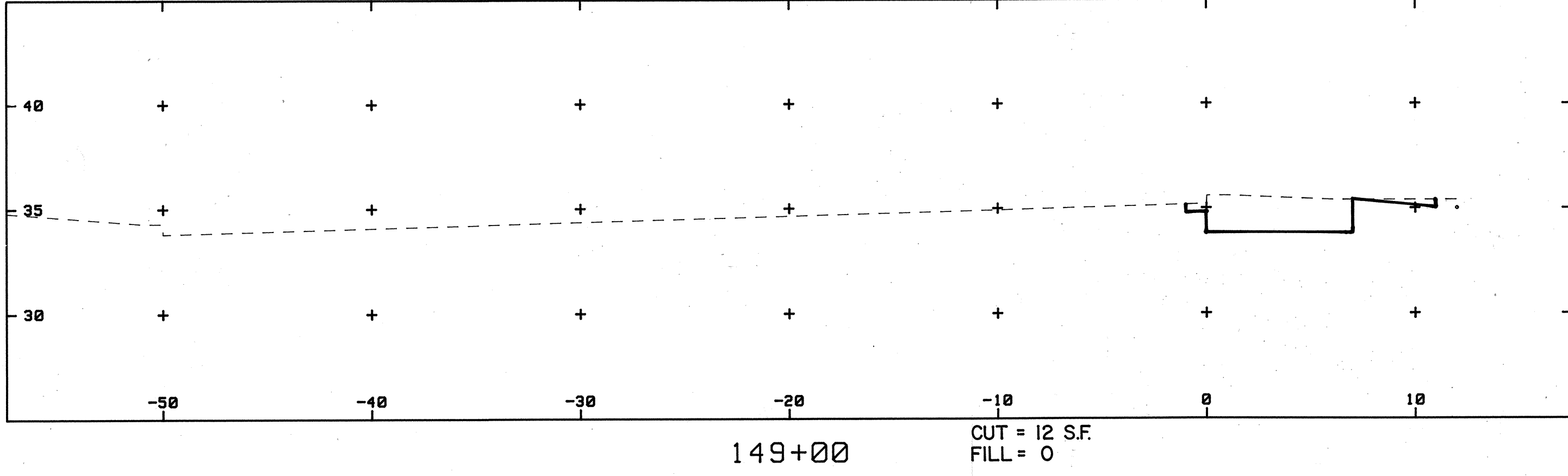
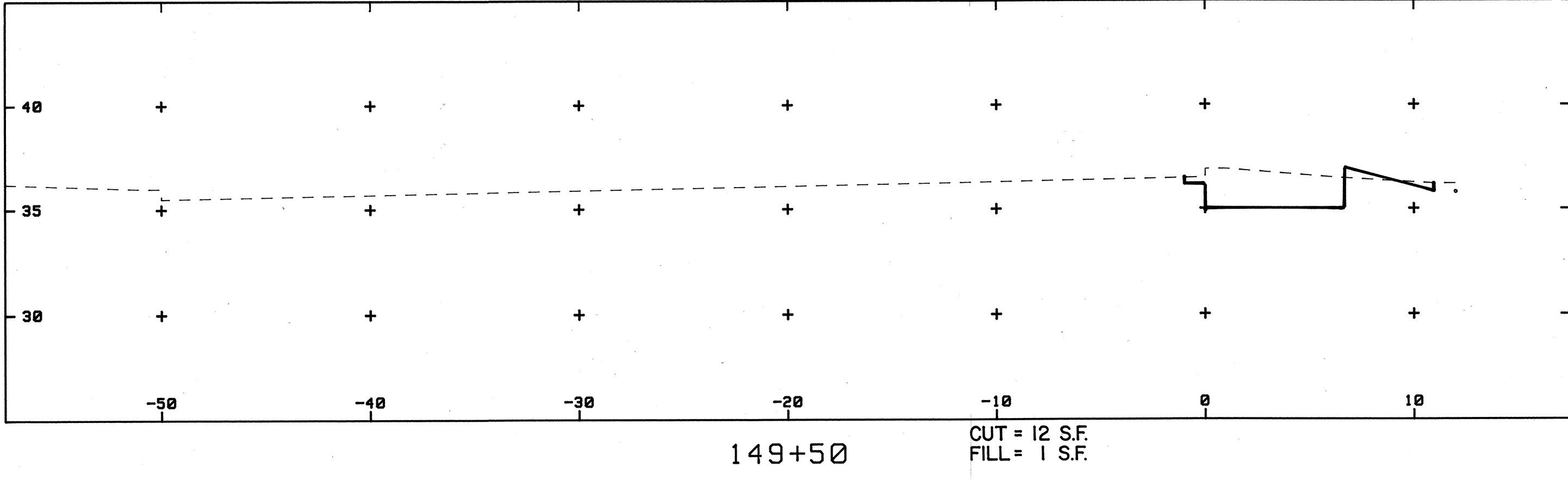
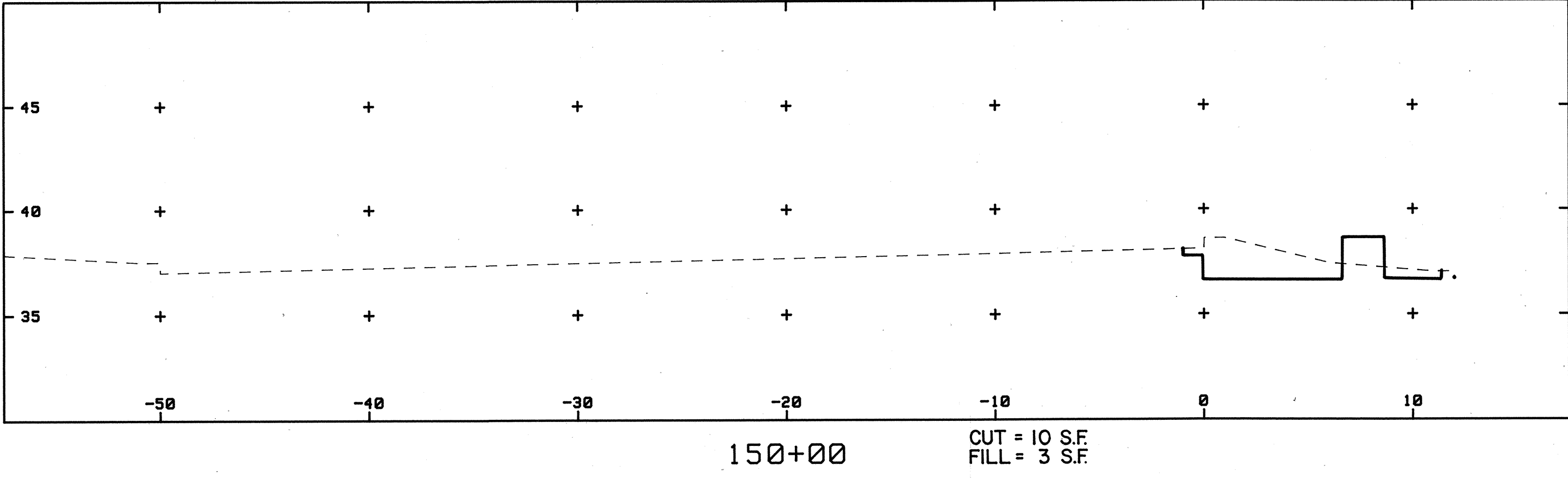
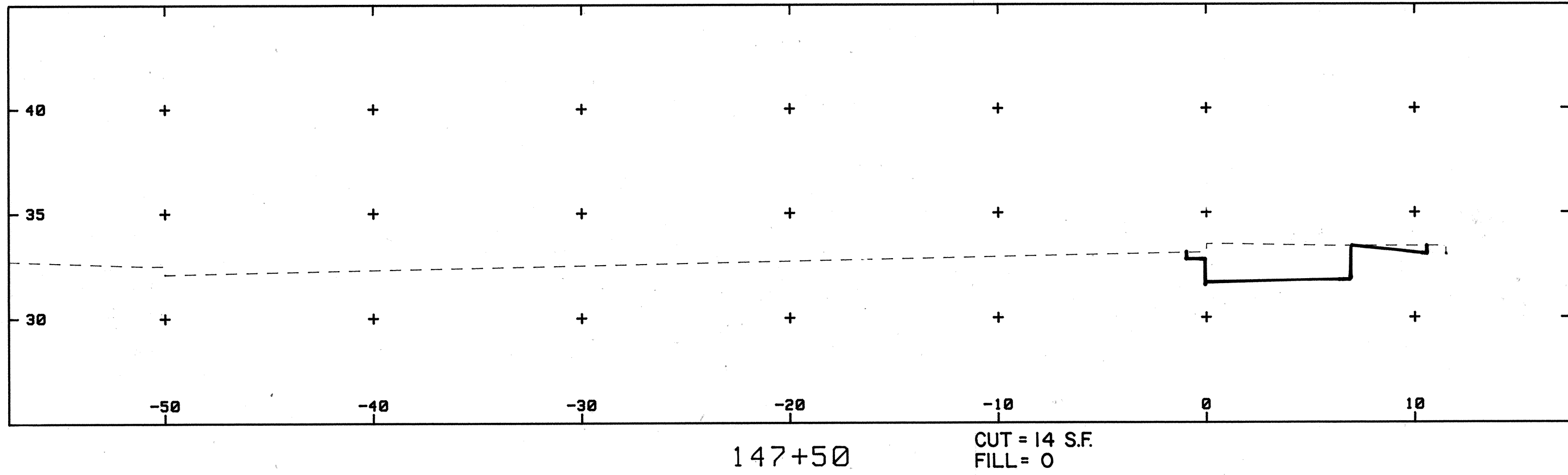
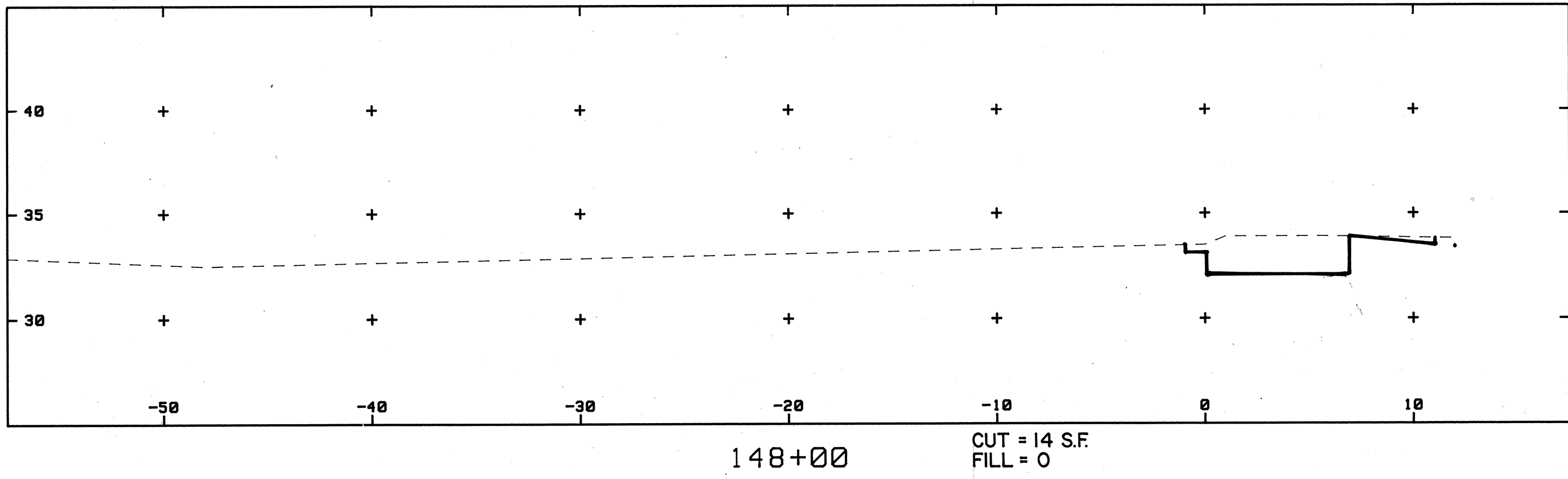
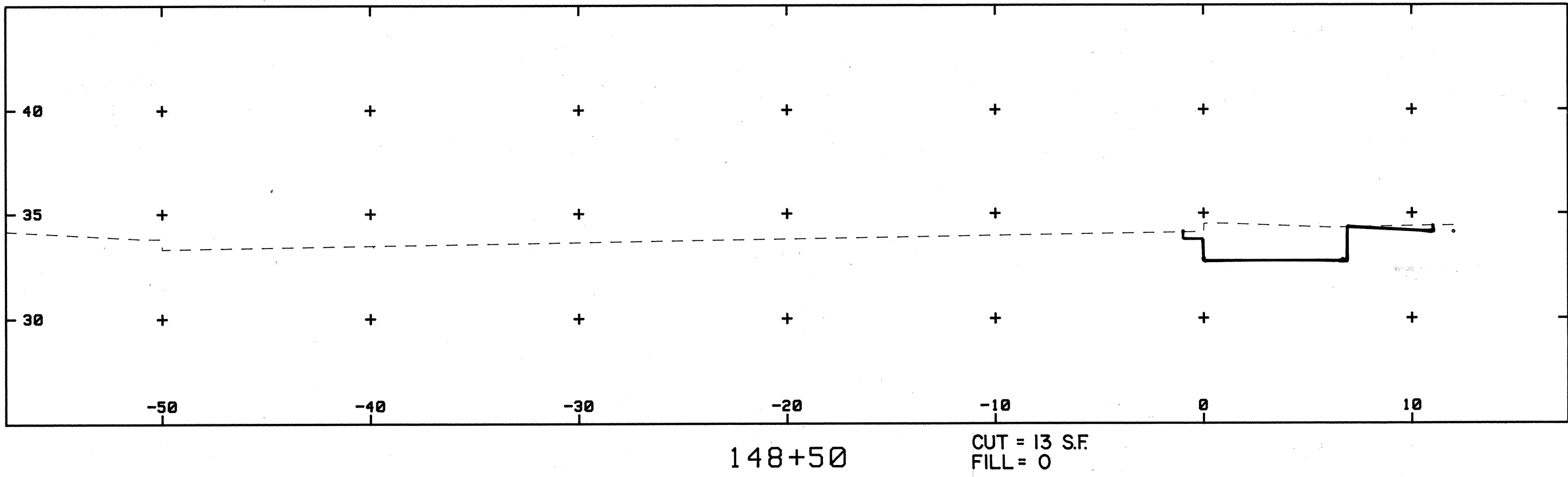
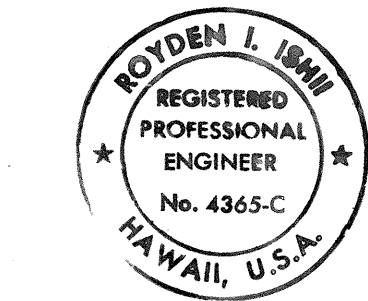


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	98A-01-89	1991	25	28



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
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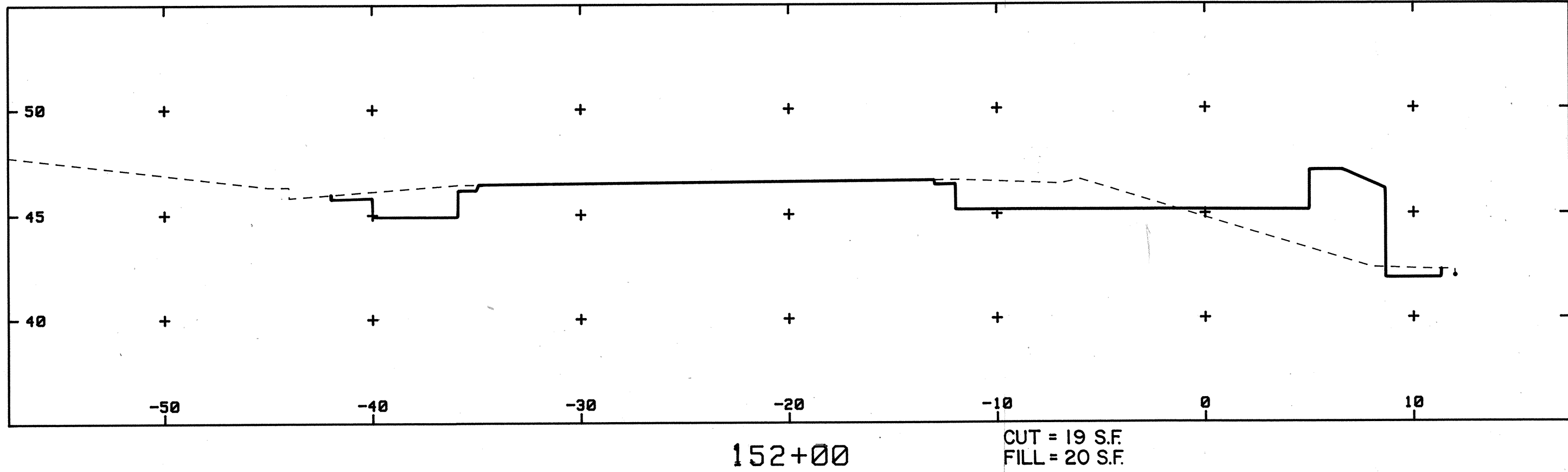
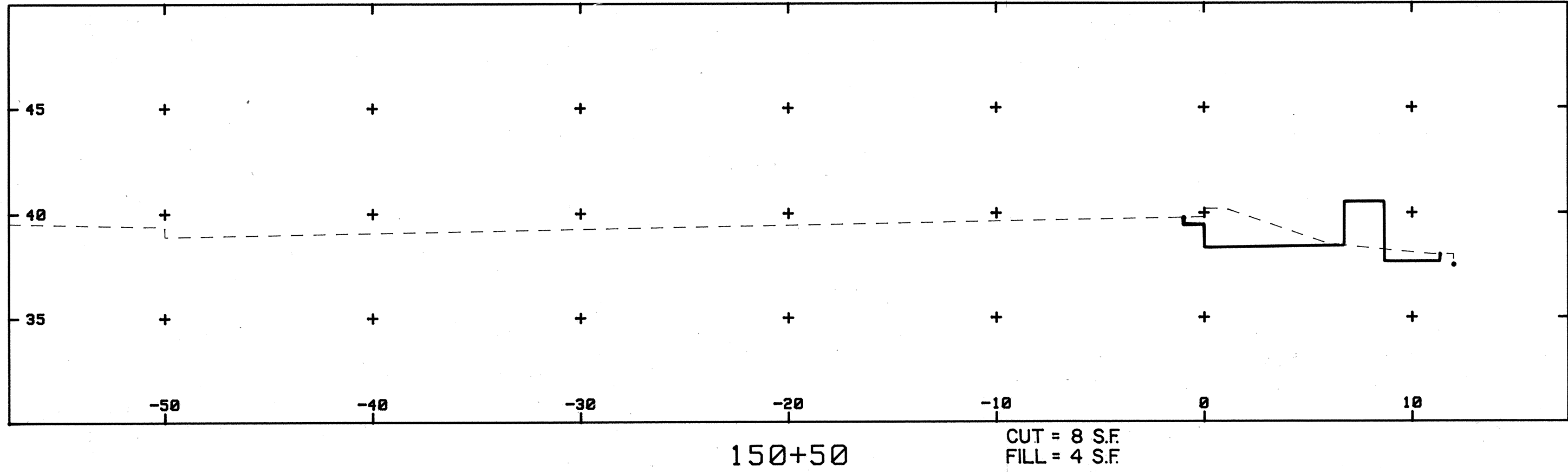
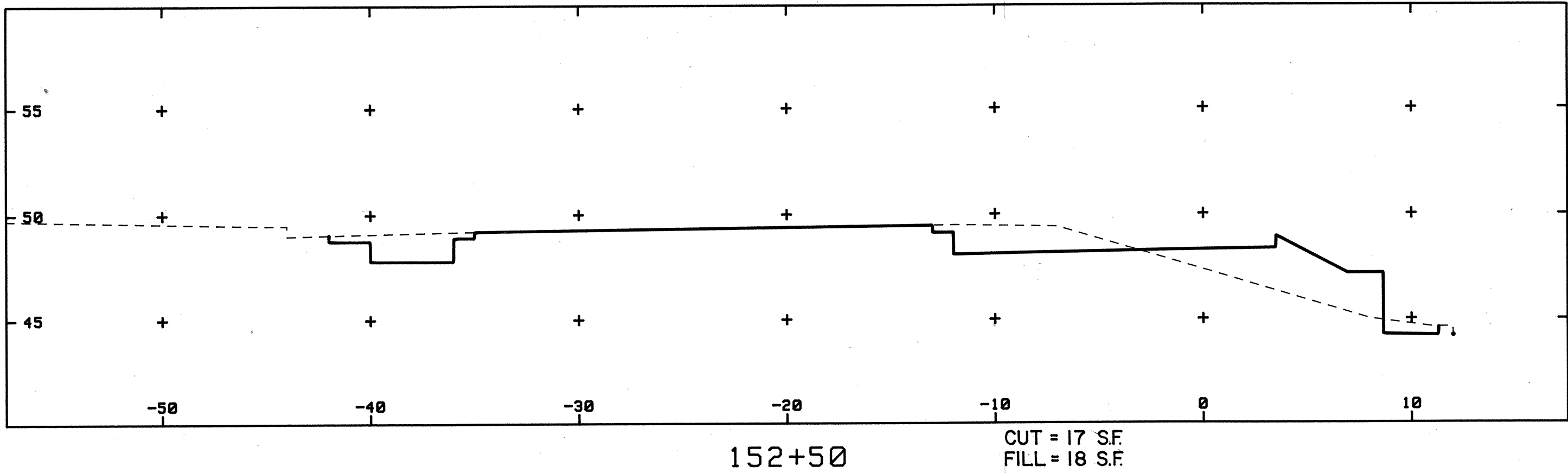
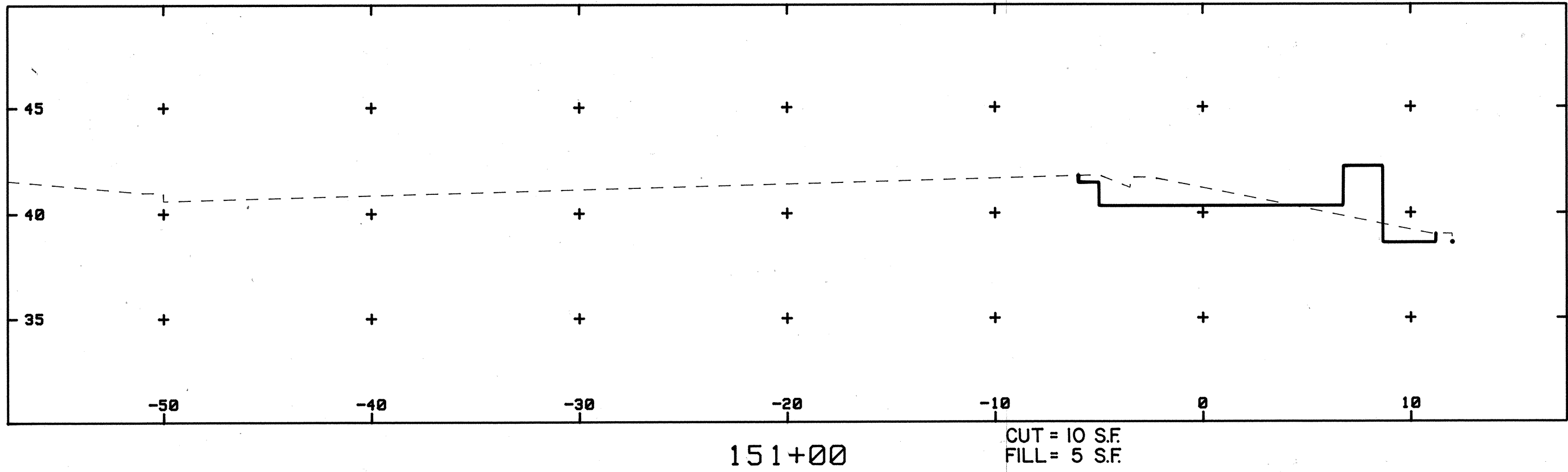
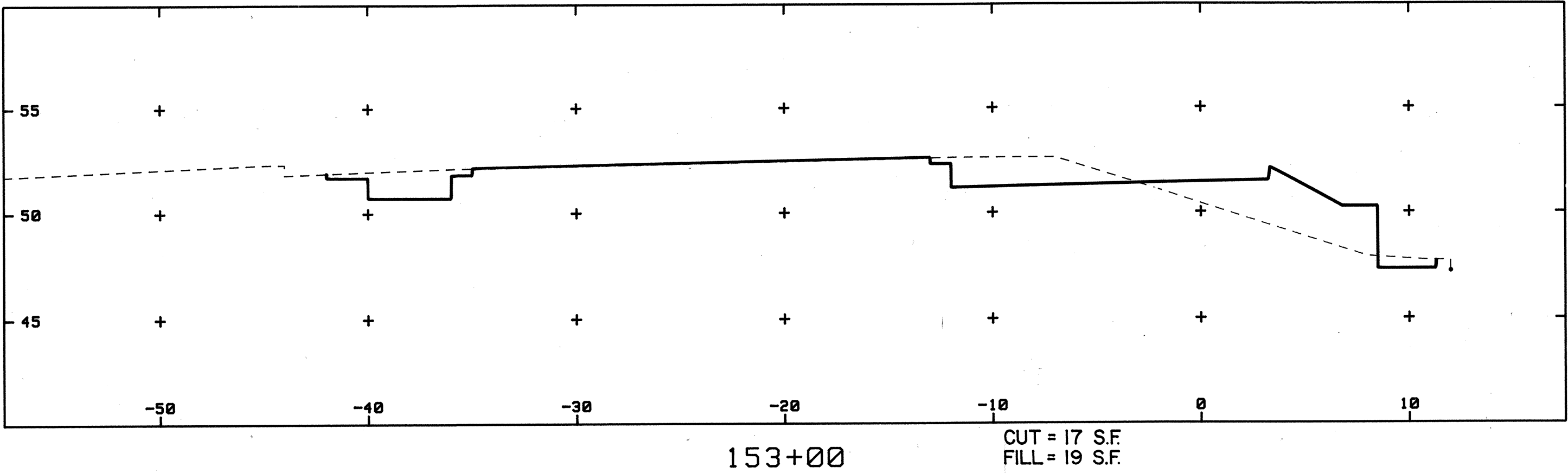
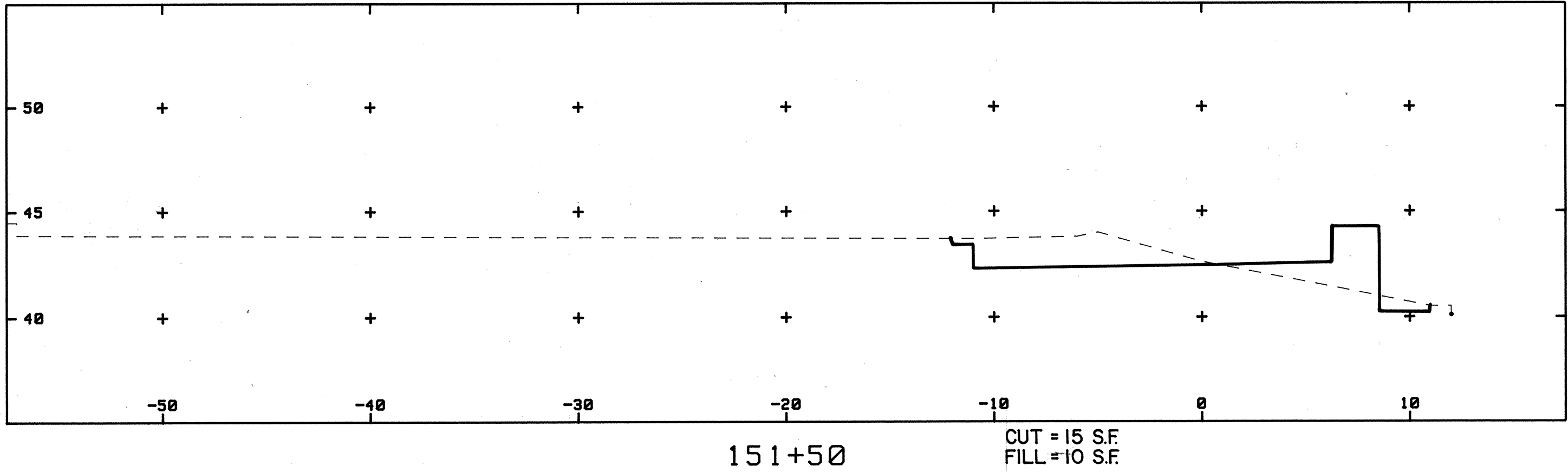
THIS WORK WAS PREPARED BY
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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

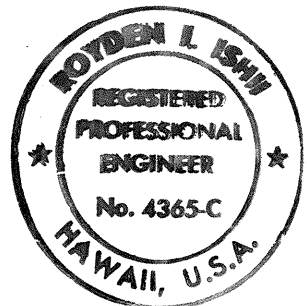
CROSS SECTIONS

VINEYARD - PUNCHBOWL
TRAFFIC IMPROVEMENT PROJECT
PROJECT NO. 98A-01-89
SCALES: HORIZ. 1" = 5'
VERT. 1" = 5'
DATE: APRIL 1990
SHEET NO. 1 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	98A-01-89	1991	26	28



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



THIS SEAL IS TO BE USED BY THE ENGINEER UNDER HIS SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

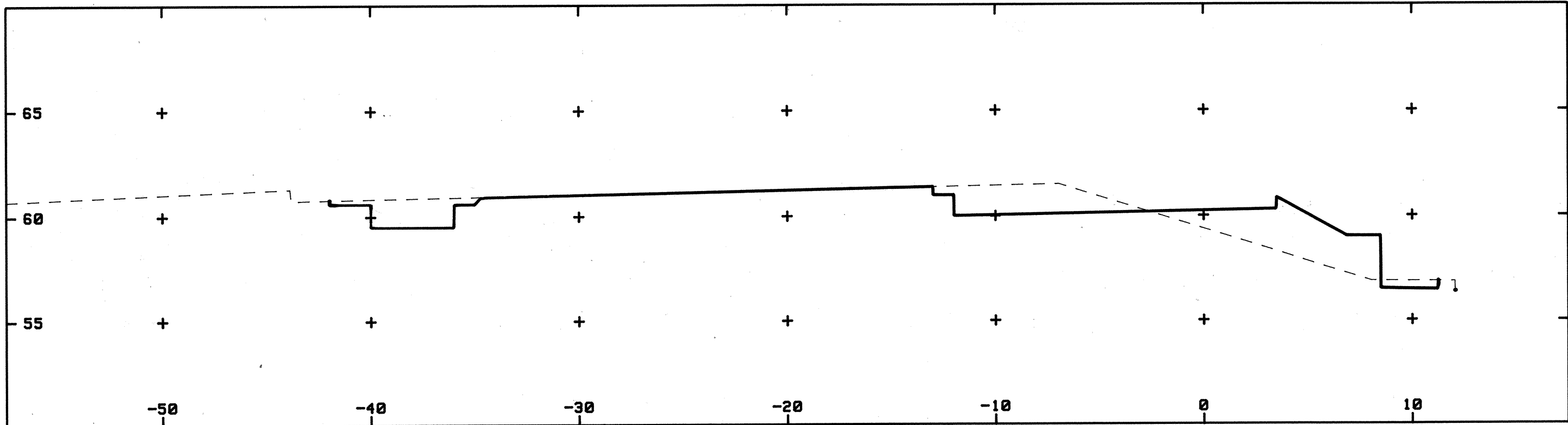
VINEYARD - PUNCHBOWL
TRAFFIC IMPROVEMENT PROJECT
PROJECT NO. 98A-01-89

SCALES: HORIZ. 1"=5'
VERT. 1"=5'

DATE: APRIL 1990

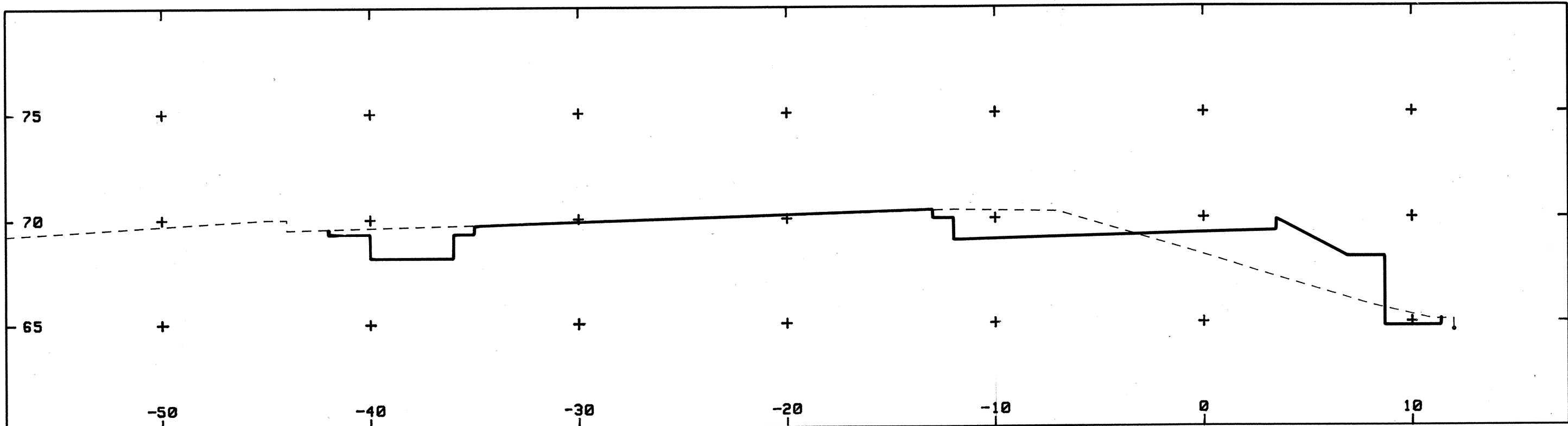
SHEET No. 2 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	98A-01-89	1991	27	28



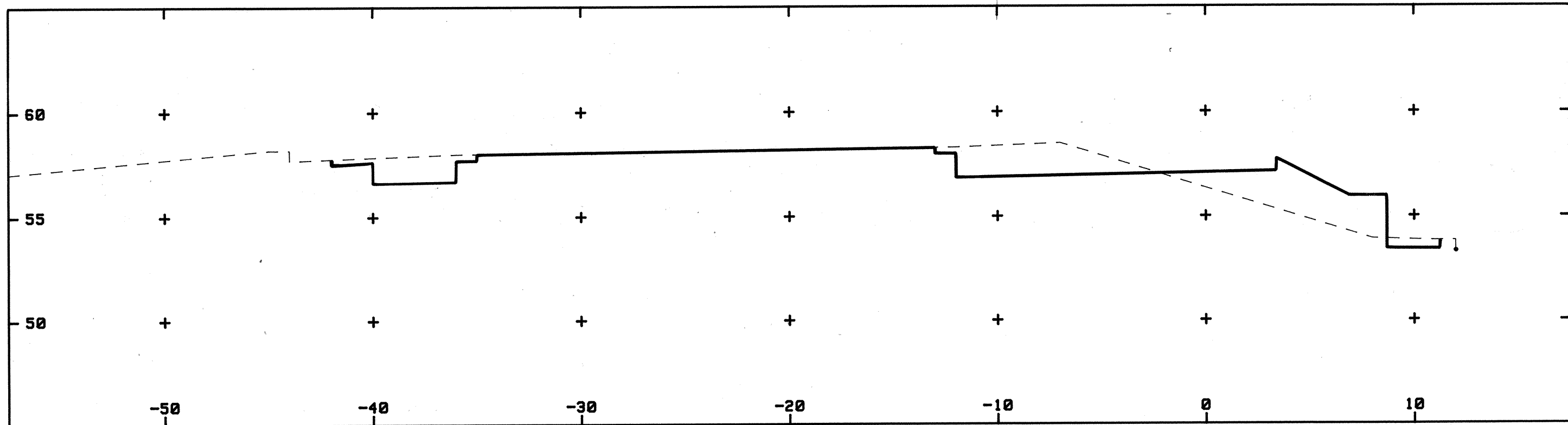
154+50

CUT = 18 S.F.
FILL = 19 S.F.



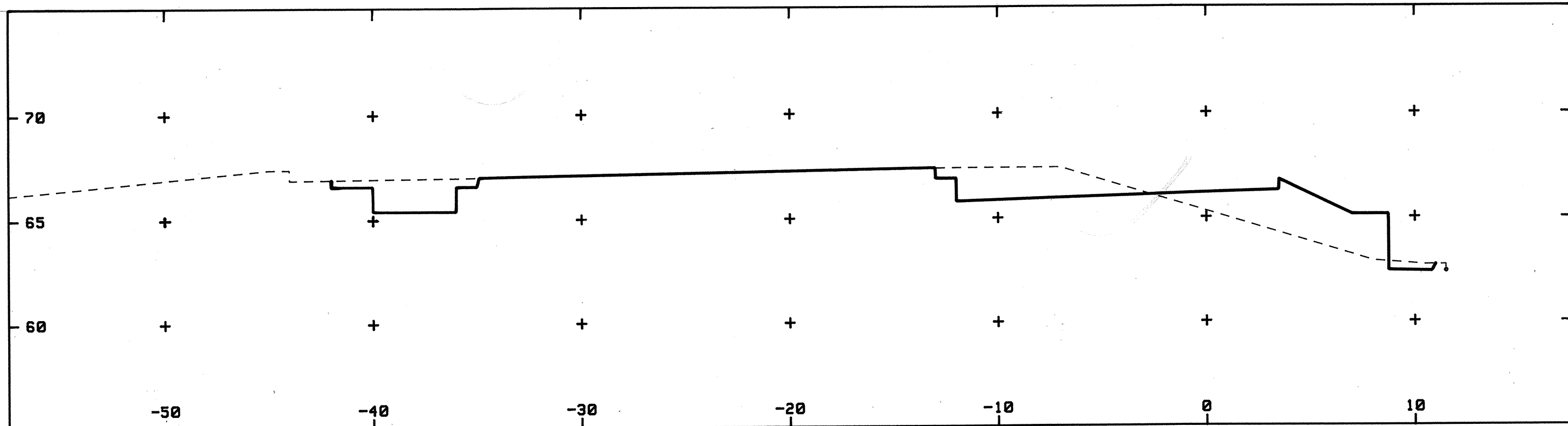
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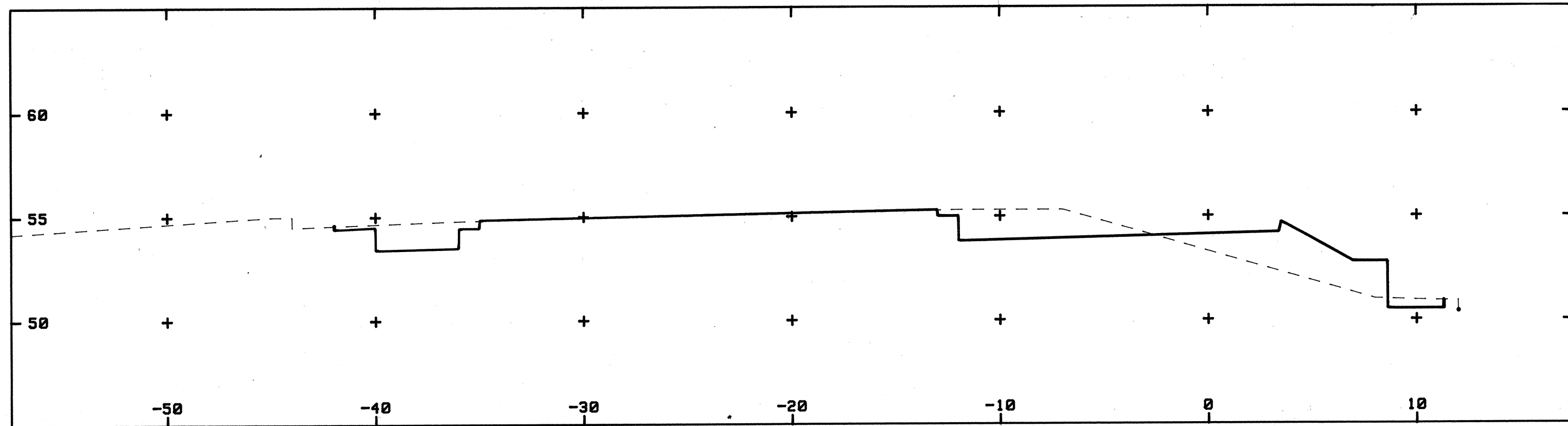
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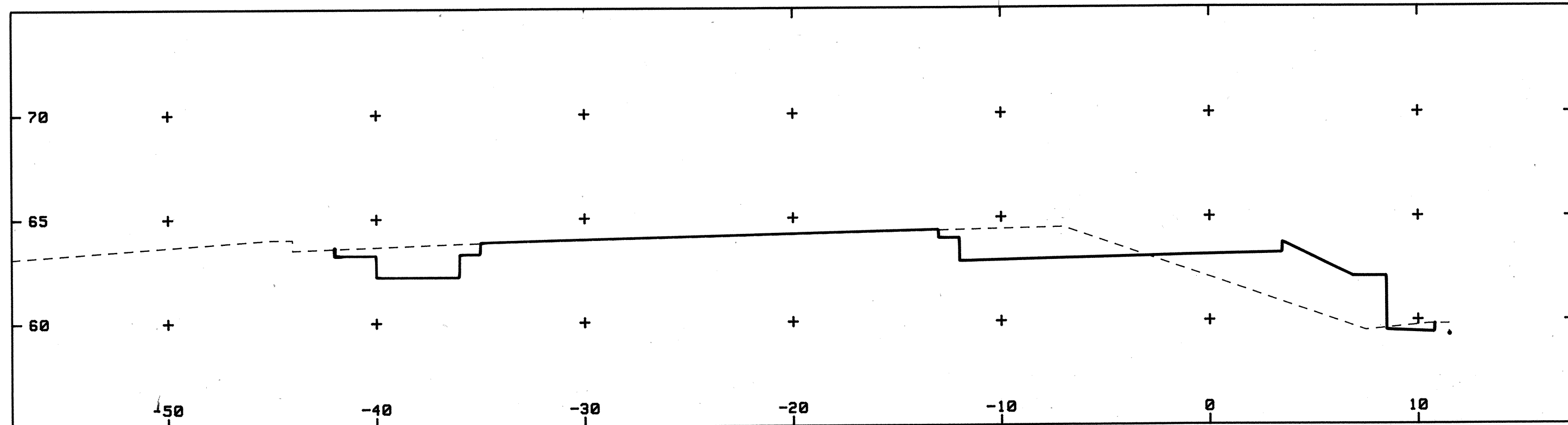
155+50

CUT = 19 S.F.
FILL = 18 S.F.



153+50

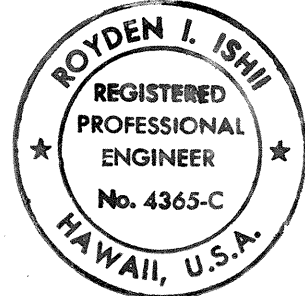
CUT = 17 S.F.
FILL = 16 S.F.



155+00

CUT = 19 S.F.
FILL = 21 S.F.

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



Royden L. Ishii
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HIGHWAYS DIVISION

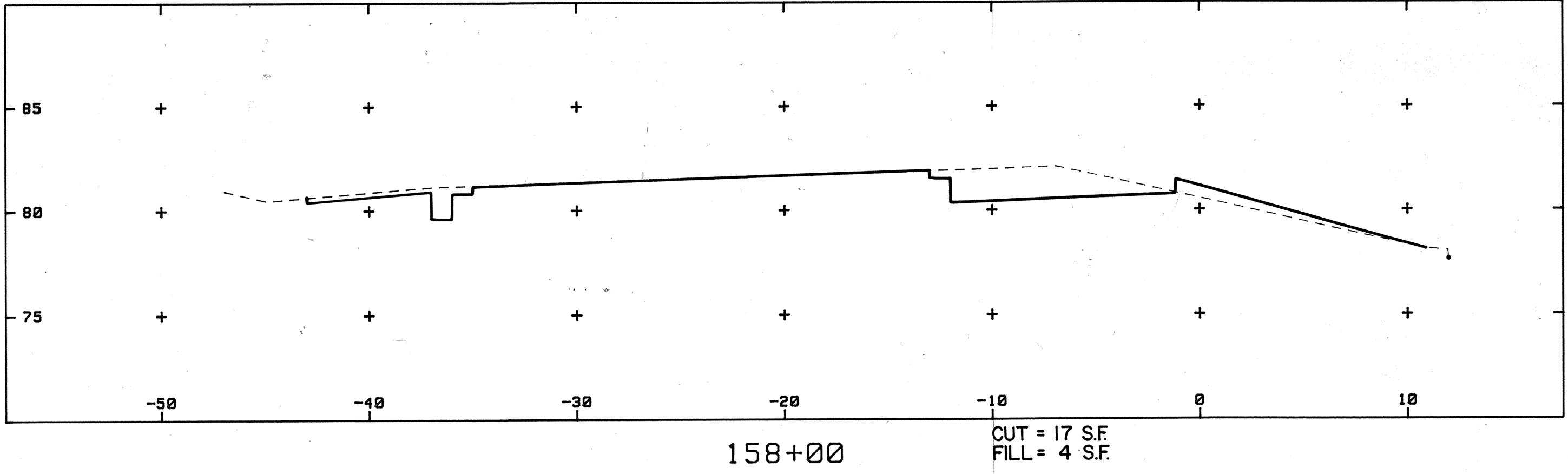
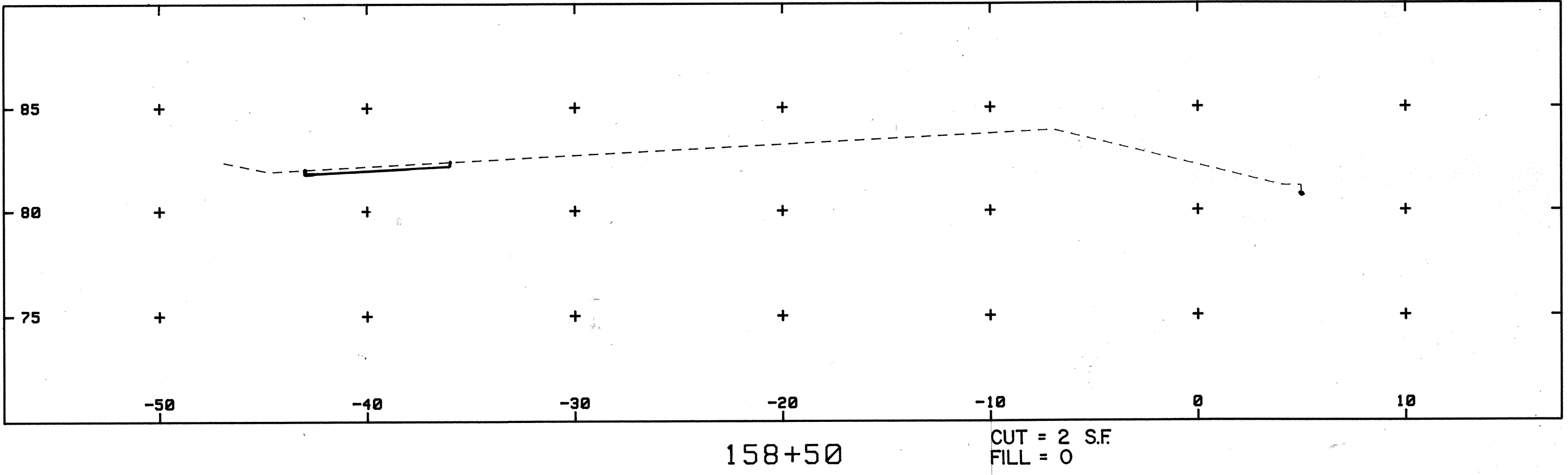
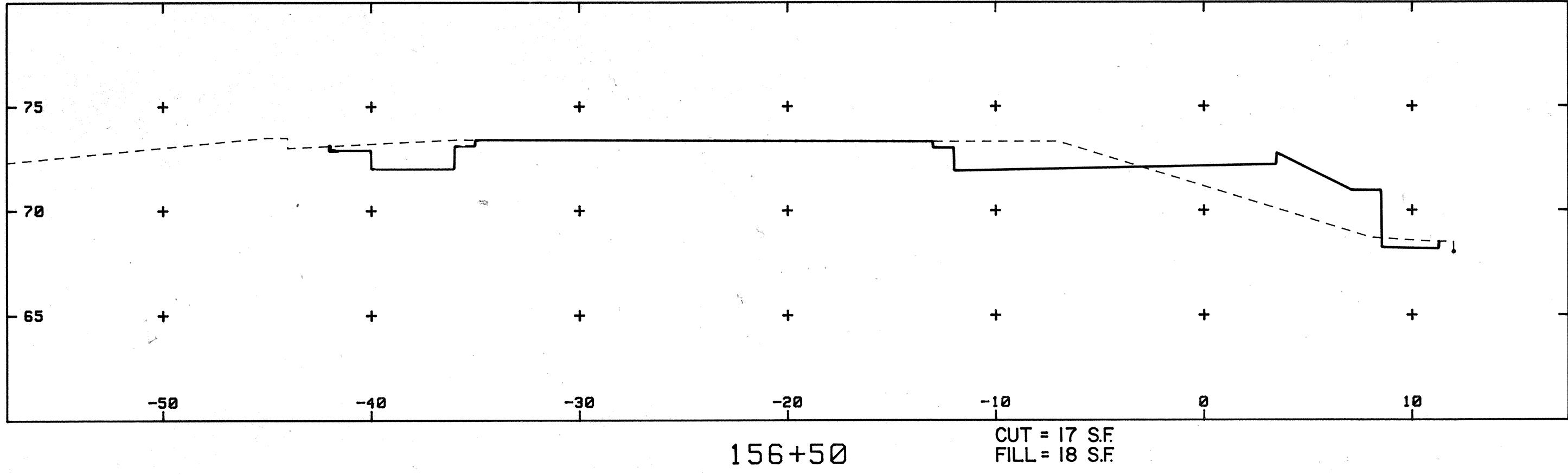
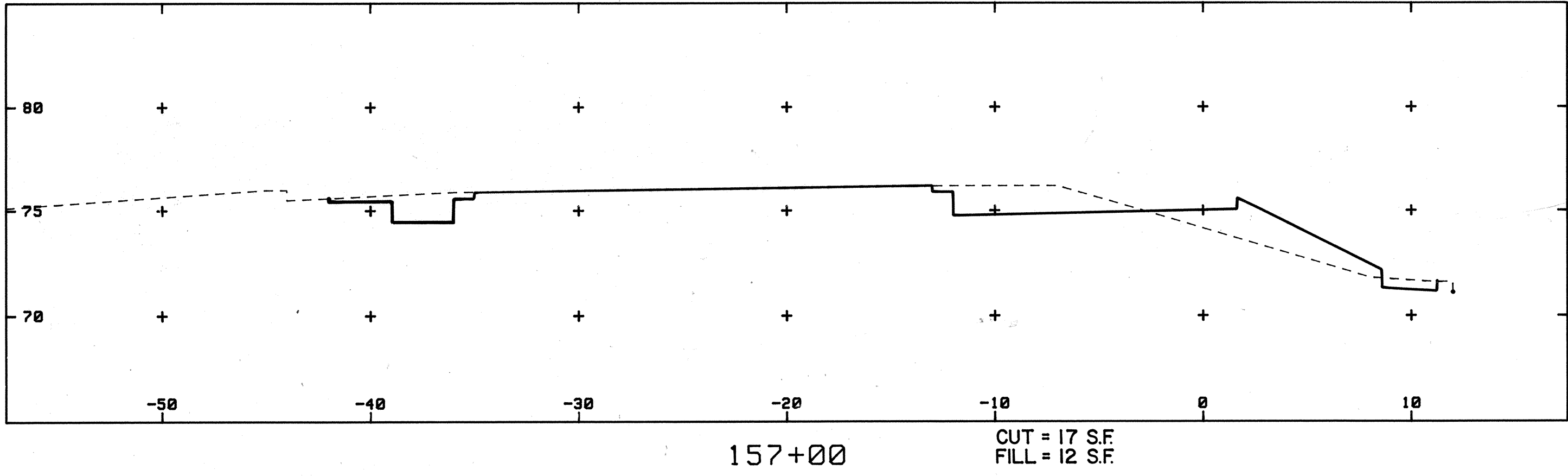
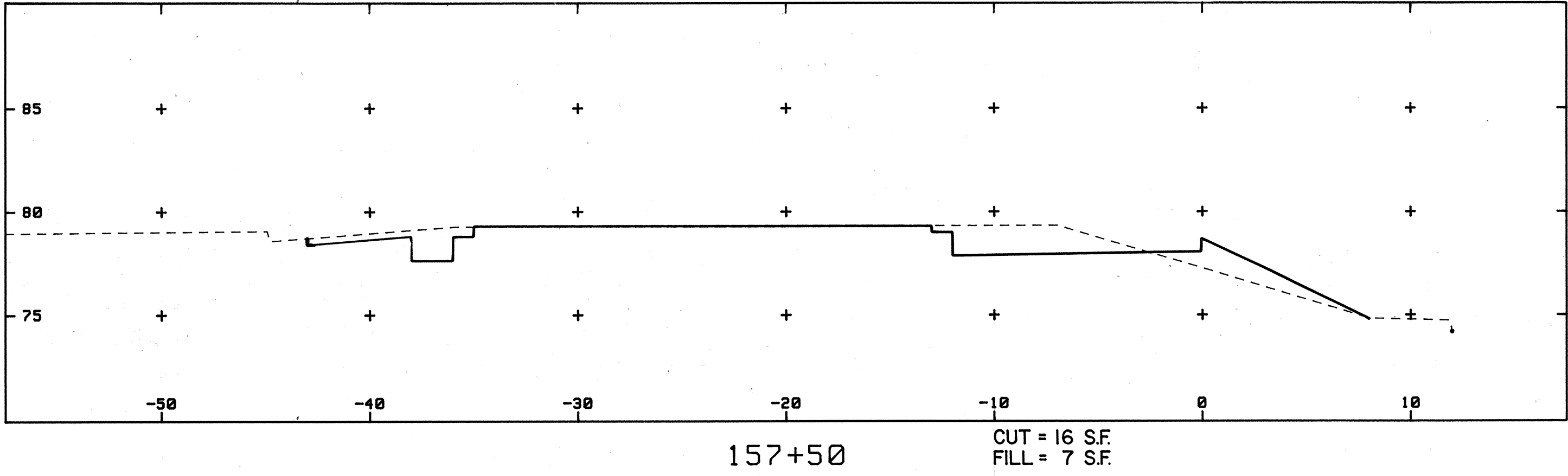
CROSS SECTIONS

VINEYARD-PUNCHBOWL
TRAFFIC IMPROVEMENT PROJECT
PROJECT NO. 98A-01-89

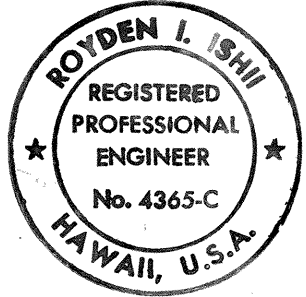
SCALES: HORIZ. 1" = 5'
VERT. 1" = 5' DATE: APRIL 1990

SHEET No. 3 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	98A-01-89	1991	28	28



ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
DESIGNED BY	
QUANTITIES BY	
NOTES BY	
NO.	



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

VINEYARD - PUNCHBOWL
TRAFFIC IMPROVEMENT PROJECT
PROJECT NO. 98A-01-89
SCALES: HORIZ. 1"=5'
VERT. 1"=5'
DATE: APRIL 1990
SHEET NO. 4 OF 4 SHEETS