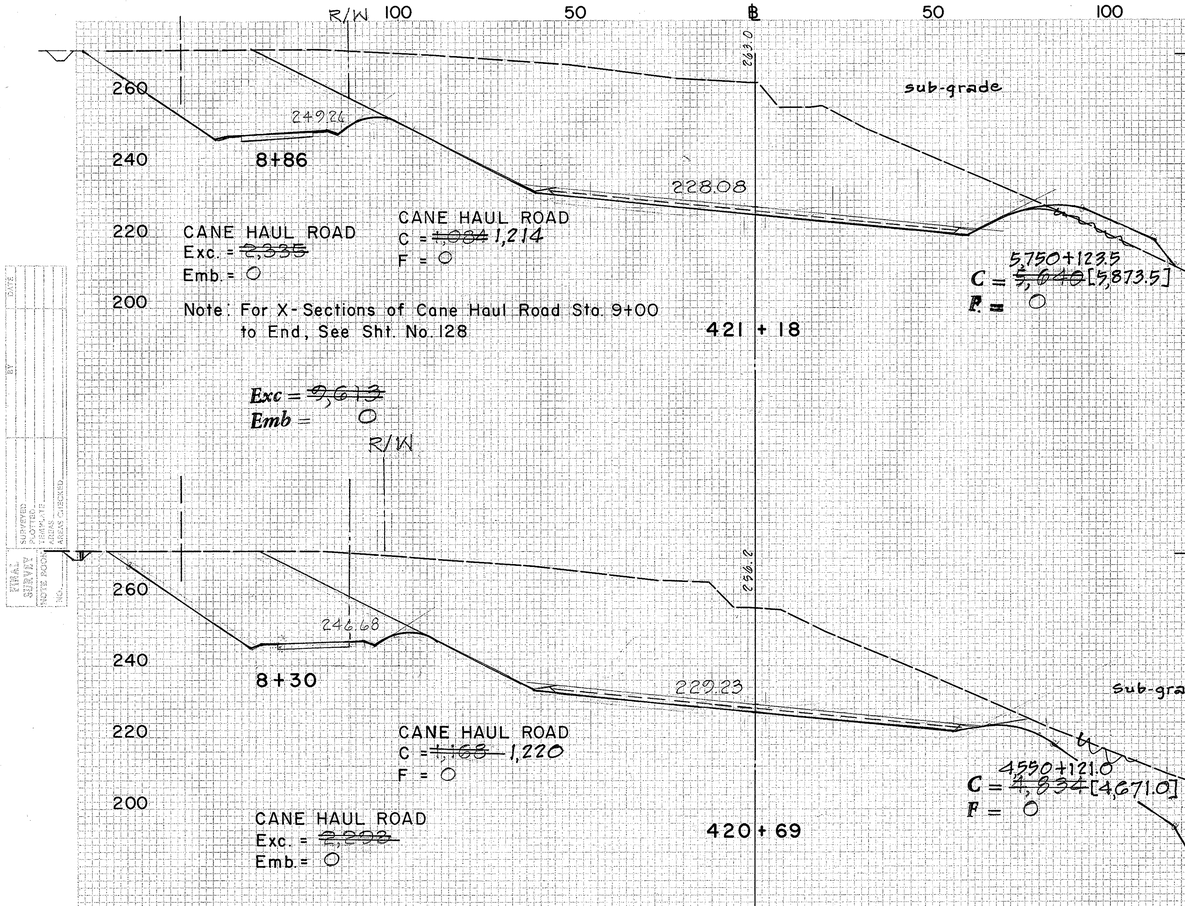
SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

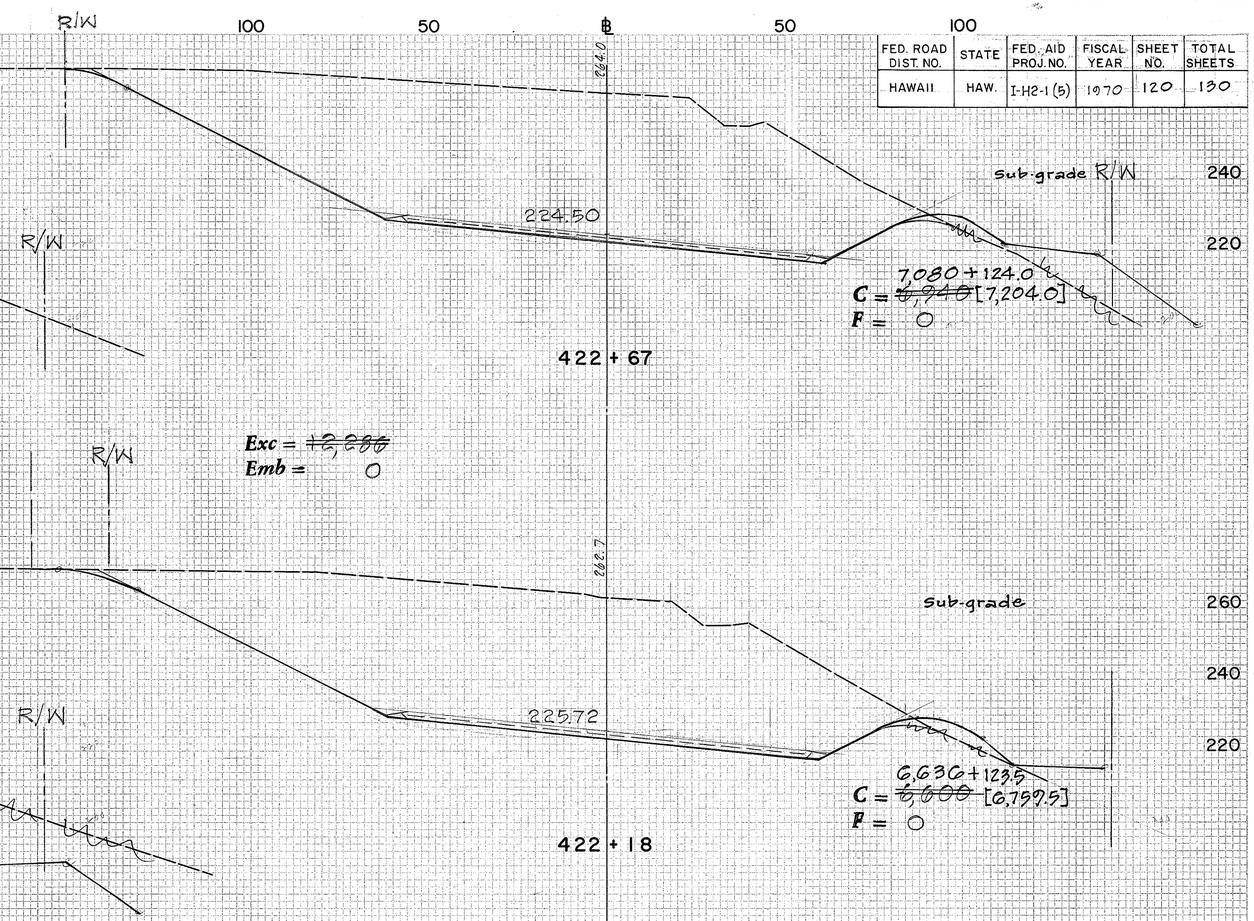
OUTB & INB LANES
SHEET NO. 52 OF 56 SHEETS

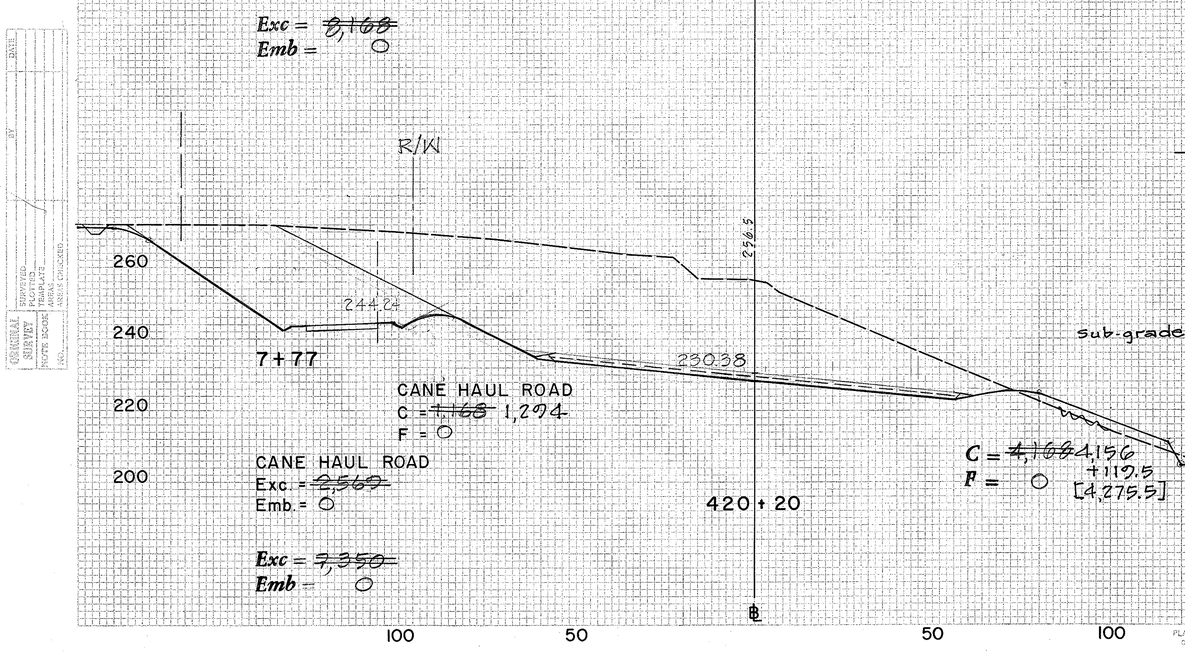
PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1003M-3

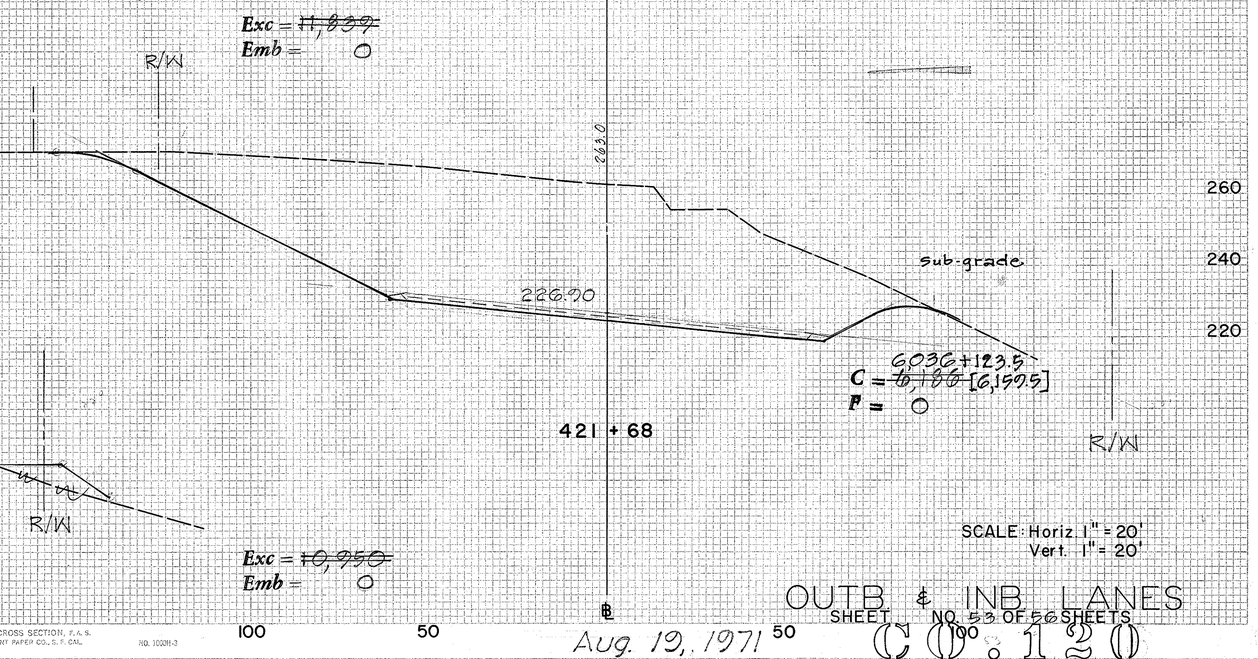
Aug. 12, 1971 (70.119)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1 (5)	1970	120	130









SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

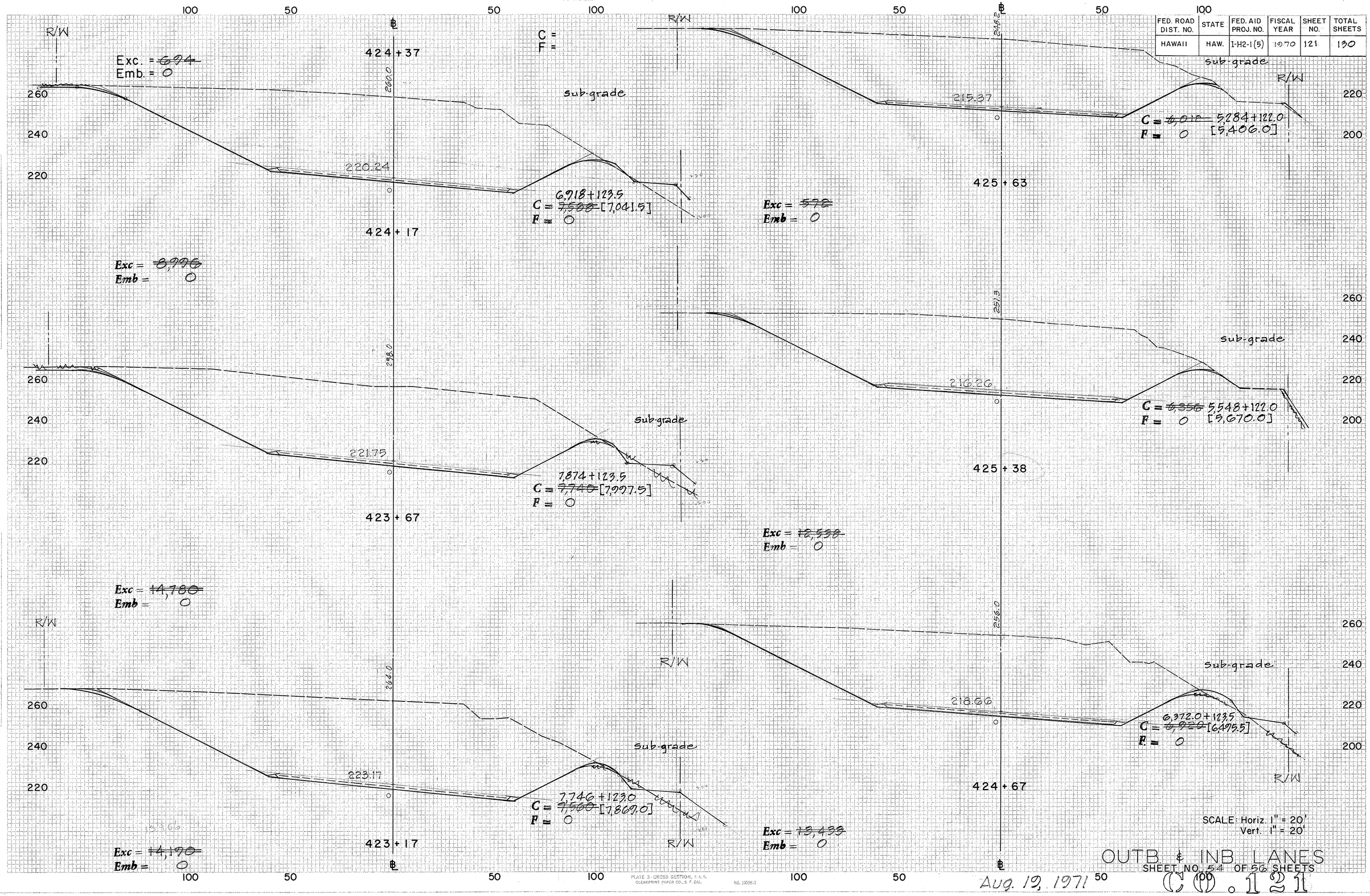
OUTB & INB. LANES
SHEET NO. 53 OF 56 SHEETS

Aug. 19, 1971

C.O. 120

PLATE 3-CROSS SECTION, F.A.S. CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	121	130



SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

OUTB. & INB. LANES

SHEET NO. 54 OF 56 SHEETS

Aug. 12, 1971

C(D). 121

PLATE 3 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1009H-3

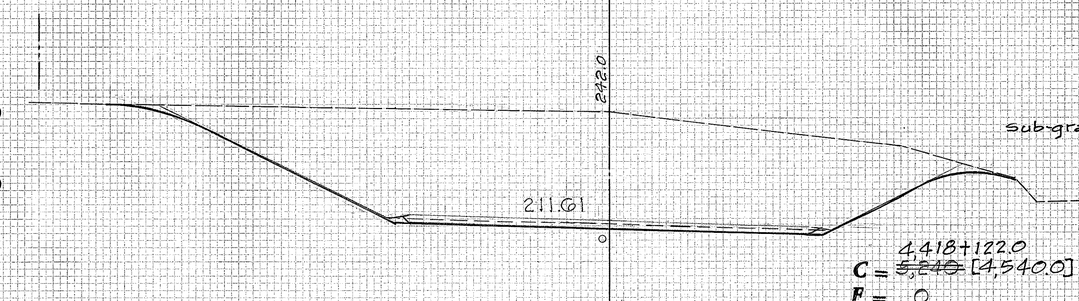
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	122	130

100 50 50 100

3,050+123.5
C = ~~5,276~~ [4,073.5]
F =

427 + 13

Exc = ~~9,737~~
Emb = 0



4,418+122.0
C = ~~5,240~~ [4,540.0]
F = 0

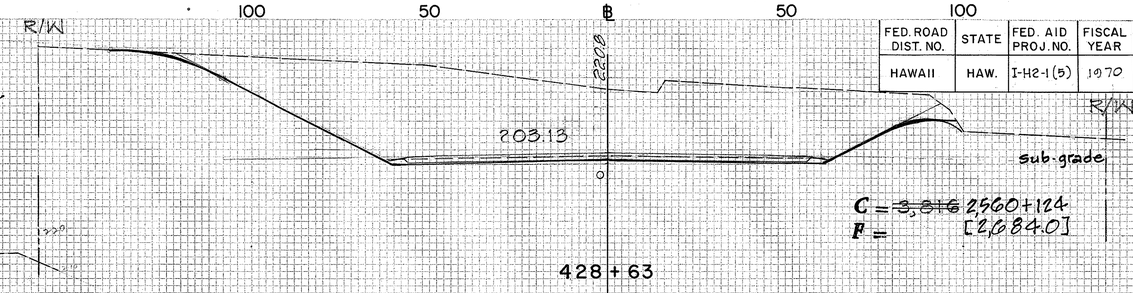
426 + 63

Exc = ~~10,207~~
Emb = 0

4,812+122.0
C = ~~5,784~~ [4,934.0]
F = 0

426 + 13

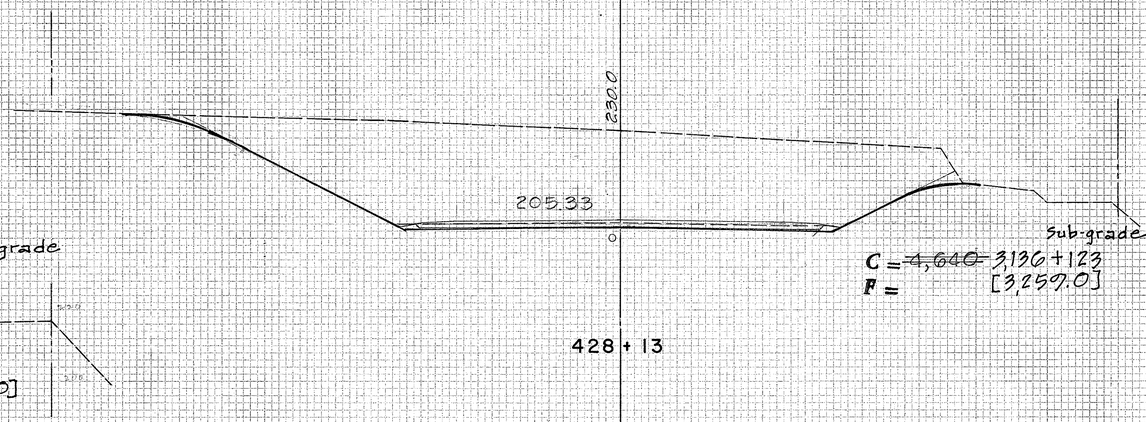
Exc = ~~10,988~~
Emb = 0



C = ~~3,816~~ 2,560+124
F = [2,684.0]

428 + 63

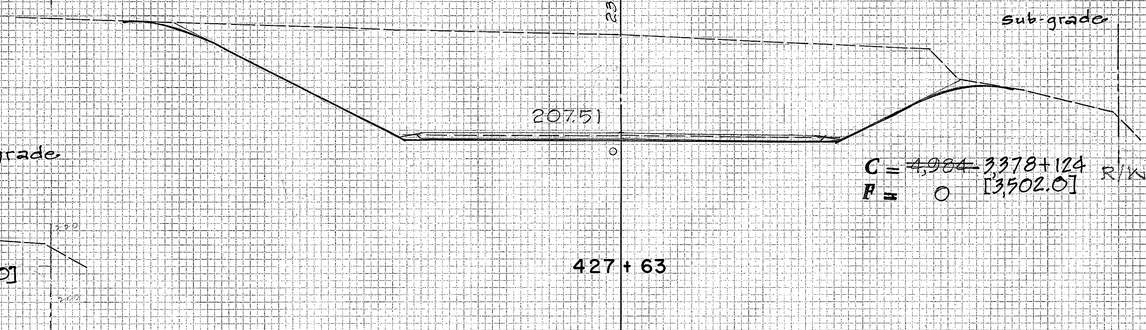
Exc = ~~7,829~~
Emb = 0



C = ~~4,640~~ 3,136+123
F = [3,259.0]

428 + 13

Exc = ~~8,911~~
Emb = 0



C = ~~4,984~~ 3,378+124
F = 0 [3,502.0]

427 + 63

Exc = ~~9,500~~
Emb = 0

SCALE: Horiz. 1" = 20'
Vert: 1" = 20'

OUTB. & INB. LANES
SHEET NO. 55 OF 56 SHEETS

100 50 50 100 100 50 100

PLATE 3-CROSS SECTION, F.A.S. CLEARPRINT PAPER CO., S. F. CAL. NO. 1000M-3

Aug. 19, 1971

C.O. 122

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	123	139

100 50 50 100

℄

R/W

220

200

205.7

108.71

sub-grade

delete c.c.o.#22

Inv. 192.0 Inv. 191.0 Inv. 190.0

$C = \frac{676 + 123.8}{\cancel{1,360}}$ [799.8]

$F = 0$

429 + 63.38

$Exc = \cancel{3,706}$

$Emb = 0$

R/W

220

200

210.5

200.93

sub-grade

$C = \frac{1,712 + 123.0}{\cancel{2,612}}$ [1,835.0]

$F = 0$

429 + 13

$Exc = \cancel{5,952}$

$Emb = 0$

100 50 50 100

℄

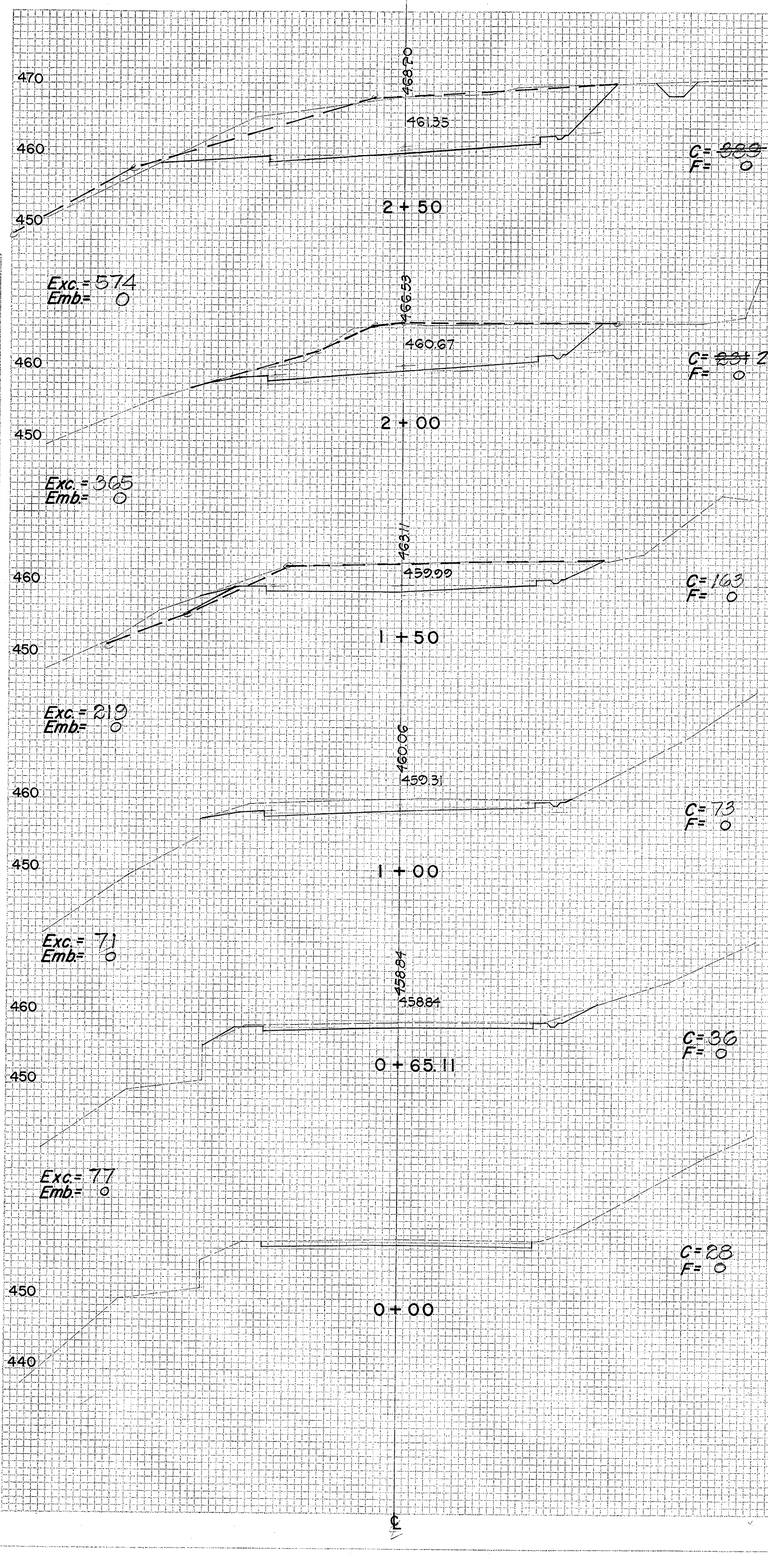
PLATE 3 - CROSS SECTION, F.A.S.
CLARIFINE PRESS CO., S. F. CAL.

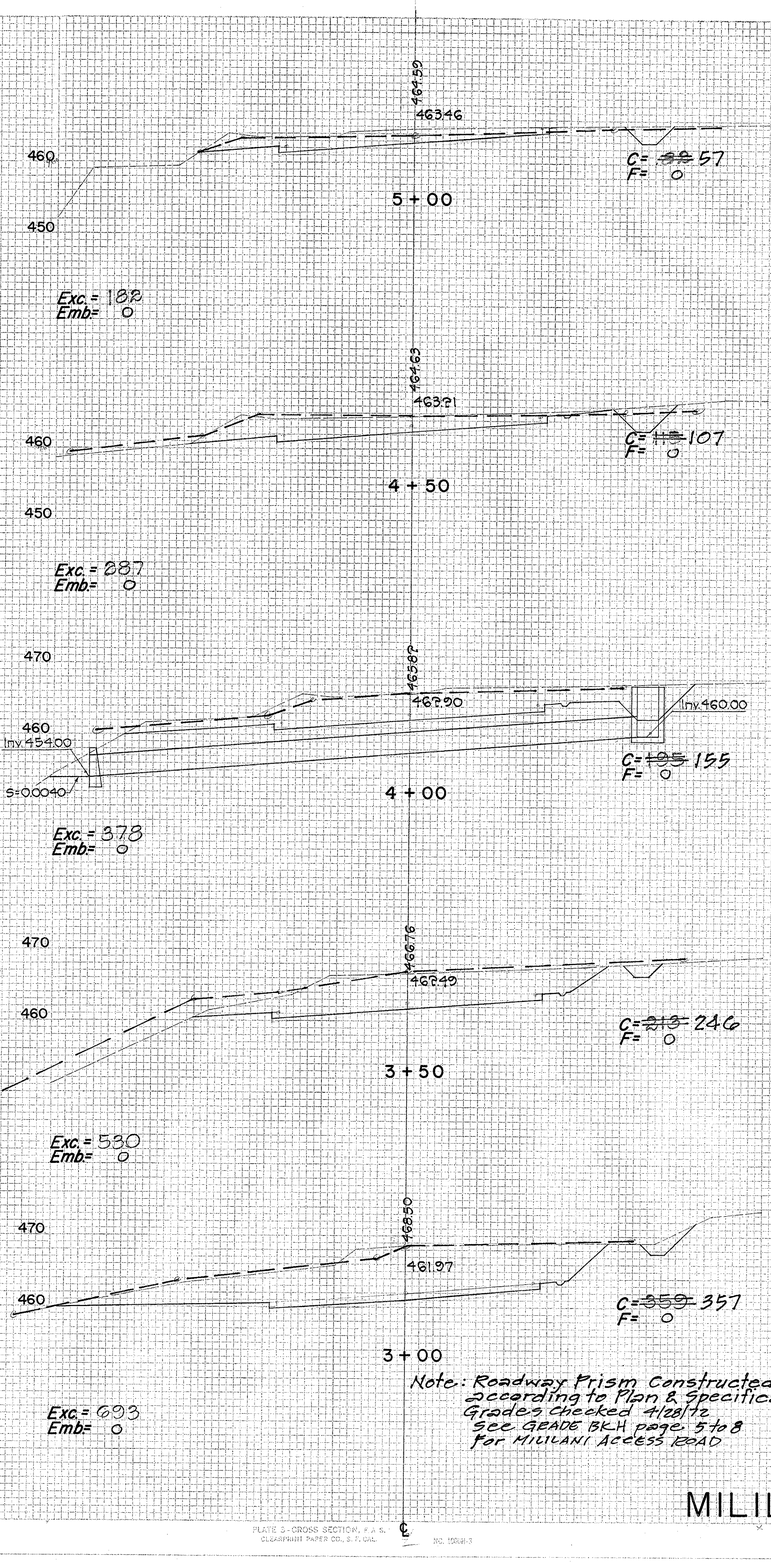
SCALE: Horiz. 1" = 20'
Vert. 1" = 20'

OUTB & INB LANES
SHEET NO. 50 OF 56 SHEETS

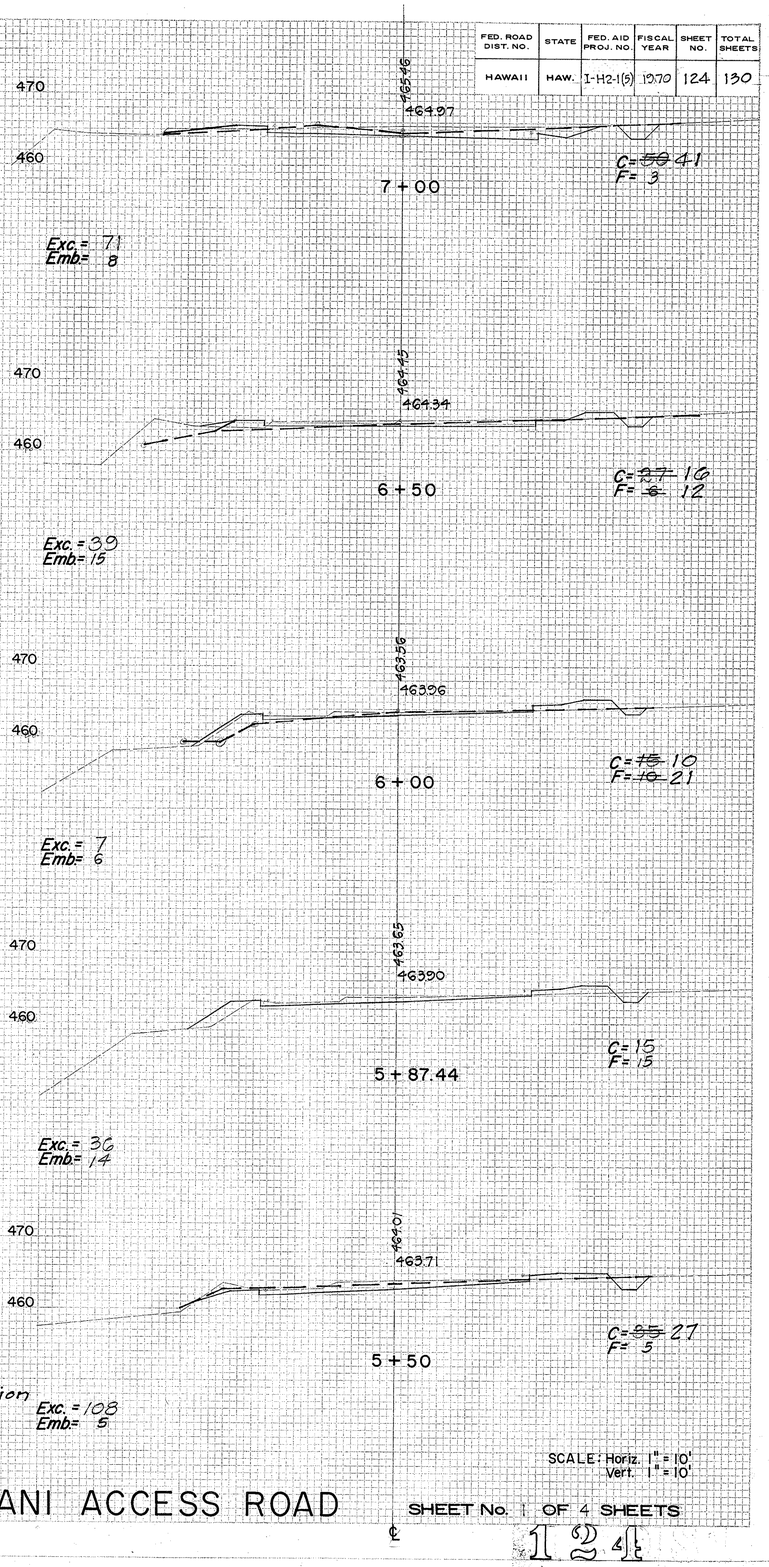
Aug. 19, 1971 CO. 123

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	124	130





Note: Roadway Prism Constructed According to Plan & Specification Grades checked 4/28/72 See GRADE BK H page 5 to 8 for MILILANI ACCESS ROAD



SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

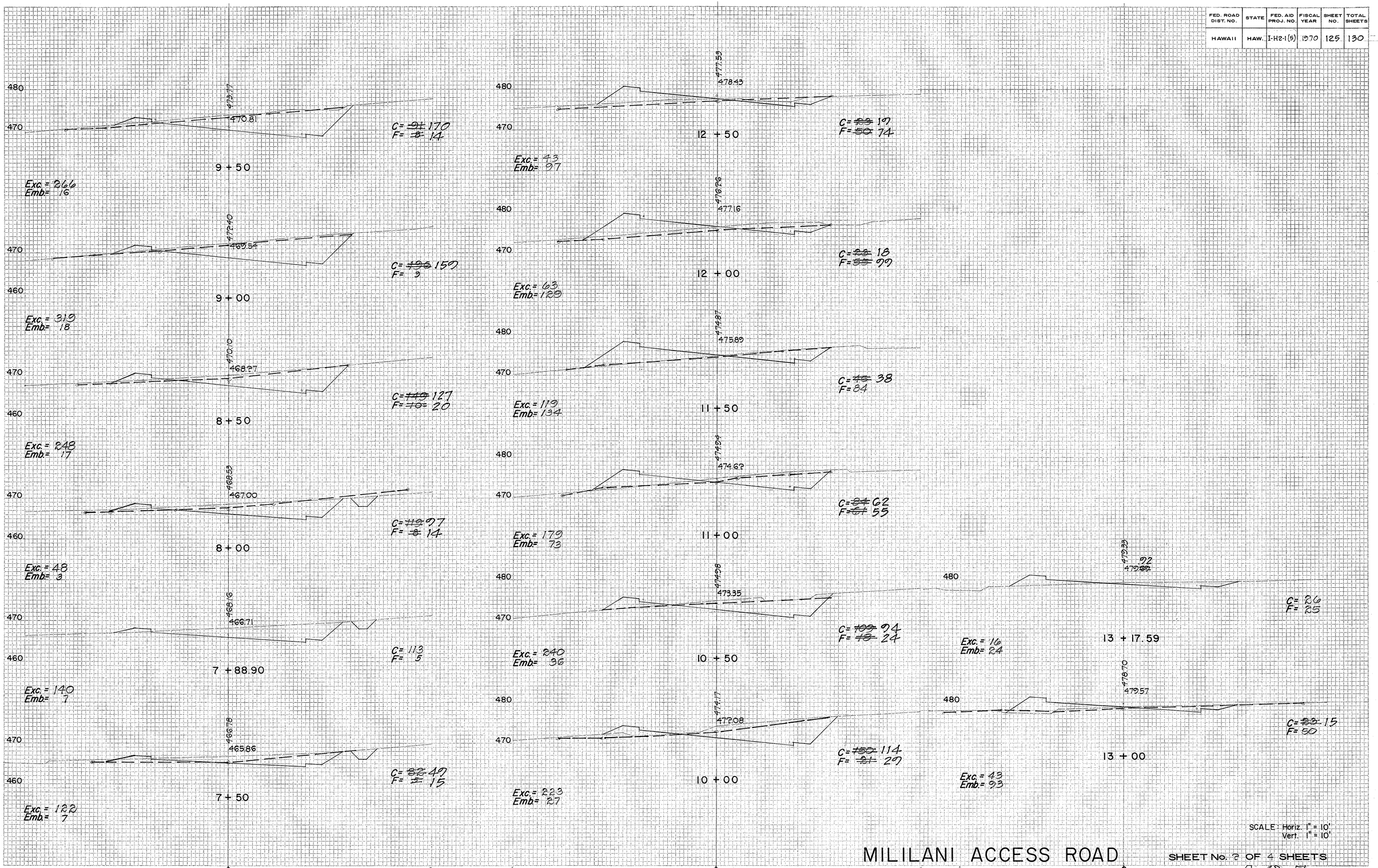
MILILANI ACCESS ROAD

SHEET No. 1 OF 4 SHEETS

124

PLATE 5-CROSS SECTION, F.A.S. CLEARPRINT PAPER CO., S.F. CAL. NO. 1208-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	125	130



SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

MILILANI ACCESS ROAD

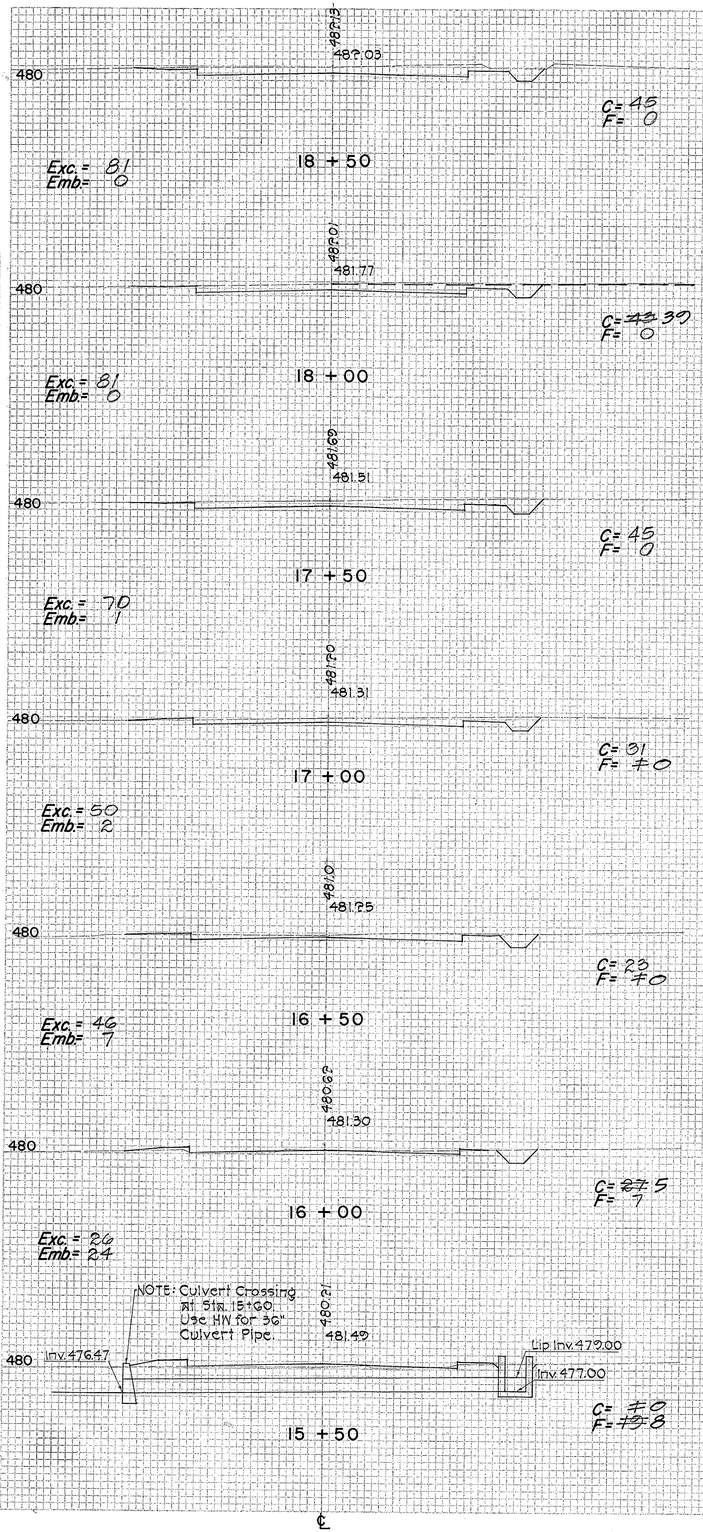
SHEET No. 2 OF 4 SHEETS

125

PLATE 3-CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.
NO. H08H-3

67

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	126	130



SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

MILILANI ACCESS ROAD

SHEET No. 3 OF 4 SHEETS

126

PLATE 5 - CROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.

68

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	127	130

480
470
477.04
478.13
C= 16
F= ~~55~~ 34
27 + 50
Exc.= 86
Emb.= 93

480
470
478.70
479.15
C= ~~13~~ 8
F= ~~45~~ 34
27 + 00
Exc.= 11
Emb.= 77

480
470
478.81
479.89
C= 0
F= ~~33~~ 28
26 + 50
Exc.= 0
Emb.= 73

480
470
479.11
480.33
C= 0
F= ~~47~~ 47
26 + 00
Exc.= 0
Emb.= 73

480
470
479.30
480.62
C= 0
F= ~~41~~ 53
25 + 52.12
Exc.= 0
Emb.= 4

480
470
479.34
480.63
C= 0
F= 61
25 + 50
Exc.= 0
Emb.= 113

470
468.0
468.05
C= ~~27~~ 35
F= 0
31 + 00
Exc.= 44
Emb.= 3

470
469.50
469.51
C= 20
F= 3
30 + 50
Exc.= 38
Emb.= 5

470
471.10
470.97
C= ~~27~~ 29
F= 2
30 + 00
Exc.= 49
Emb.= 8

470
472.61
472.43
C= ~~33~~ 38
F= 7
29 + 50
Exc.= 51
Emb.= 35

470
473.50
473.89
C= 23
F= ~~37~~ 5
29 + 00
Exc.= 35
Emb.= 55

470
474.95
475.35
C= 15
F= ~~25~~ 11
28 + 50
Exc.= 25
Emb.= 62

470
475.80
476.81
C= 12
F= 39
28 + 00
Exc.= 26
Emb.= 87

SCALE: Horiz. 1" = 10'
Vert. 1" = 10'

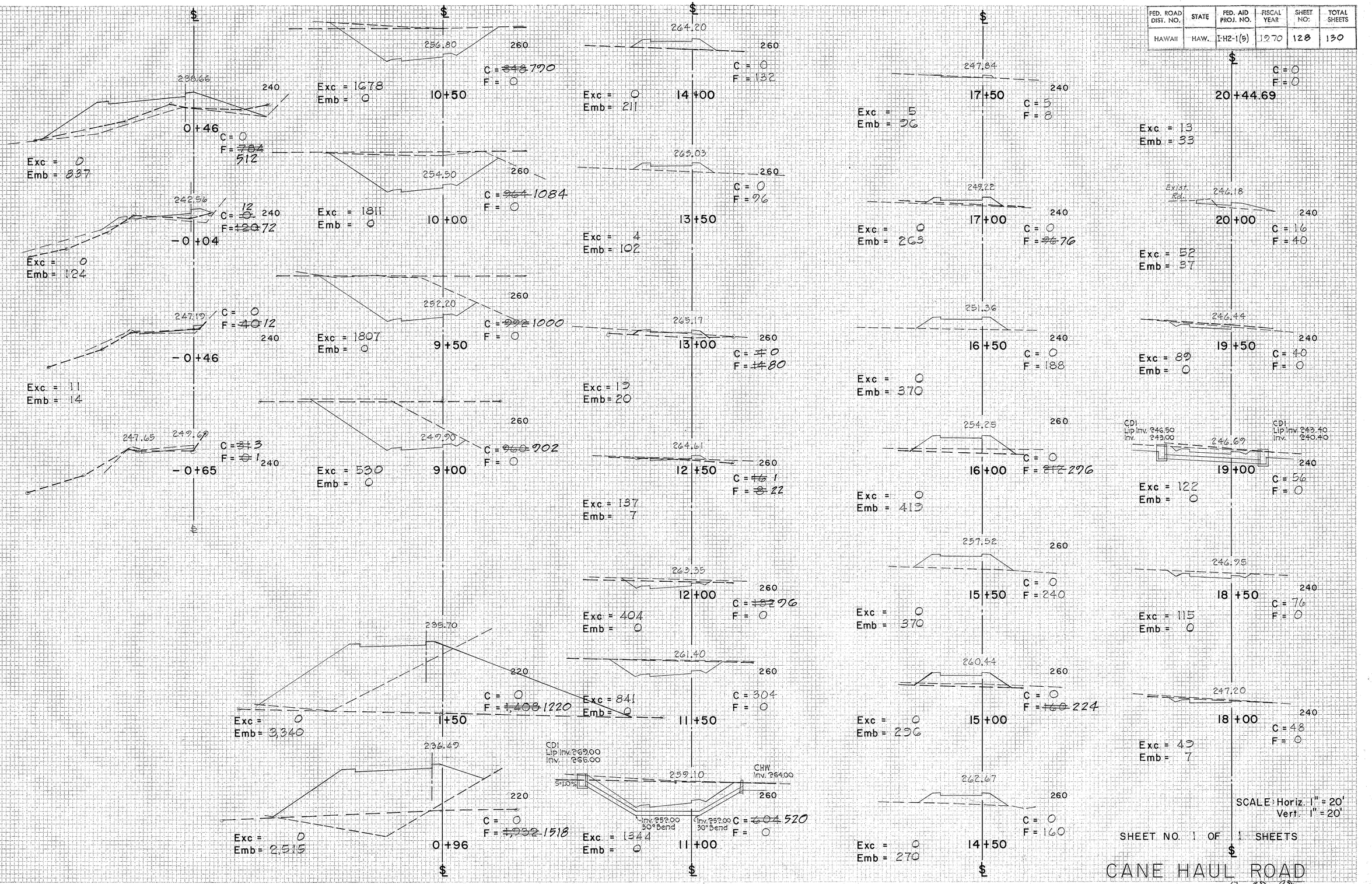
MILILANI ACCESS ROAD

SHEET No. 4 OF 4 SHEETS

127

69

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	128	130



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

PLATE 3 - CROSS SECTION, R.A.S.
CLEARPRINT PAPER CO., S. F. CAL.

CANE HAUL ROAD

12S

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H2-1(5)	1970	129	130

Exc = 69
Emb = 49

510.3
511.51
C = 7
F = 19
1 +65

Exc = 6
Emb = 59

512.8
515.14
C = 0
F = 46
1 +16

Exc = 10
Emb = 50

518.2
519.85
C = 10
F = 5
0 +63

Exc = 275
Emb = 5

525.2
520.00
C = 281
F = 0
0 +12

Exc = 31
Emb = 0

C = 0
F = 0
0 +06

SEE SHEETS C0/20 A, C0/20 B

C = 6
F = 0
4 +30

Exc = 53
Emb = 0

505.0
503.15
C = 56
F = 0
3 +84

Exc = 145
Emb = 0

504.6
503.07
C = 86
F = 0
3 +29

Exc = 137
Emb = 34

502.3
504.05
C = 56
F = 35
2 +77

Exc = 104
Emb = 56

505.6
507.00
C = 54
F = 24
2 +26

Exc = 144
Emb = ~~65~~

496.8
496.24
C = ~~72~~ 68
F = ~~3~~ 1
12 +00

Exc = 123
Emb = 3

498.6
497.43
C = 61
F = 0
11 +50

Exc = 81
Emb = 11

498.5
498.62
C = ~~26~~ 34
F = ~~12~~ 0
11 +00

Exc = 45
Emb = 11

500.6
499.81
C = ~~23~~ 27
F = 0
10 +50

Exc = 31
Emb = 0

500.8
501.00
C = 11
F = ~~0~~ 5
10 +00

Scale: Hor.: 1"=10'
Vert.: 1"=10'

PUMP 6 DITCH ACCESS

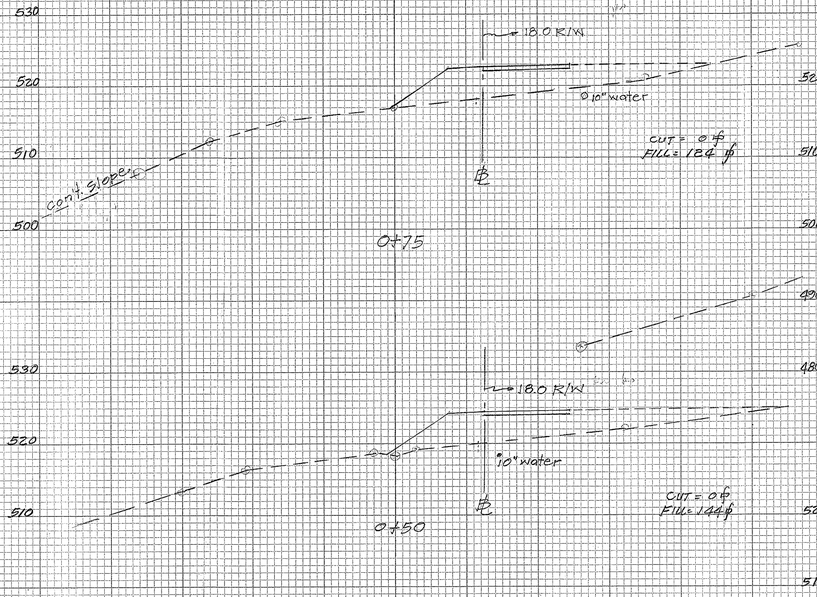
SHEET NO. 1 OF 2 SHEETS

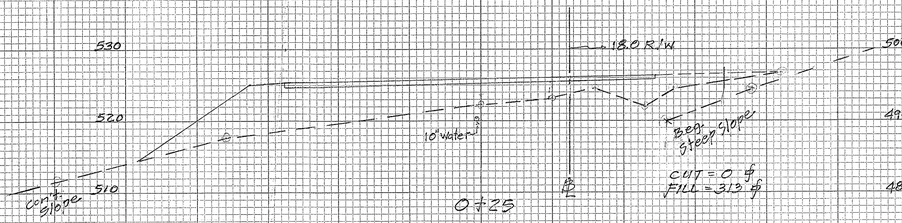
129

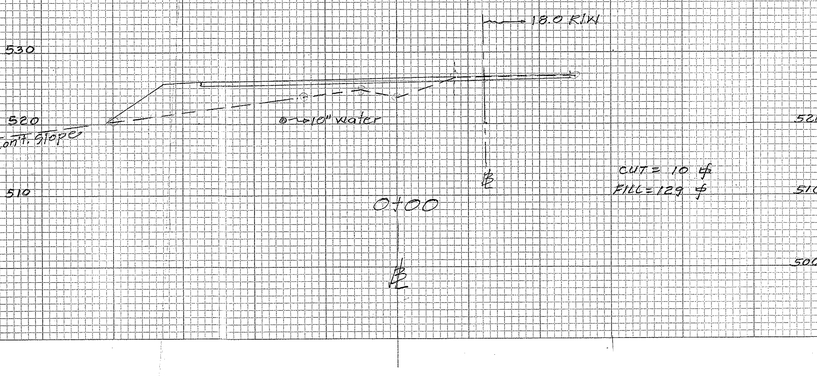
PLATE 3-CROSS SECTION, P.A.S.
BLUEPRINT PAPER CO., S. F. CAL. NO. 1020R 3

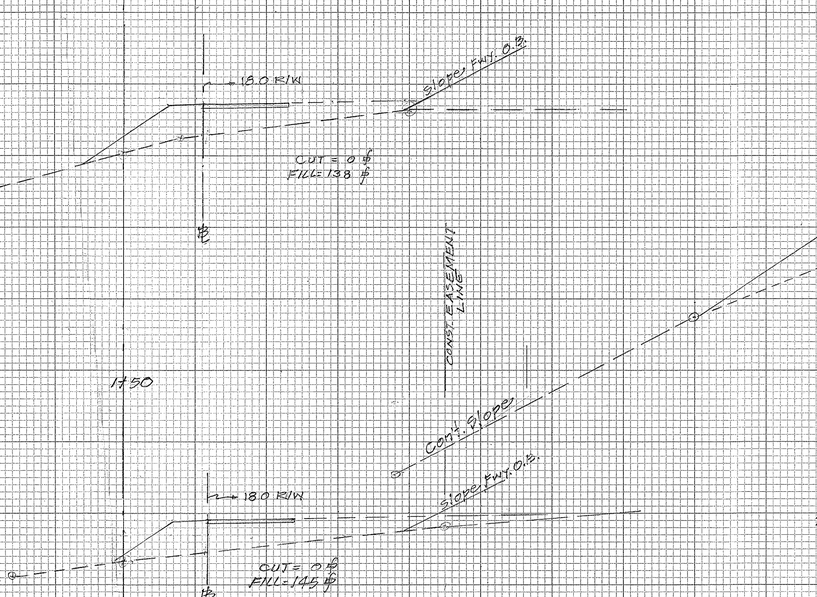
KEUFFEL & ESSER CO
MADE IN U.S.A.

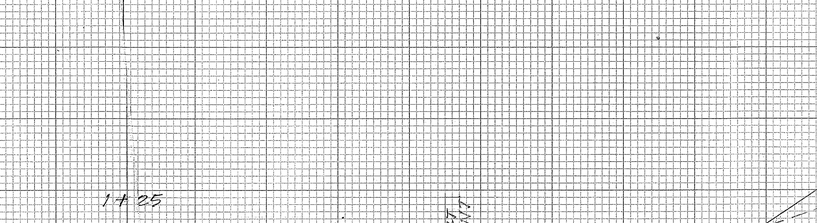
K&E STANDARD ⊕ CROSS SECTION
10 X 10 TO THE INCH

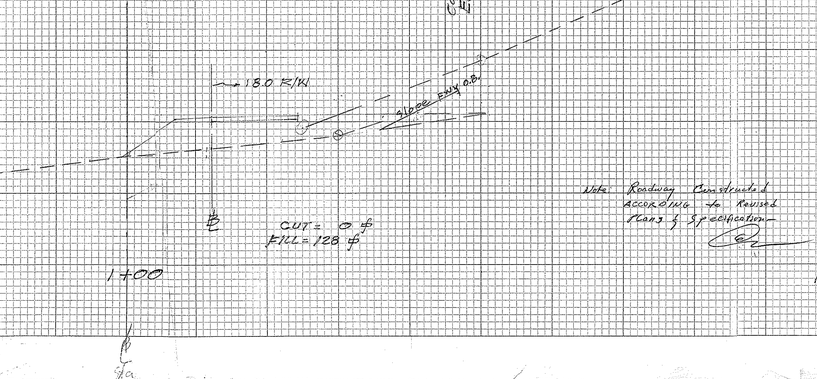


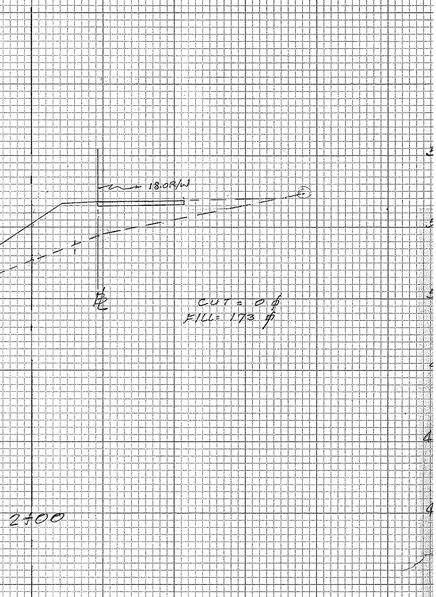


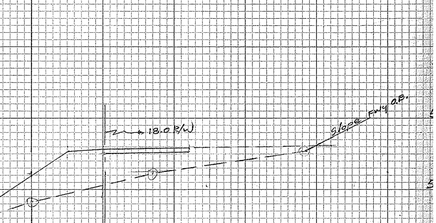












Note: Roadway Constructed Accordance to Revised Plans & Specification

STATE OF HAWAII
CROSS - SECTION
PUMP 6 DITCH ROAD
INTERSTATE ROUTE H-2
FAIP I-H2-1(65)+0
SCALE: Horiz. & Vert. 1"=10'

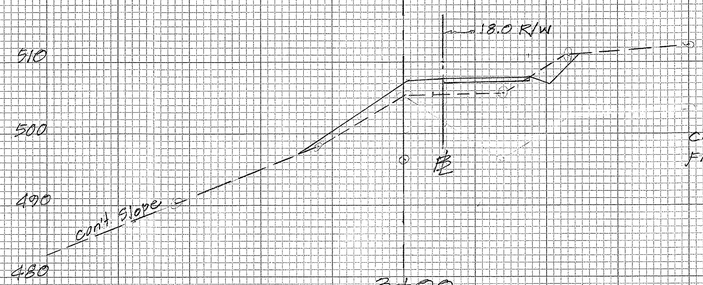
CO 129A

KEUFFEL & ESSER CO
MADE IN U.S.A.

K&E STANDARD ⊕ CROSS SECTION
10 X 10 TO THE INCH

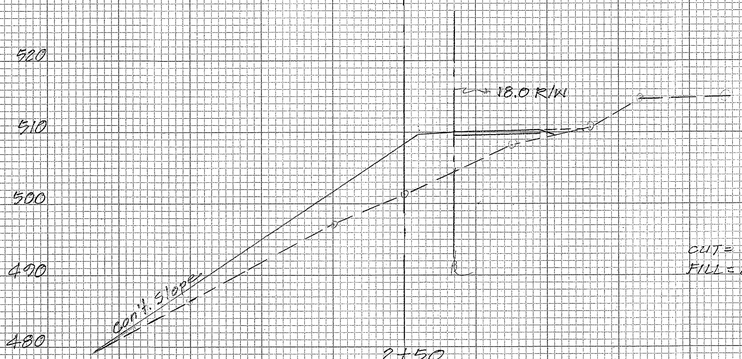
KEUFFEL & ESSER CO
MADE IN U.S.A.

K&E STANDARD ⊕ CROSS SECTION
10 X 10 TO THE INCH



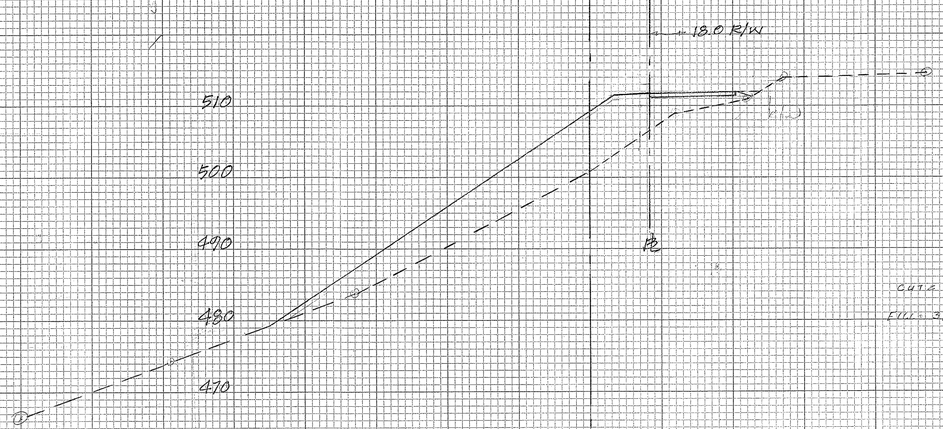
3+00

CUT = 11 ft
FILL = 50 ft



2+50

CUT = 0 ft
FILL = 232 ft

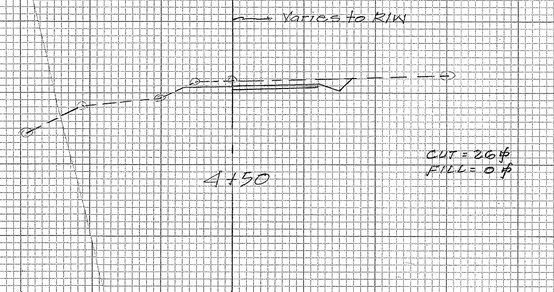


2+25

CUT = 0 ft
FILL = 318 ft

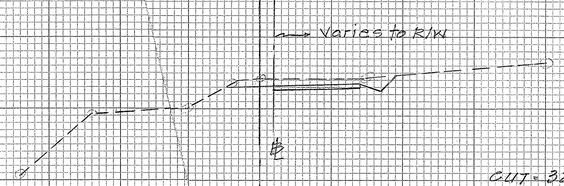
4+80 — ORIGINAL

CUT = 0
FILL = 0



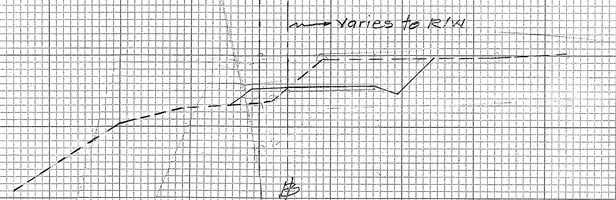
4+50

CUT = 26 ft
FILL = 0 ft



4+00

CUT = 32 ft
FILL = 0 ft



3+50

CUT = 78 ft
FILL = 10 ft

STATE OF HAWAII
CROSS-SECTION
PUMP 6 DITCH ROAD
INTERSTATE ROUTE H-2
FAIP I-H2-1(6):0

SCALE: Horiz. & Vert. 1" = 10'

3/11/71

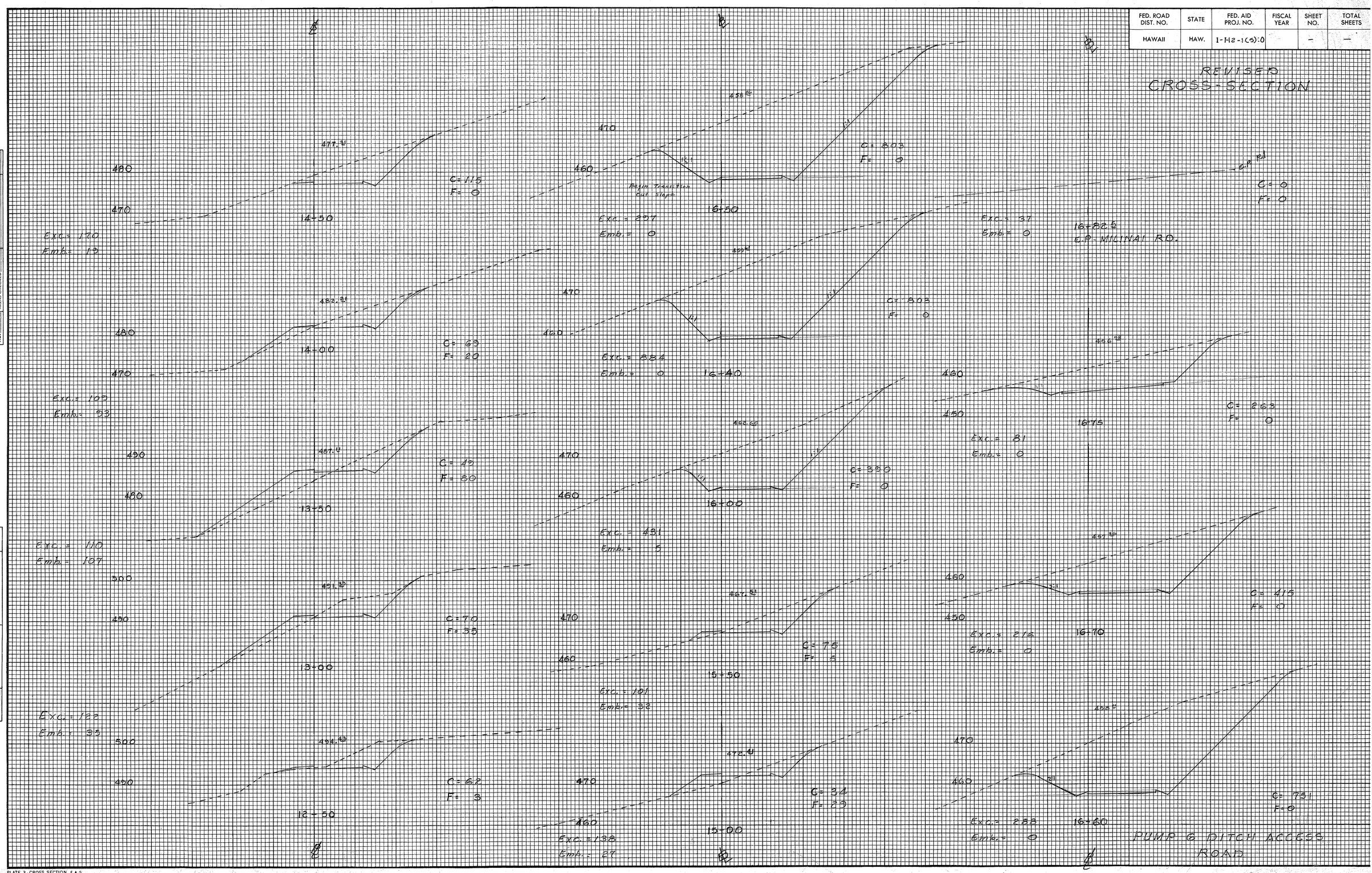
125B

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H2-1(6):0		–	–

REVISED CROSS-SECTION

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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