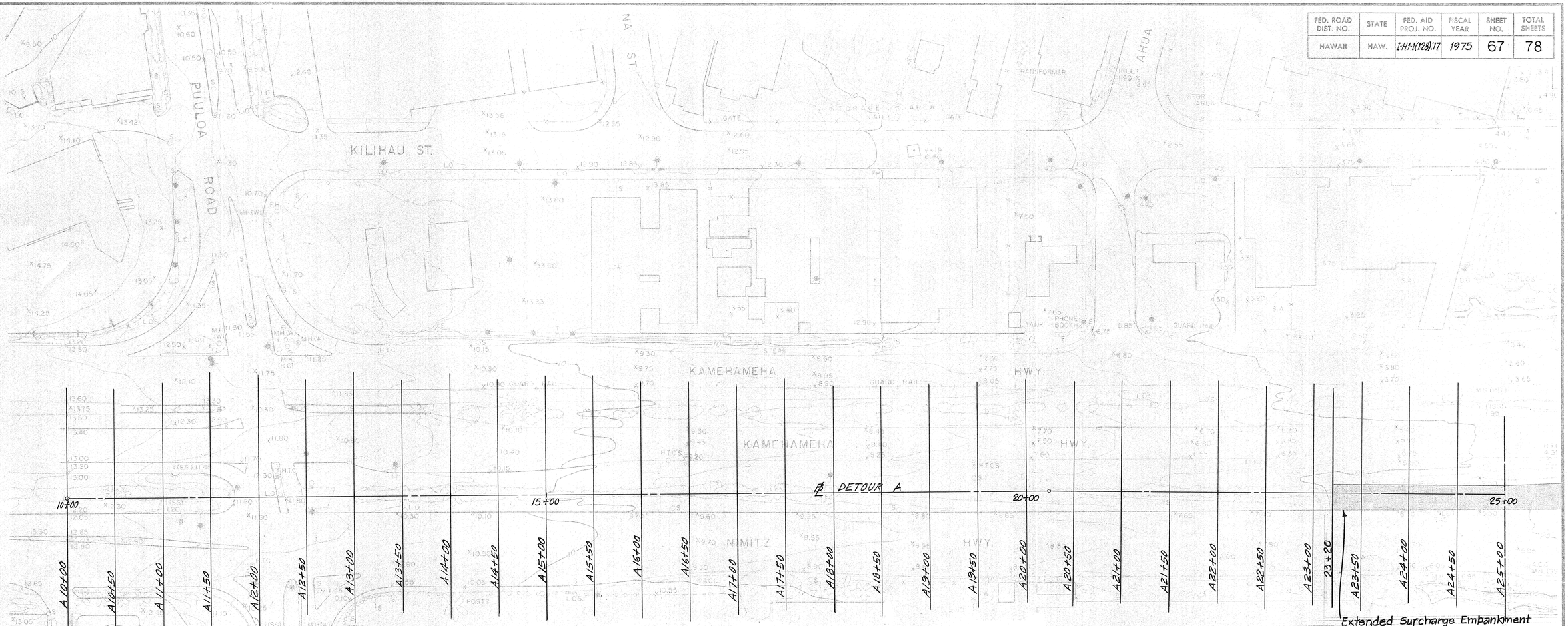
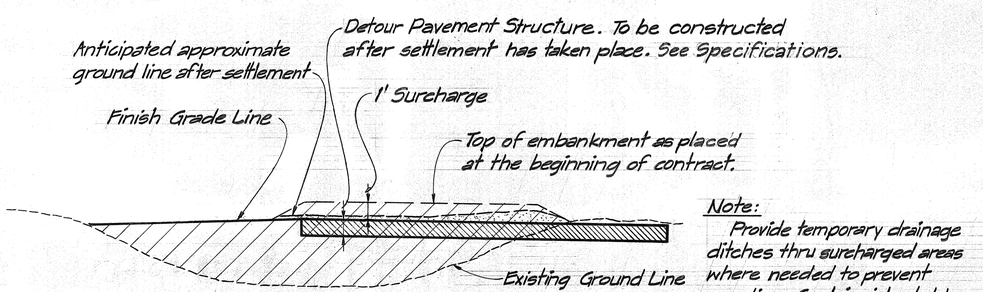
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(128):17	1975	67	78





Note:
Provide temporary drainage ditches thru surcharged areas where needed to prevent ponding. Cost incidental to "Roadway Excavation".

Embankment

Excavation: To be paid under pay item "Roadway Excavation"

Remainder of Surcharge: Excavation of remaining surcharge and grading of side slopes shall not be paid separately but shall be incidental to "Roadway Excavation"

DETAIL - SURCHARGE OF DETOURS A & B

Not to Scale

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	"
NOTE BOOK	TRACED BY	"
	DESIGNED BY	"
	QUANTITIES BY	"
No.	CHECKED BY	"

JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

John P. Johnson

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTION KEY

INTERSTATE ROUTE H-1
PROJECT NO. I-H1-1 (128):17

SCALE: 1"=50" DATE: DEC 13, 1974

SHEET No. 1 OF 3 SHEETS

ADD. 67

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(128):17	1975	68	78

KILIHAU ST.

KILIHAU ST.

DRAINAGE

KAMEHAMEHA

KAMEHAMEHA

DENSE BRUSH

DENSE BRUSH

DENSE BRUSH

DENSE TREES

TENNIS COURT

GYM BARS

NIMITZ

NIMITZ

CANAL

PACIFIC WAR MEMORIAL

STEPS

℄ DETOUR A

25+00 30+00 35+00

A 25+00 A 25+50 A 26+00 A 26+50 A 27+00 A 27+50 A 28+00 A 28+50 A 29+00 A 29+50 A 30+00 A 30+50 A 31+00 A 31+50 A 32+00 A 32+50 A 33+00 A 33+50 A 34+00 A 34+50 A 35+00 A 35+50 A 36+00 A 36+50 A 37+00 A 37+50 A 38+00 A 38+50 BACK

Limits of surcharge

ORIGINAL PLAN	SURVEY PLOTTED BY DATE
	DRAWN BY
	TRACED BY
NOTE BOOK	DESIGNED BY
	QUANTITIES BY
No.	CHECKED BY

JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

John P. Johnson

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

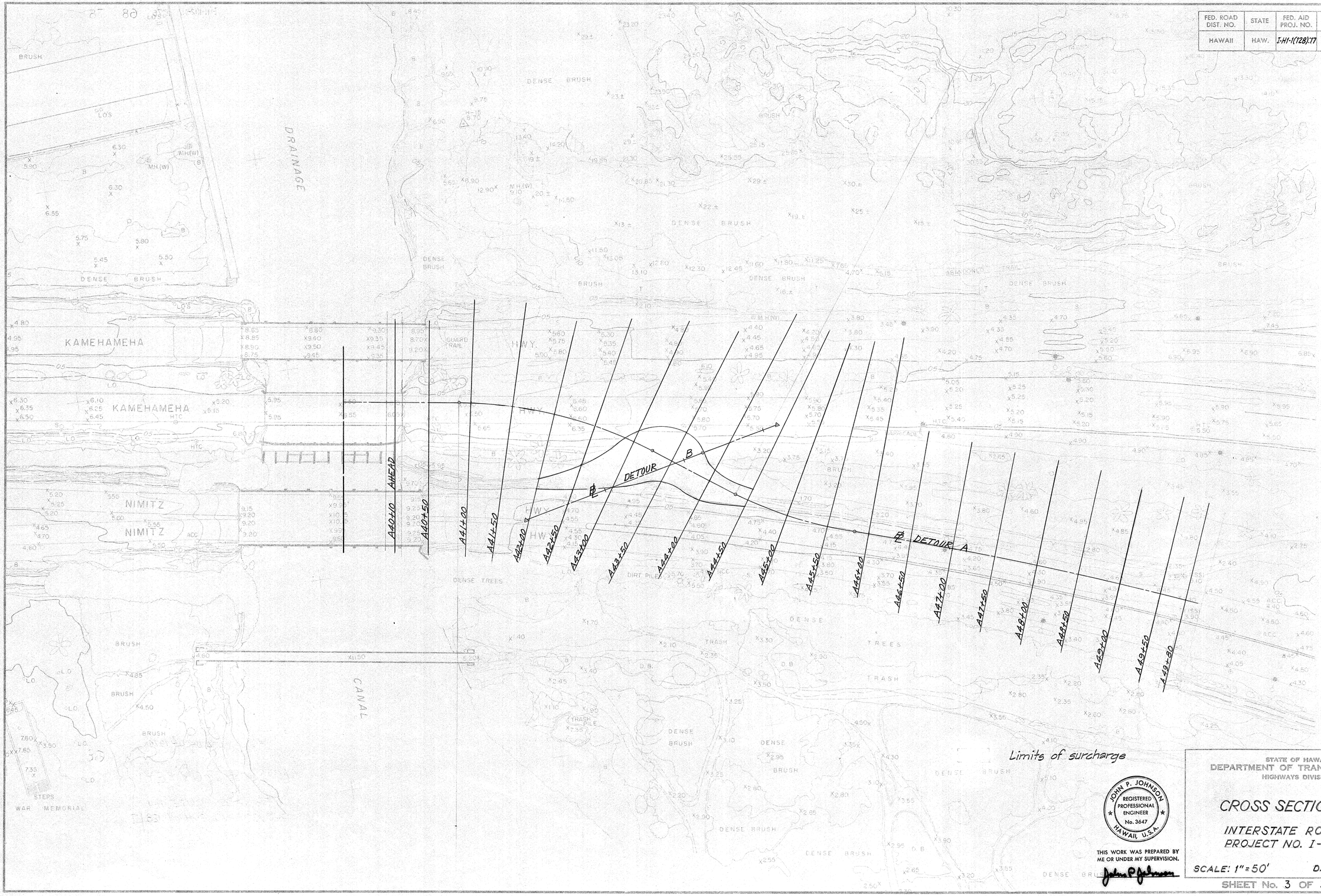
CROSS SECTION KEY

INTERSTATE ROUTE H-1
PROJECT NO. I-H1-1 (128):17

SCALE: 1" = 50' DATE: DEC 13, 1974

SHEET No. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(128):17	1975	69	78



Limits of surcharge

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	"
	TRACED BY	"
NOTE BOOK	DESIGNED BY	"
	QUANTITIES BY	"
No.	CHECKED BY	"

JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

John P. Johnson

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

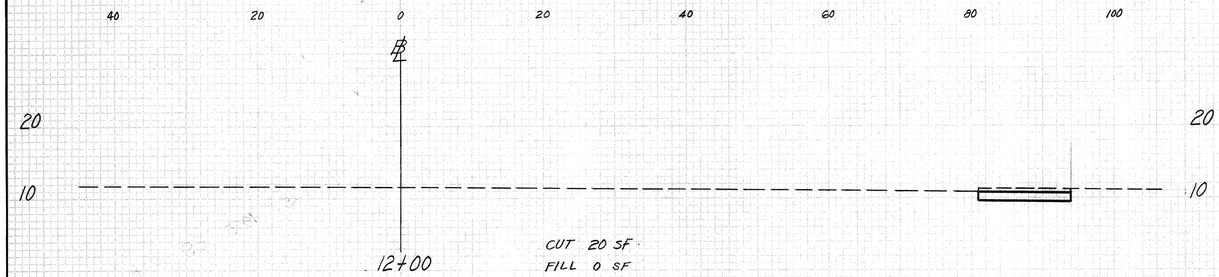
CROSS SECTION KEY

INTERSTATE ROUTE H-1
PROJECT NO. I-H1-1(128):17

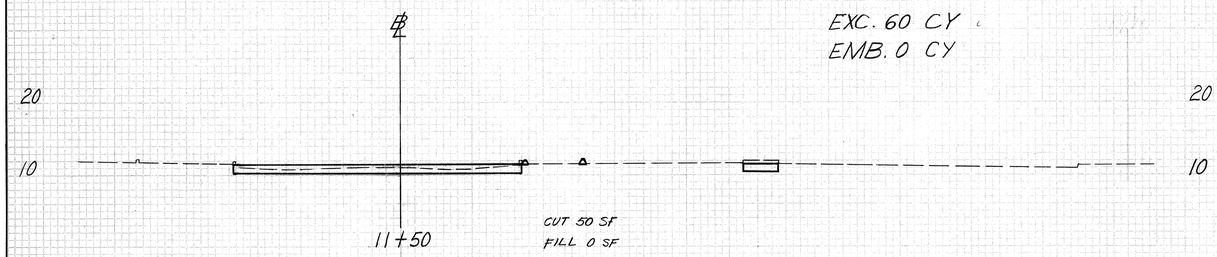
SCALE: 1" = 50' DATE: DEC 13, 1974

SHEET No. 3 OF 3 SHEETS

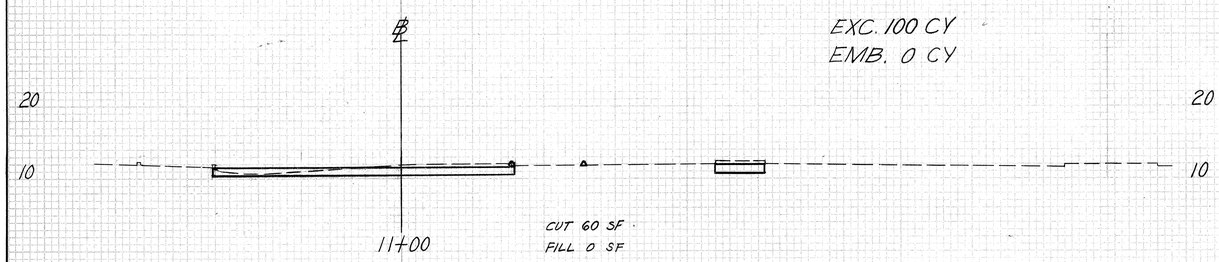
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(128):17	1975	70	78



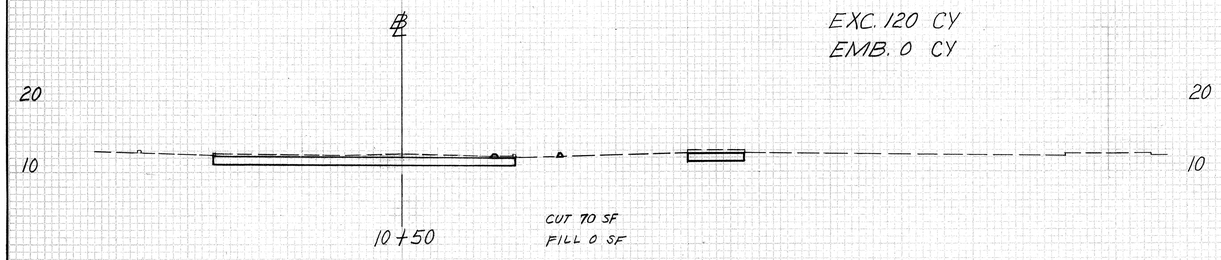
EXC. 60 CY
EMB. 0 CY



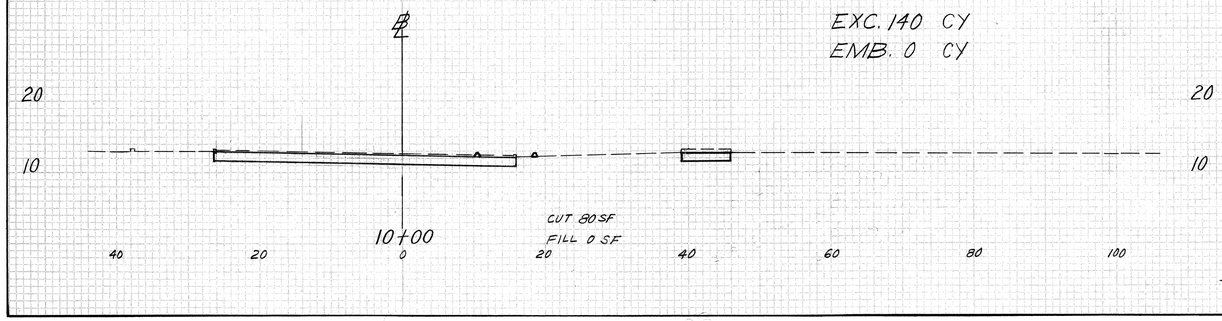
EXC. 100 CY
EMB. 0 CY

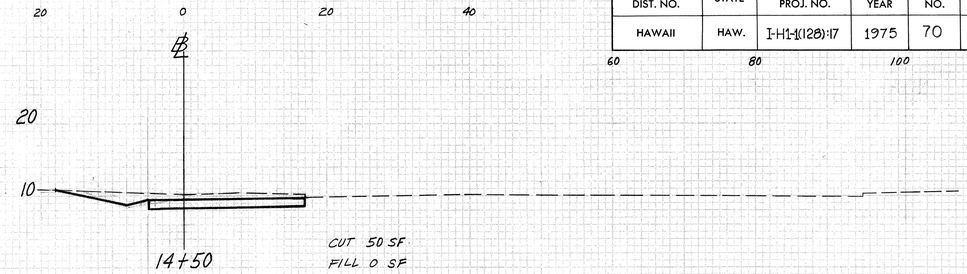


EXC. 120 CY
EMB. 0 CY

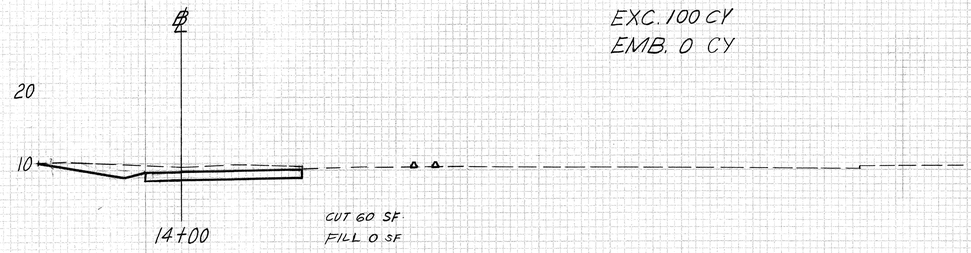


EXC. 140 CY
EMB. 0 CY

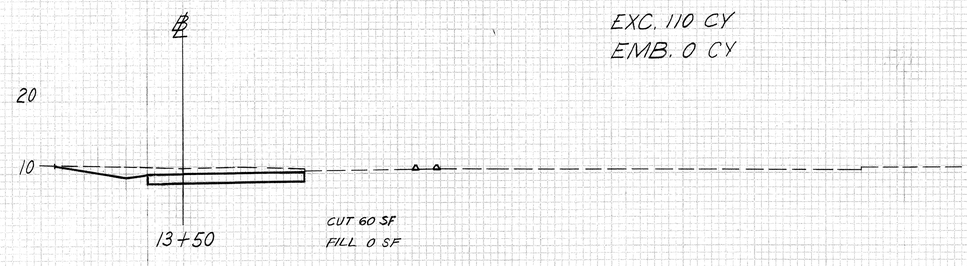




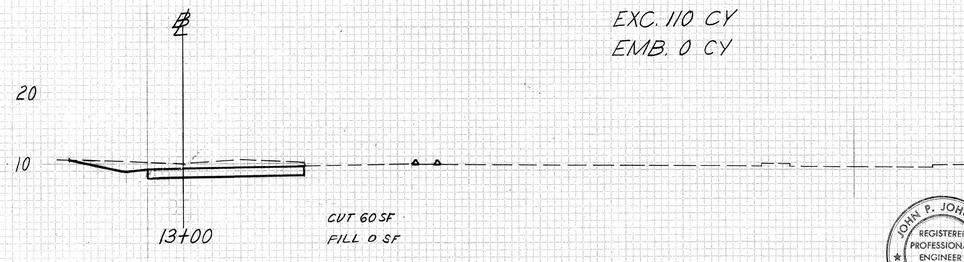
EXC. 100 CY
EMB. 0 CY



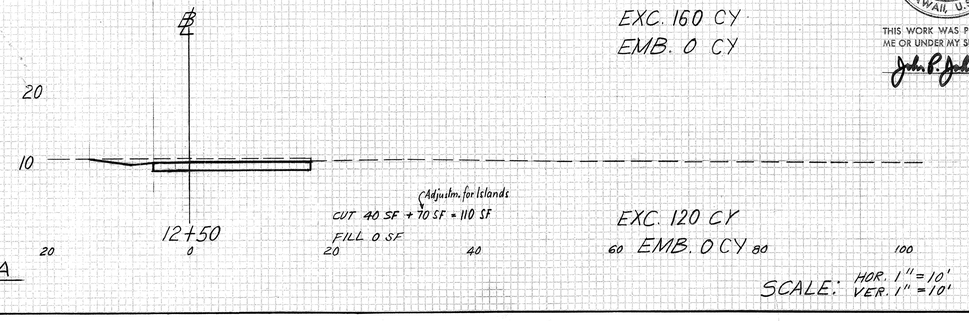
EXC. 110 CY
EMB. 0 CY



EXC. 110 CY
EMB. 0 CY



EXC. 160 CY
EMB. 0 CY



EXC. 120 CY
EMB. 0 CY

DETOUR A

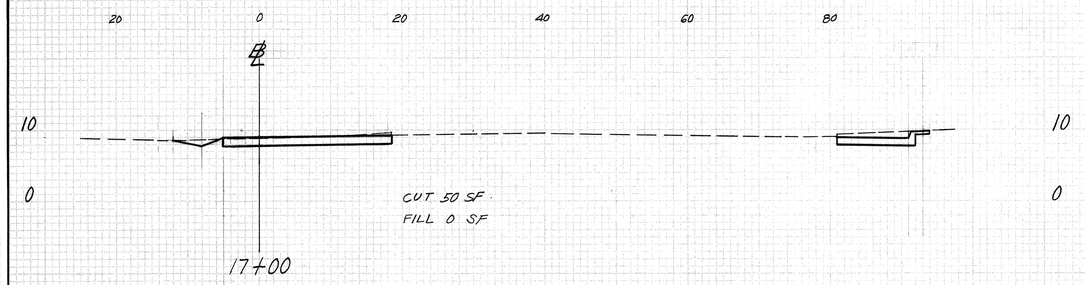
JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

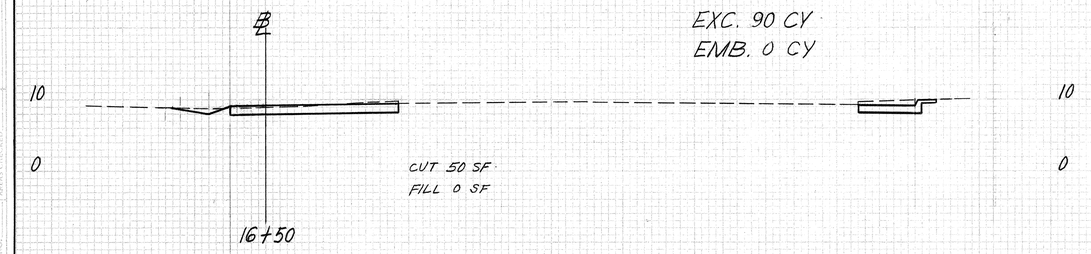
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
John P. Johnson

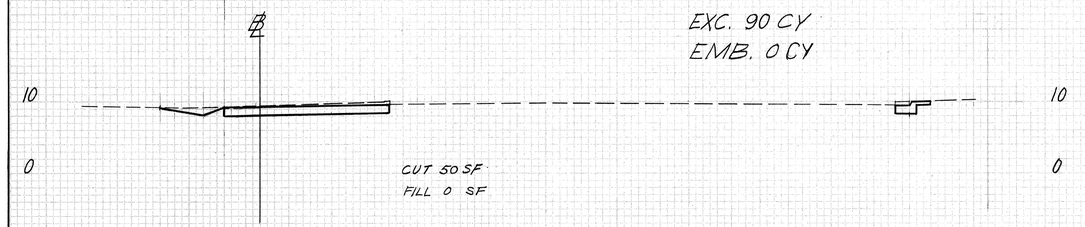
SCALE: HOR. 1" = 10'
VER. 1" = 10'

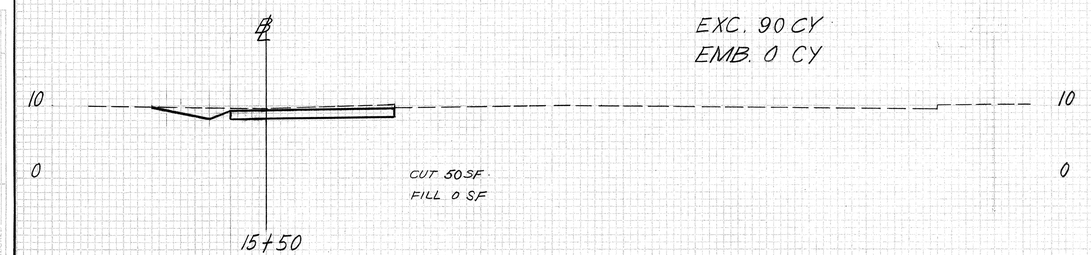
PLATE 3 CROSS SECTION F.A.S.
CLEARPRINT PAPER CO. S. F. CAL. NO. 1000 S

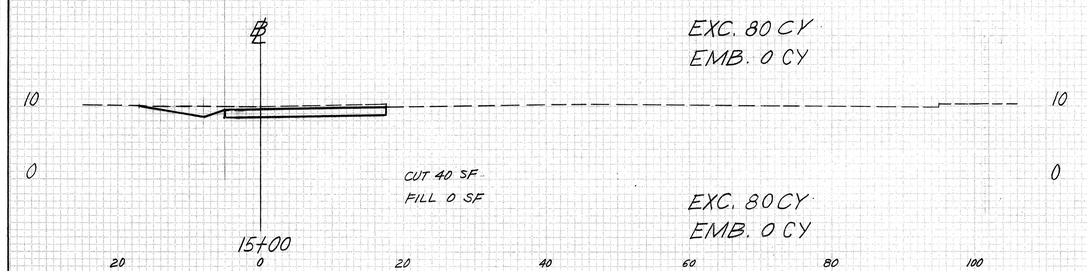
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(128)17	1975	71	78

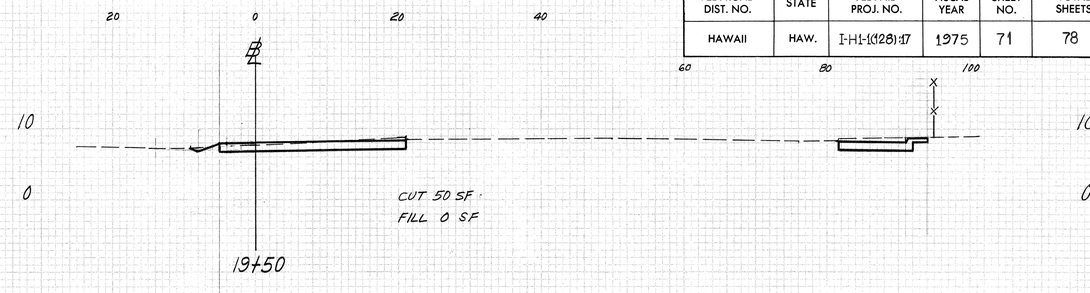


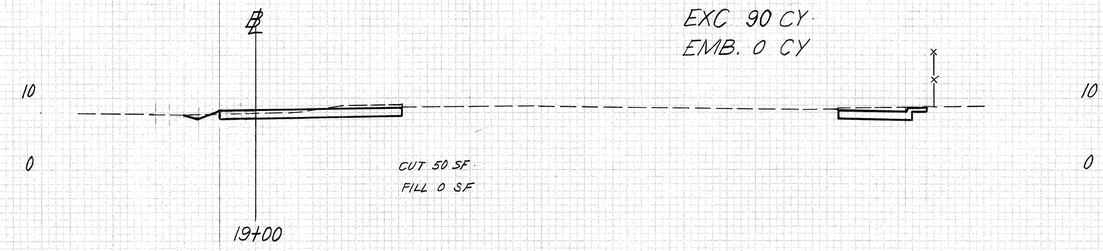


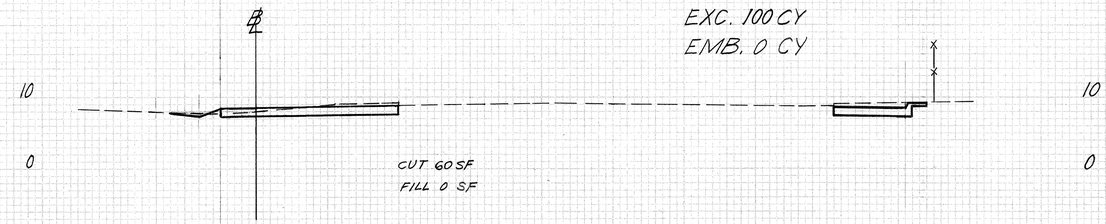


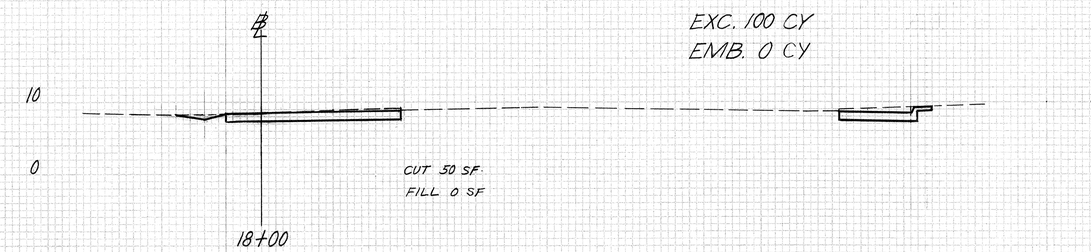


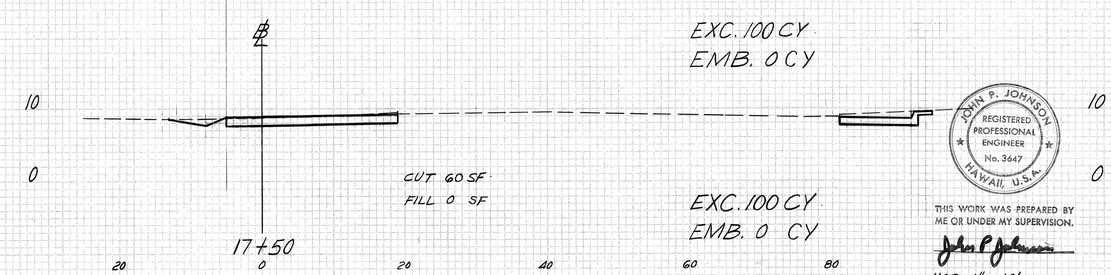












DETOUR A

JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

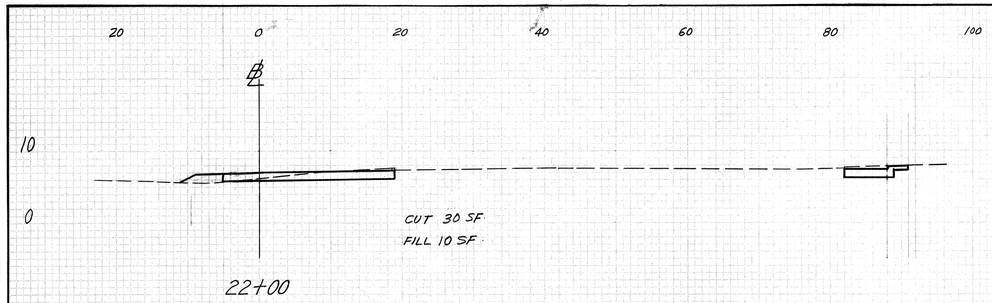
SCALE: HOR. 1" = 10'
VER. 1" = 10'

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

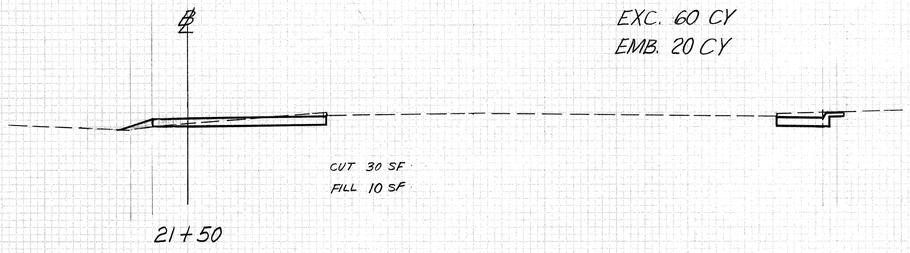
ORIGINAL SURVEY — SURVEYED, PLOTTED, TRACED, NOTE BOOK, AREAS, AREAS CHECKED, BY, DATE, NO.

PLATE 3 - CROSS SECTION, F.A.S. CLEARPRINT PAPER CO., S. F. CAL. NO. 1052H 3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(128)17	1975	72	78

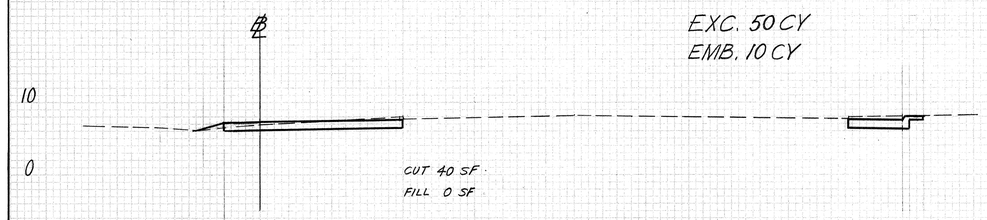


22+00



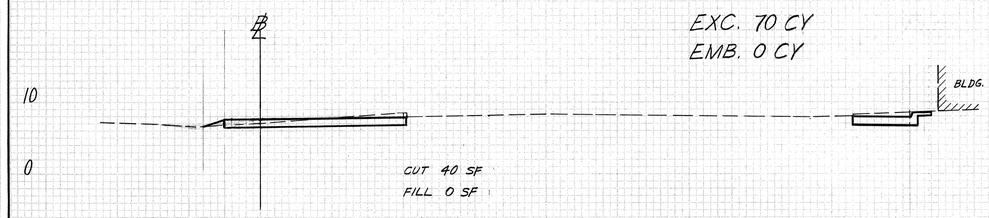
EXC. 60 CY
EMB. 20 CY

21+50



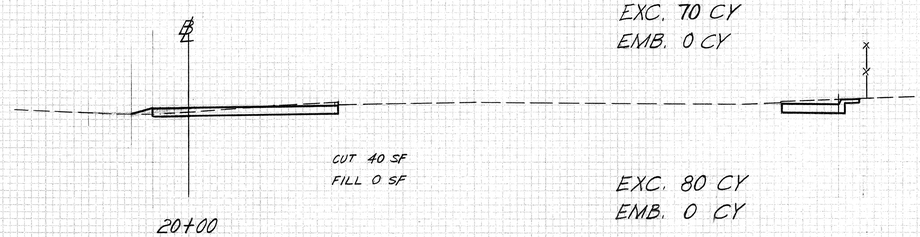
EXC. 50 CY
EMB. 10 CY

21+00



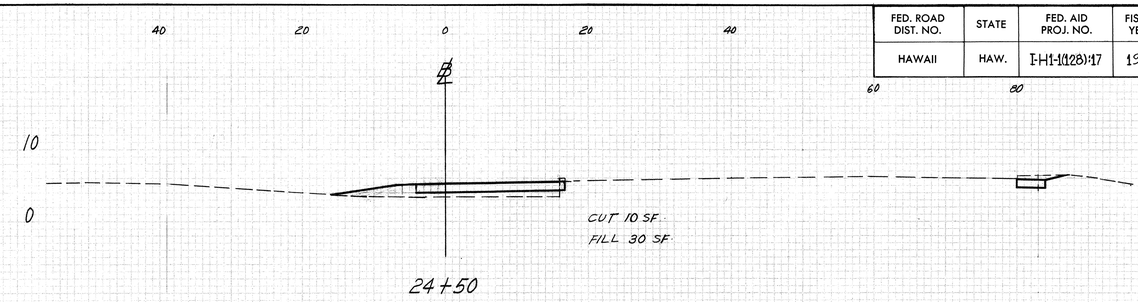
EXC. 70 CY
EMB. 0 CY

20+50

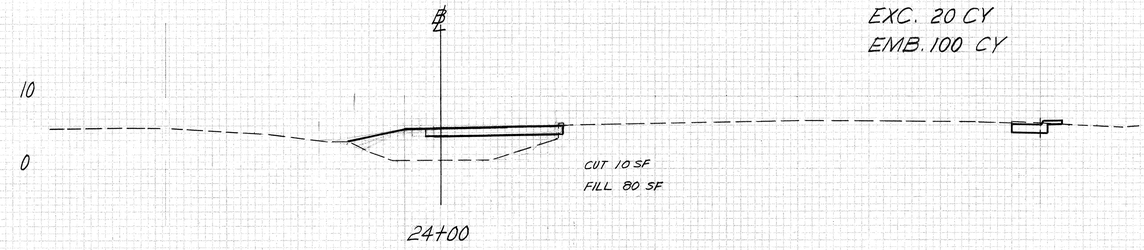


EXC. 70 CY
EMB. 0 CY

20+00

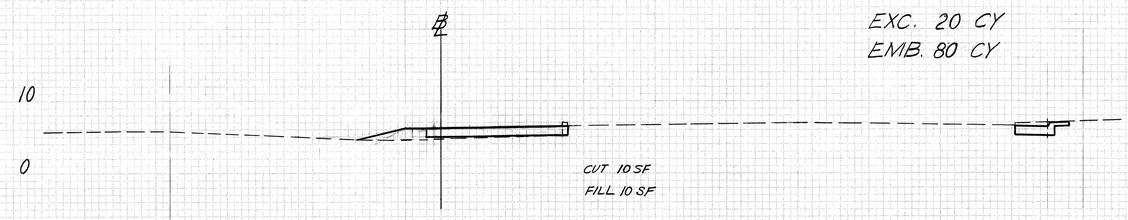


24+50



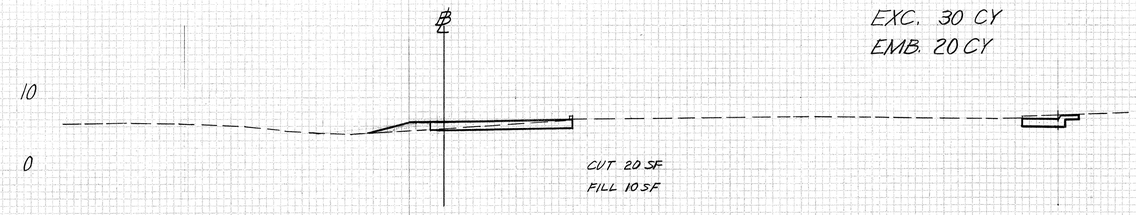
EXC. 20 CY
EMB. 100 CY

24+00



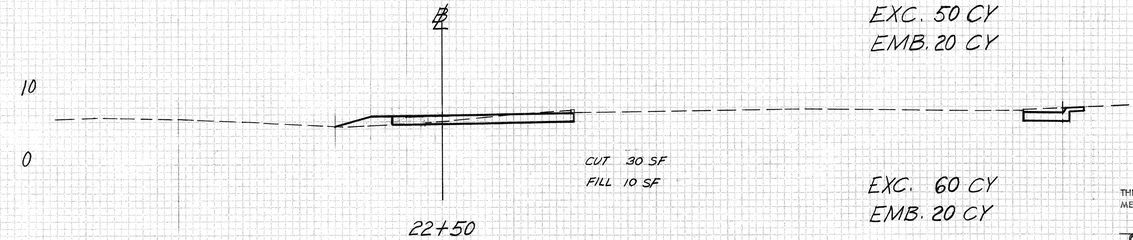
EXC. 20 CY
EMB. 80 CY

23+50



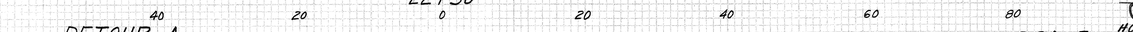
EXC. 30 CY
EMB. 20 CY

23+00



EXC. 50 CY
EMB. 20 CY

22+50



EXC. 60 CY
EMB. 20 CY

DETOUR A

SCALE: HOR. 1" = 10'
VER. 1" = 10'

JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

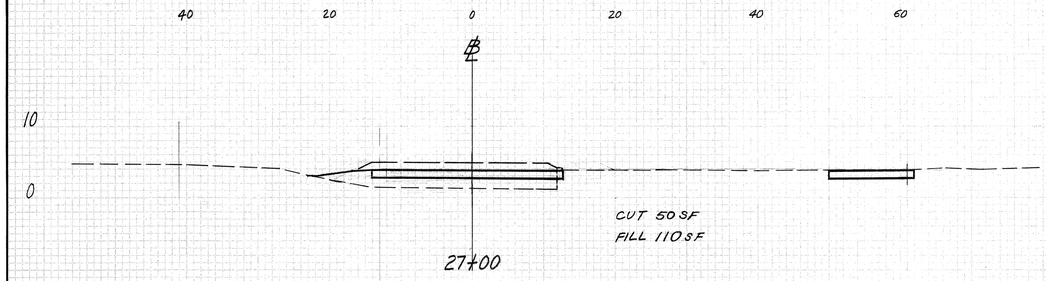
John P. Johnson

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

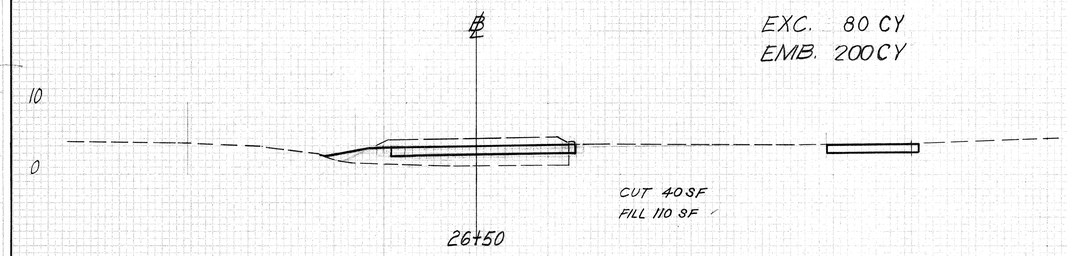
ORIGINAL SURVEY — SURVEYED, PLOTTED, TRACED, NOTE BOOK, NO., DATE, BY, AREAS CHECKED

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(128)17	1975	73	78

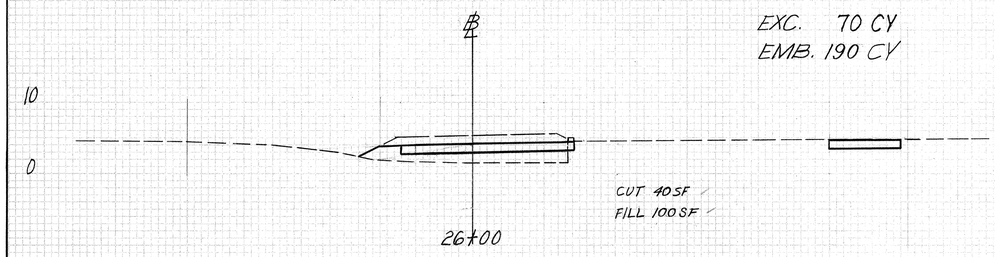


27+00



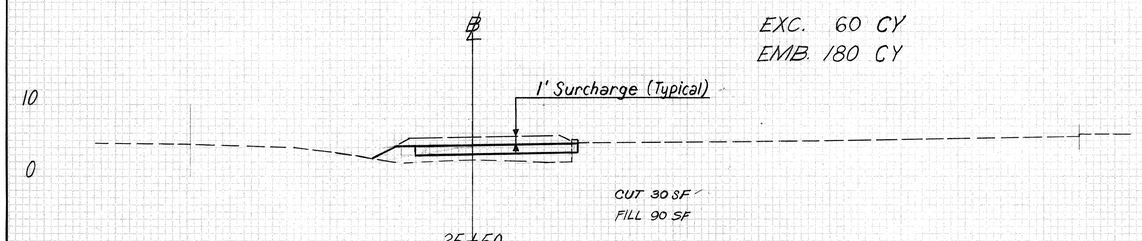
EXC. 80 CY
EMB. 200 CY

26+50



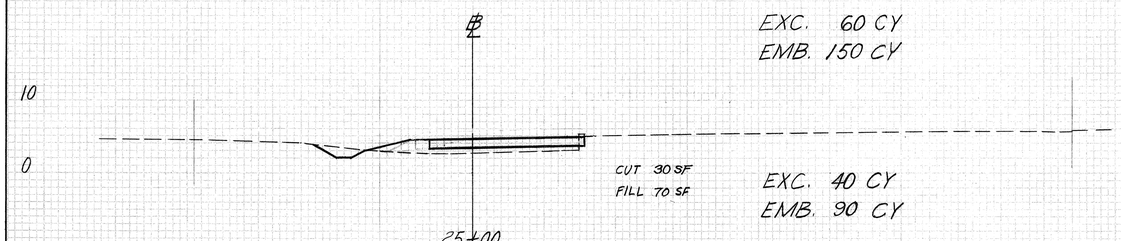
EXC. 70 CY
EMB. 190 CY

26+00



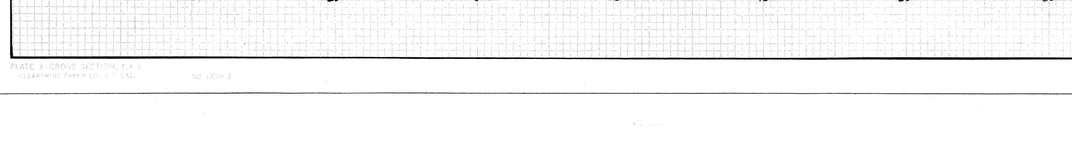
EXC. 60 CY
EMB. 180 CY

25+50

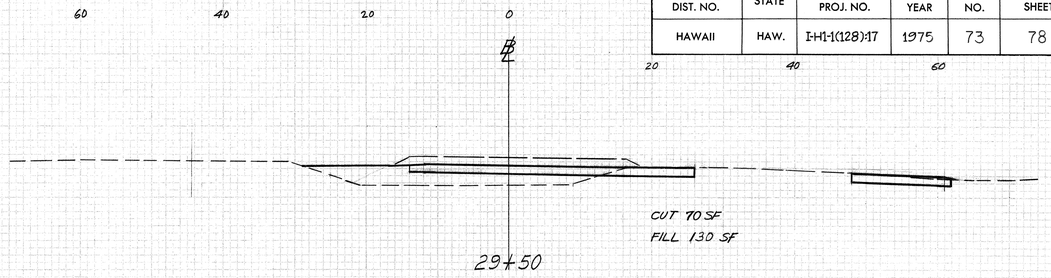


EXC. 60 CY
EMB. 150 CY

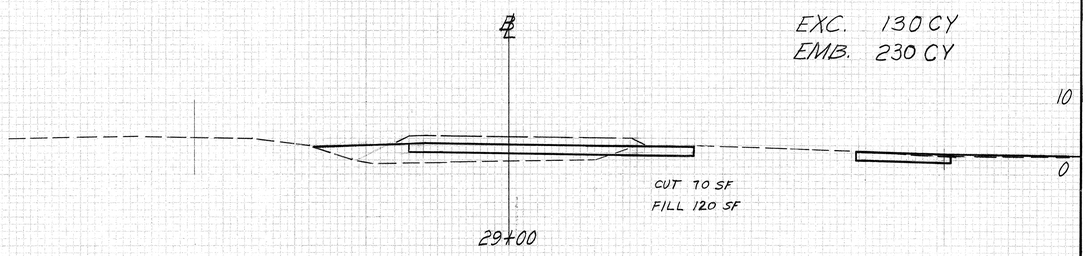
25+00



DETOUR A

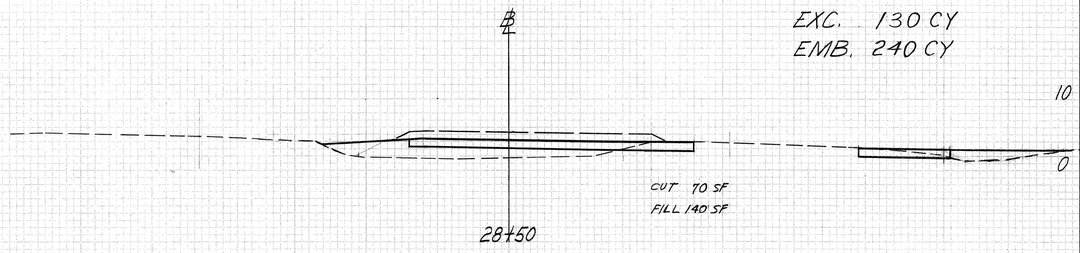


29+50



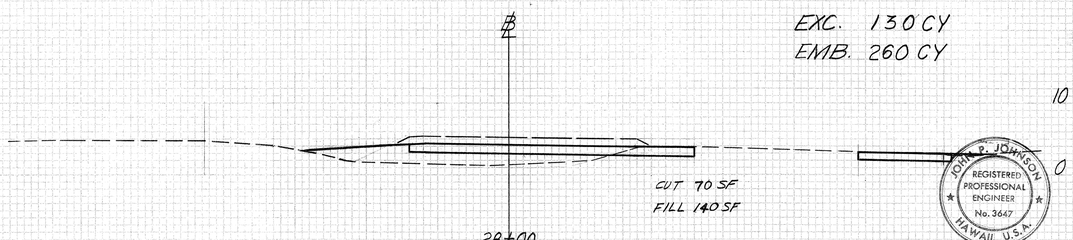
EXC. 130 CY
EMB. 230 CY

29+00



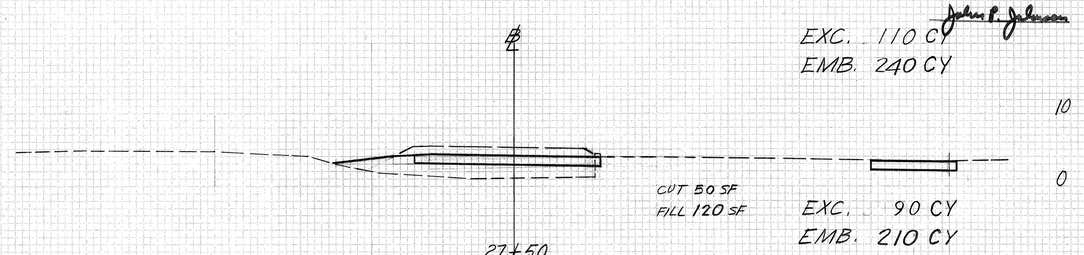
EXC. 130 CY
EMB. 240 CY

28+50



EXC. 130 CY
EMB. 260 CY

28+00



EXC. 110 CY
EMB. 240 CY

27+50

EXC. 90 CY
EMB. 210 CY

SCALE: HOR. 1" = 10'
VER. 1" = 10'

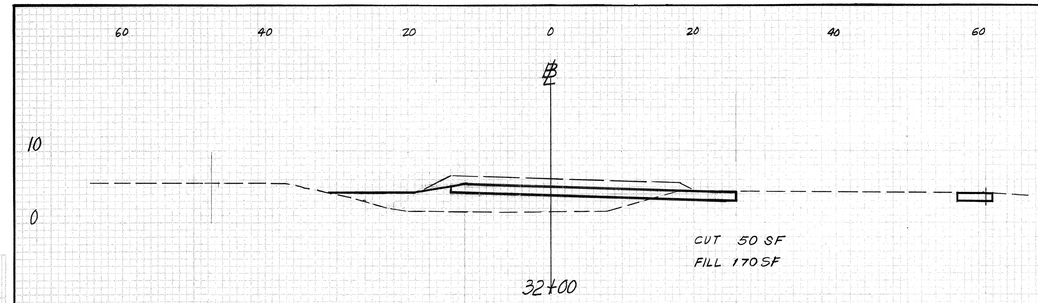
JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

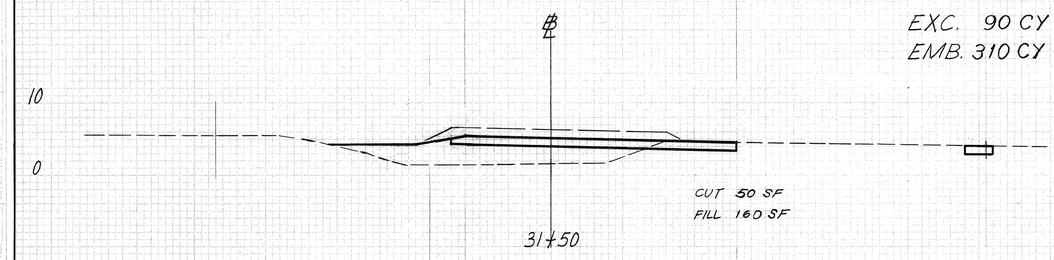
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

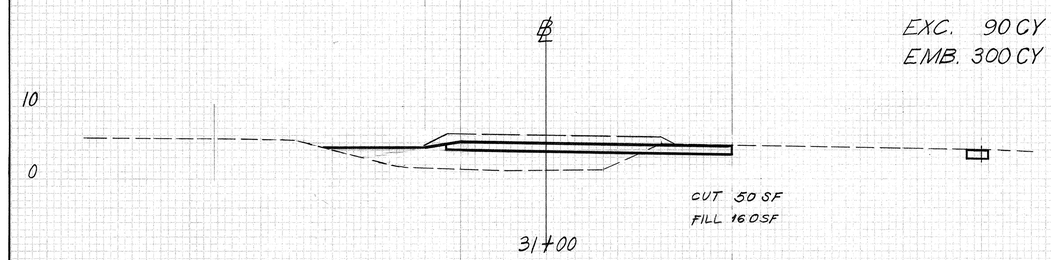
John P. Johnson

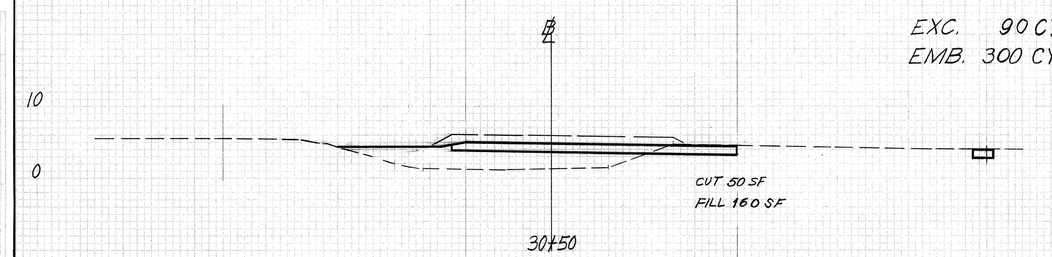
PLATE 5 - CROSS SECTION, F.A.S. CLEARWING EARTH CO. - CAL. NO. 1000-3

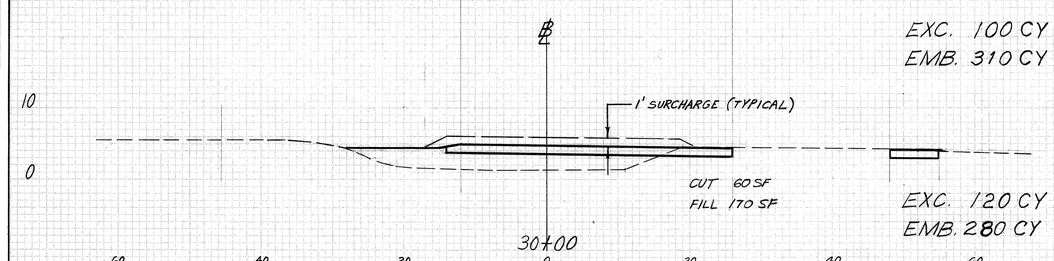
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(128):17	1975	74	78

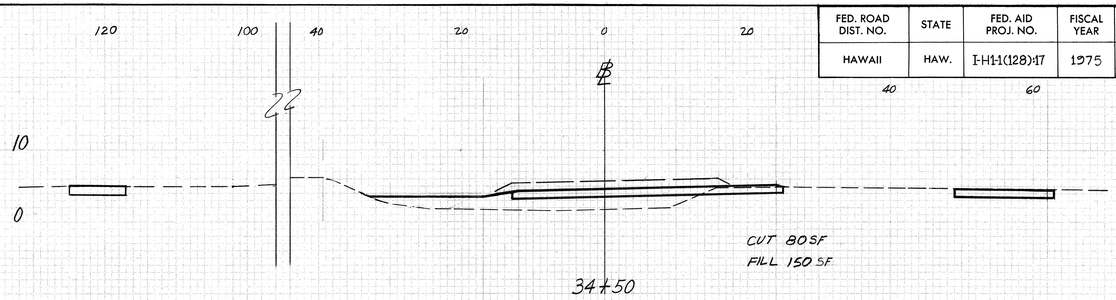


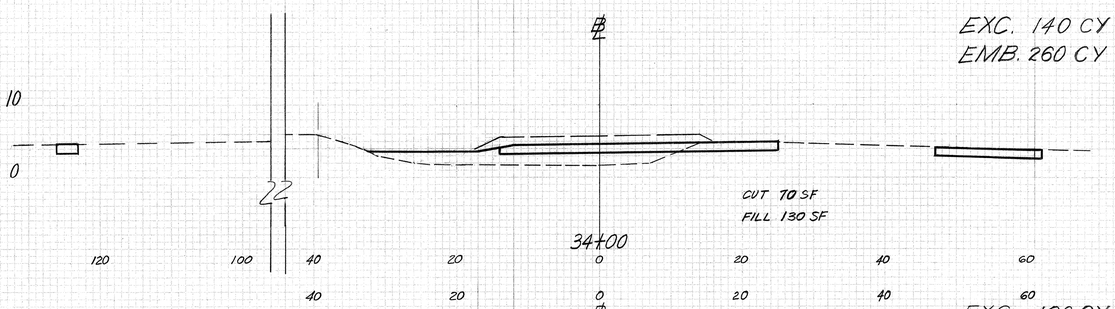


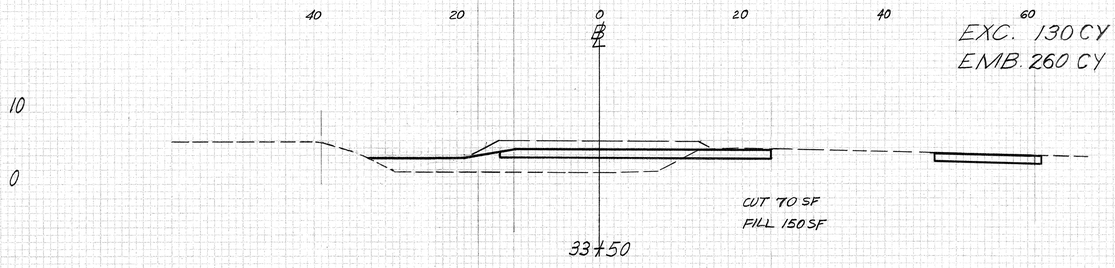


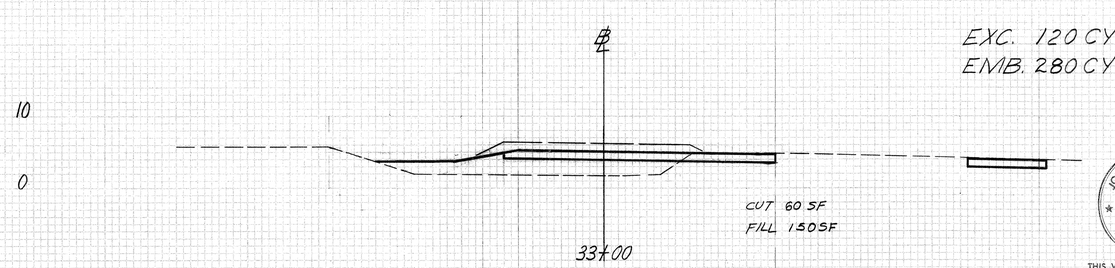


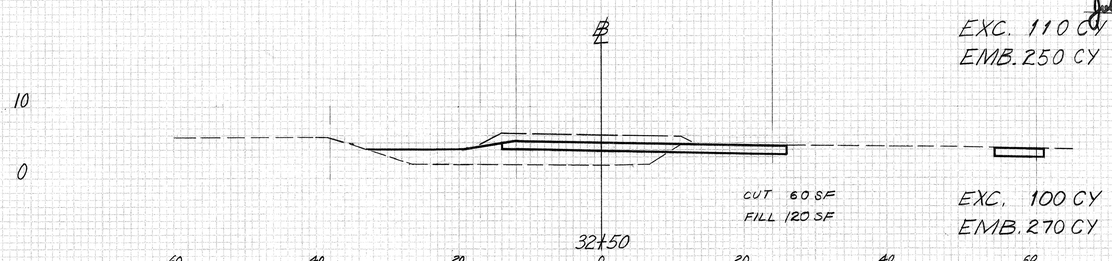












DETOUR A

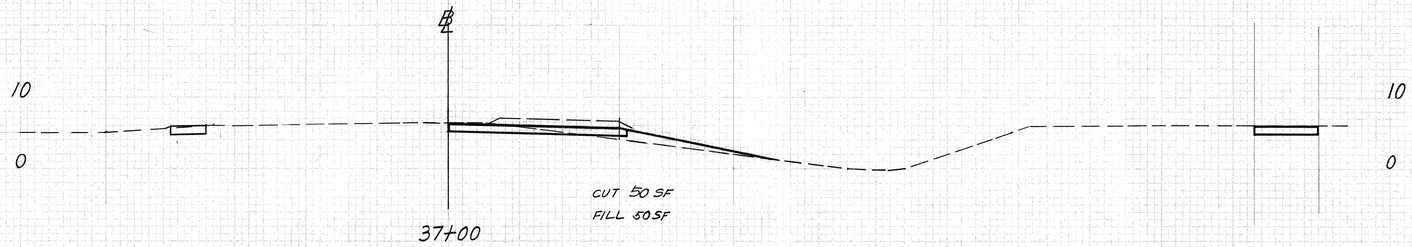
JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

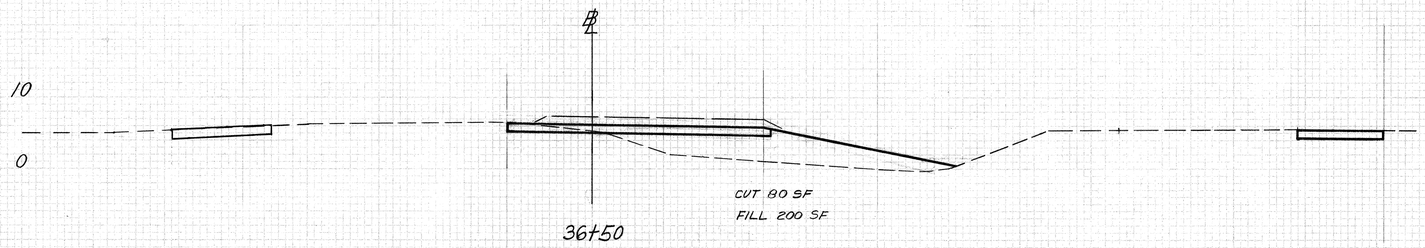
SCALE: HOR. 1" = 10'
VER. 1" = 10'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(128)-17	1975	75	78

80 60 40 20 0 20 40 60 80 100 120

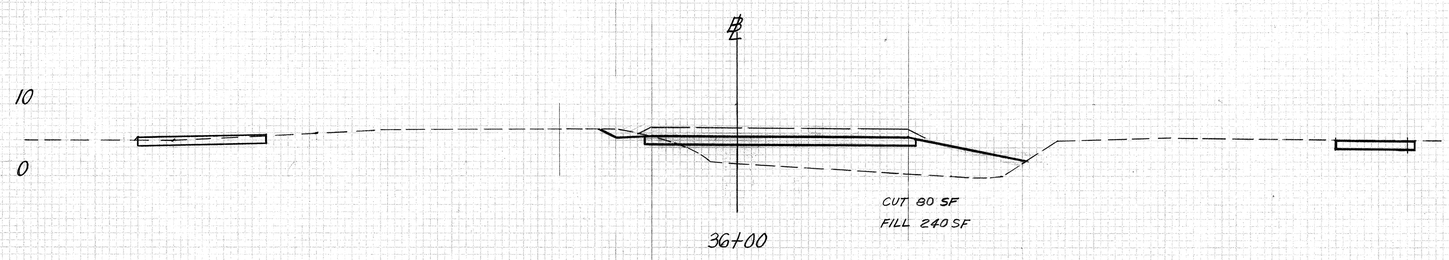


37+00



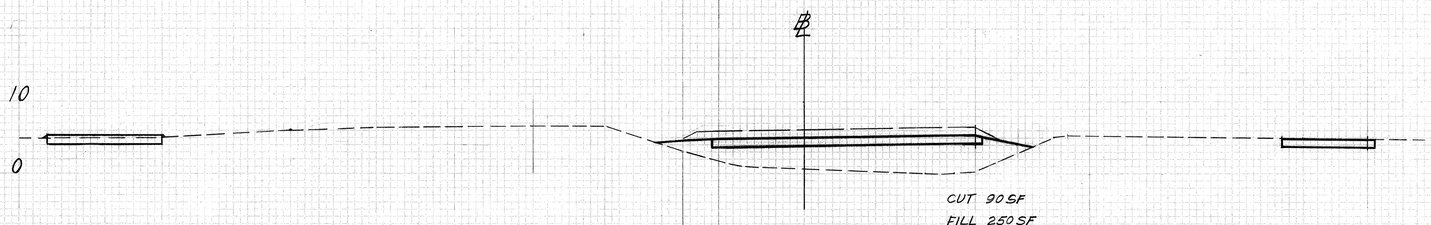
36+50

EXC. 120 CY
EMB. 230 CY



36+00

EXC. 150 CY
EMB. 410 CY



35+50

EXC. 160 CY
EMB. 450 CY

35+00

EXC. 170 CY
EMB. 380 CY

EXC. 160 CY
EMB. 290 CY

120 100 80 60 40 20 0 20 40 60 80 100 120

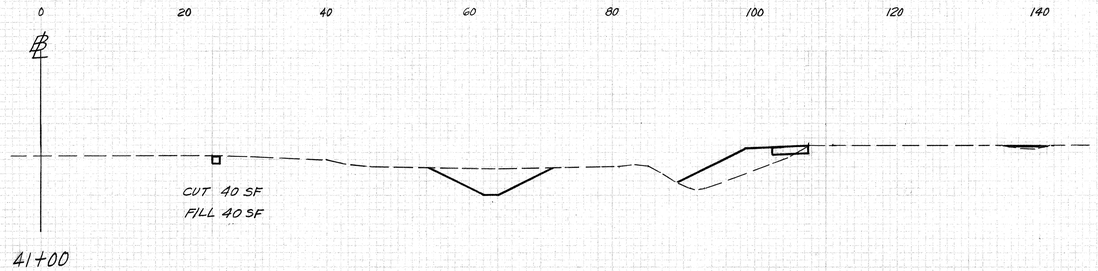
DETOUR A

JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

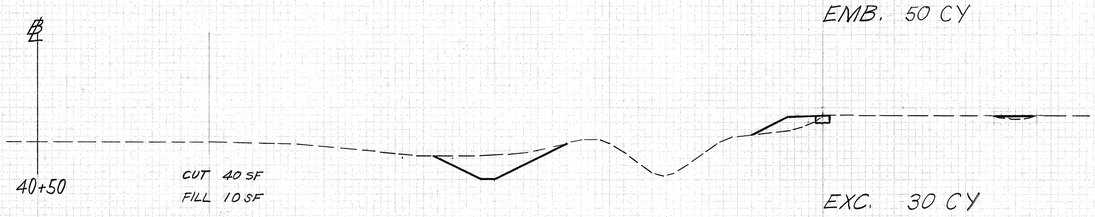
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SCALE: HOR. 1" = 10'
VER. 1" = 10'

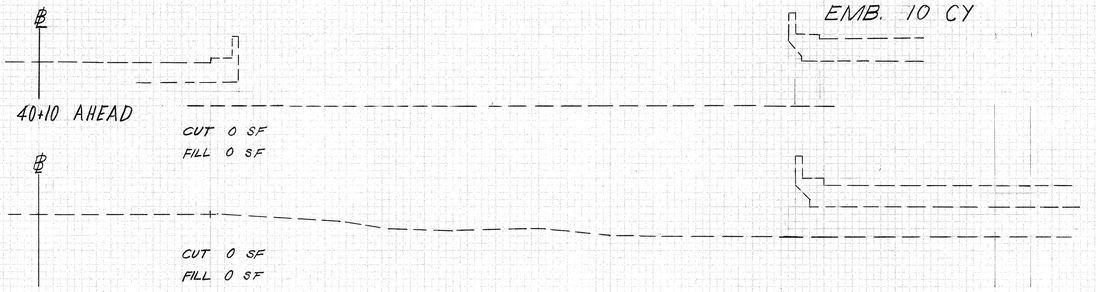
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(128)17	1975	76	78



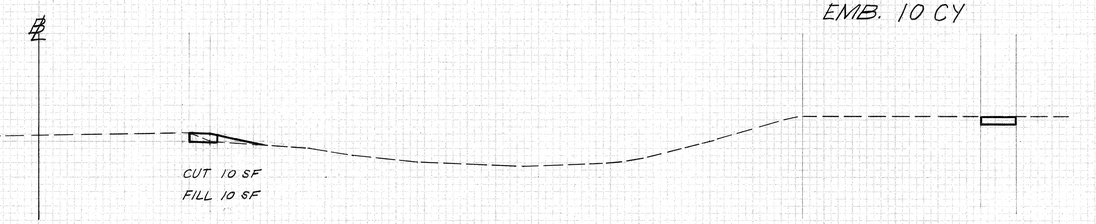
EXC. 70 CY
EMB. 50 CY



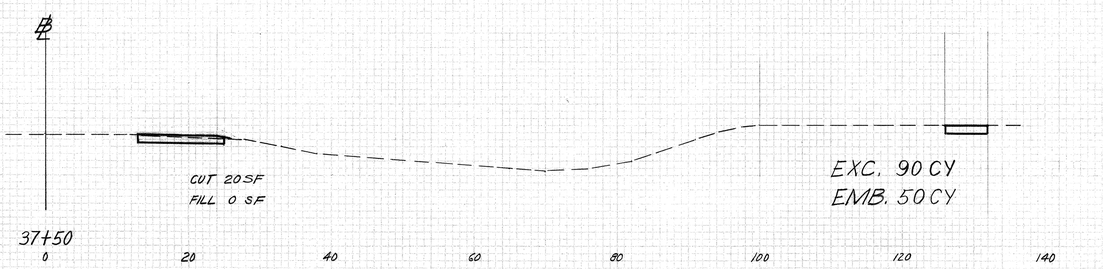
EXC. 30 CY
EMB. 10 CY



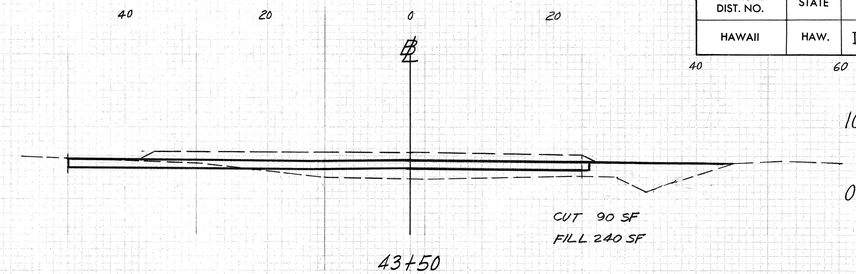
EXC. 10 CY
EMB. 10 CY



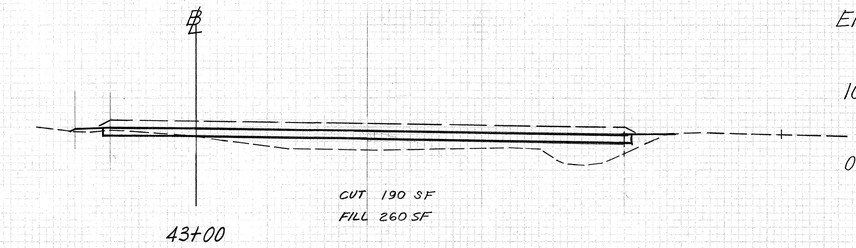
EXC. 30 CY
EMB. 10 CY



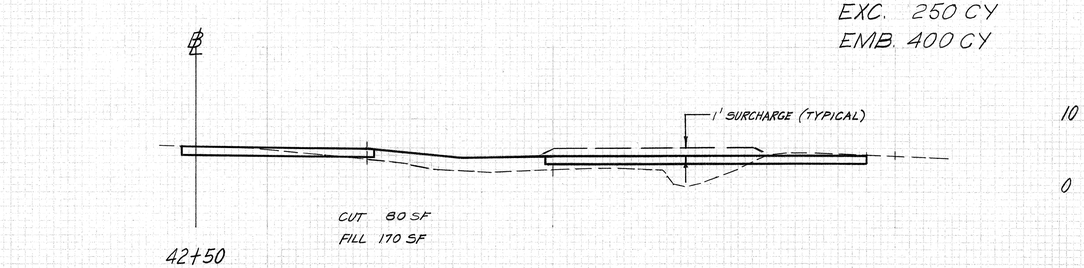
DETOUR A



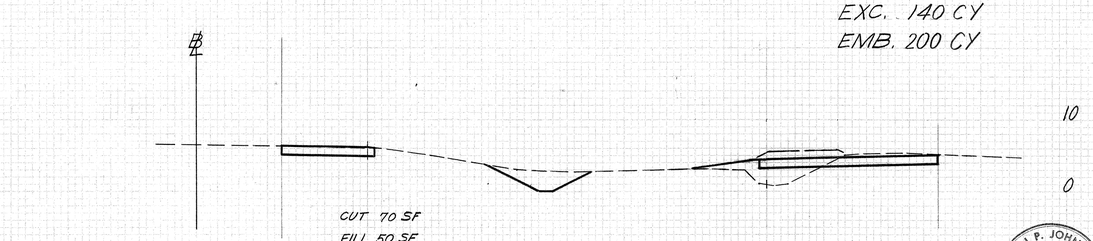
EXC. 260 CY
EMB. 460 CY



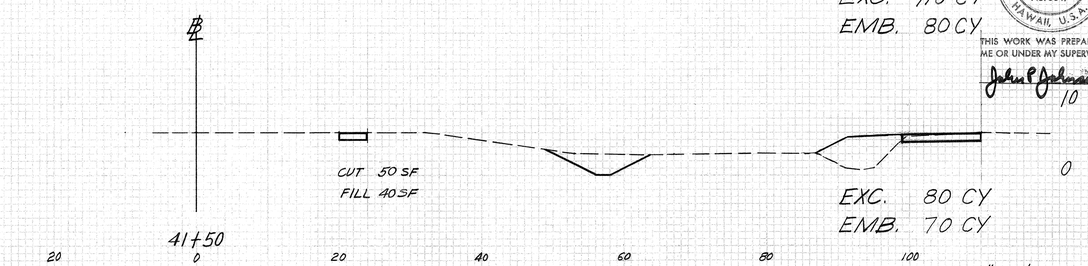
EXC. 250 CY
EMB. 400 CY



EXC. 140 CY
EMB. 200 CY



EXC. 110 CY
EMB. 80 CY



EXC. 80 CY
EMB. 70 CY

SCALE: HOR. 1" = 10'
VER. 1" = 10'

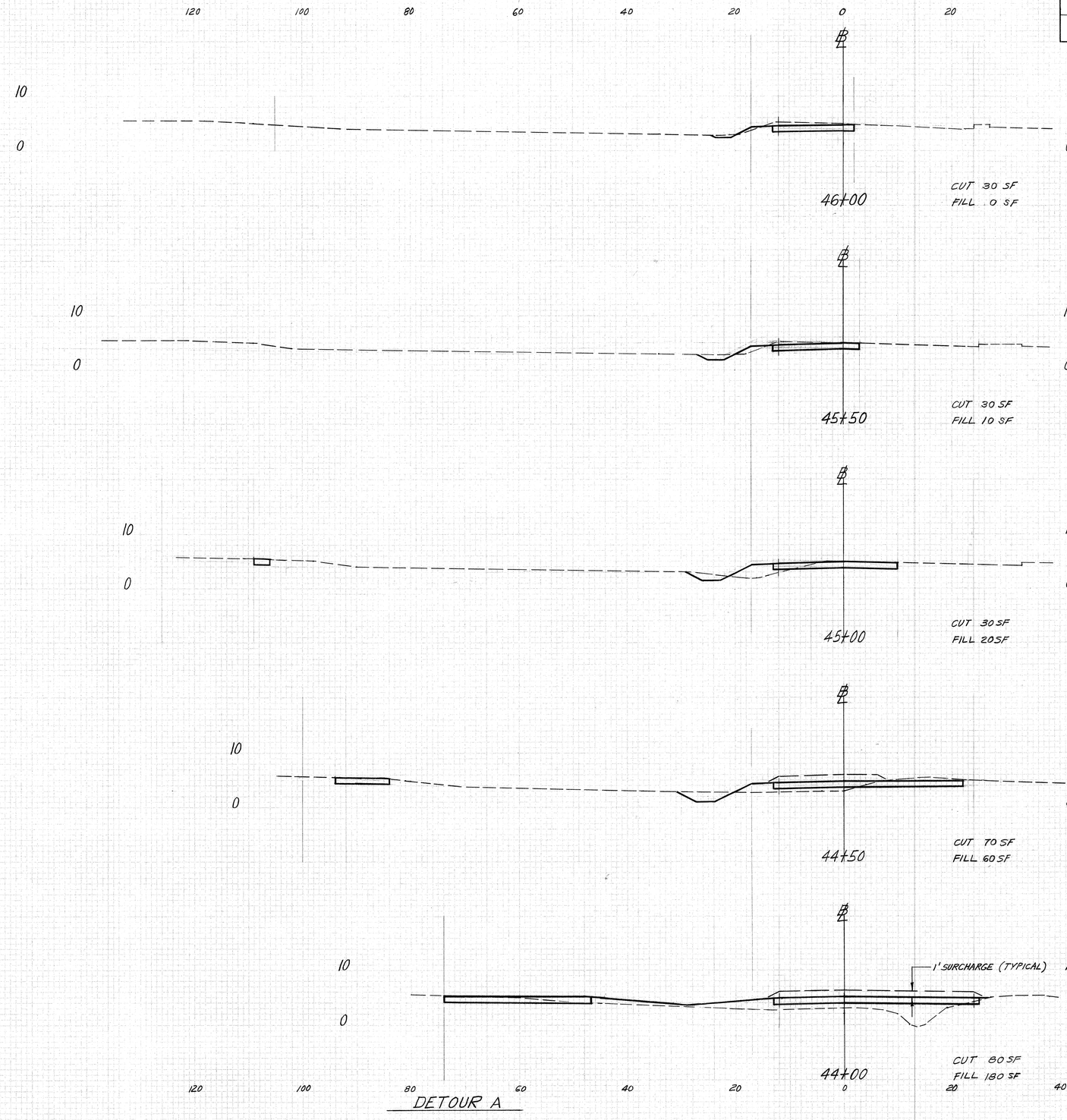
JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

John P. Johnson

PLATE 3 CROSS SECTIONS, F.A.P.
CLEARING AND GRUBBING, F.A.P.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(128):17	1975	77	78



DETOUR A

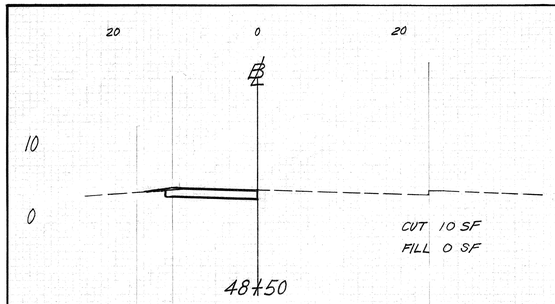
SCALE: HOR. 1" = 10'
VER. 1" = 10'

JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

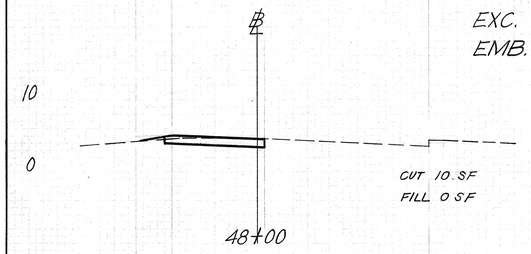
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

John P. Johnson

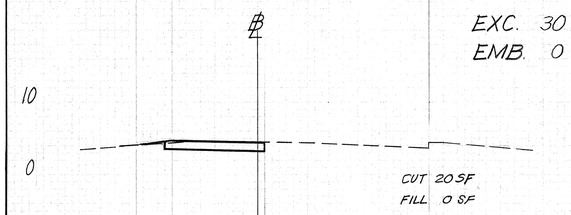
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(128)-17	1975	78	78



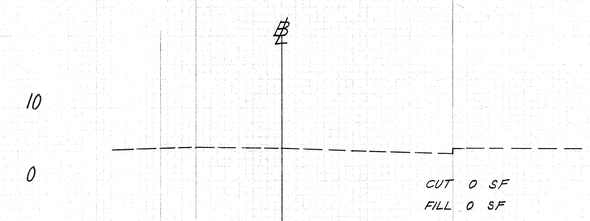
48+50



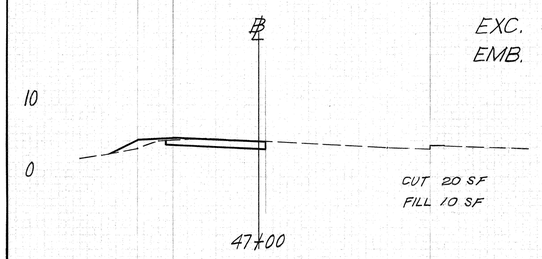
48+00



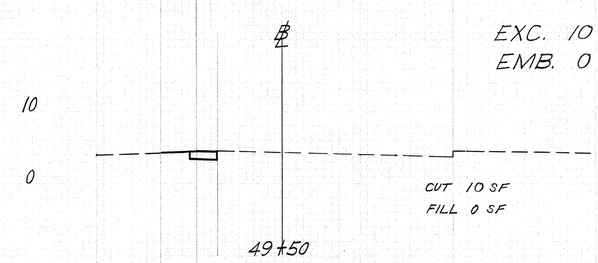
47+50



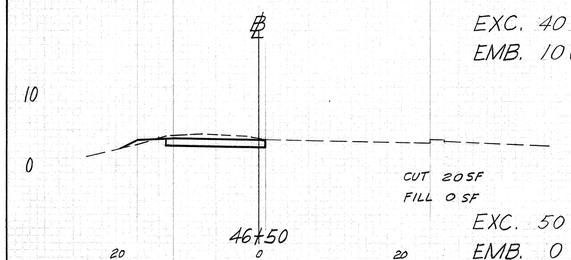
49+80 BACK



47+00

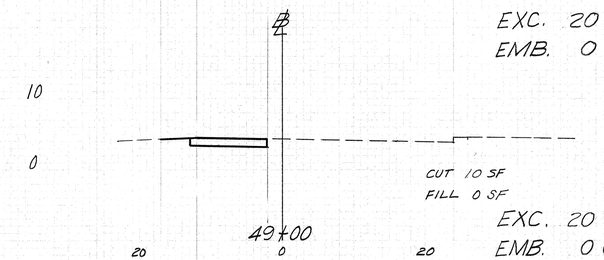


49+50



46+50

EXC. 50 CY
EMB. 0 CY



49+00

EXC. 20 CY
EMB. 0 CY

DETOUR A

JOHN P. JOHNSON
REGISTERED PROFESSIONAL ENGINEER
No. 3647
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SCALE: HOR. 1" = 10'
VER. 1" = 10'