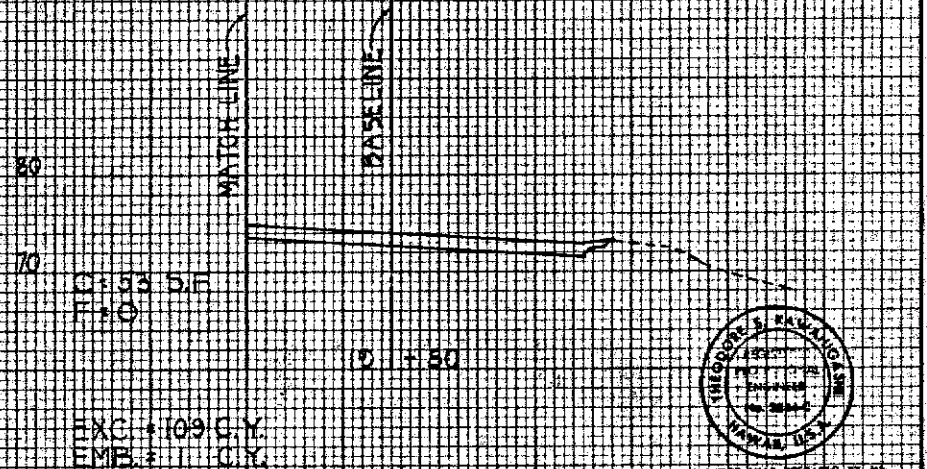
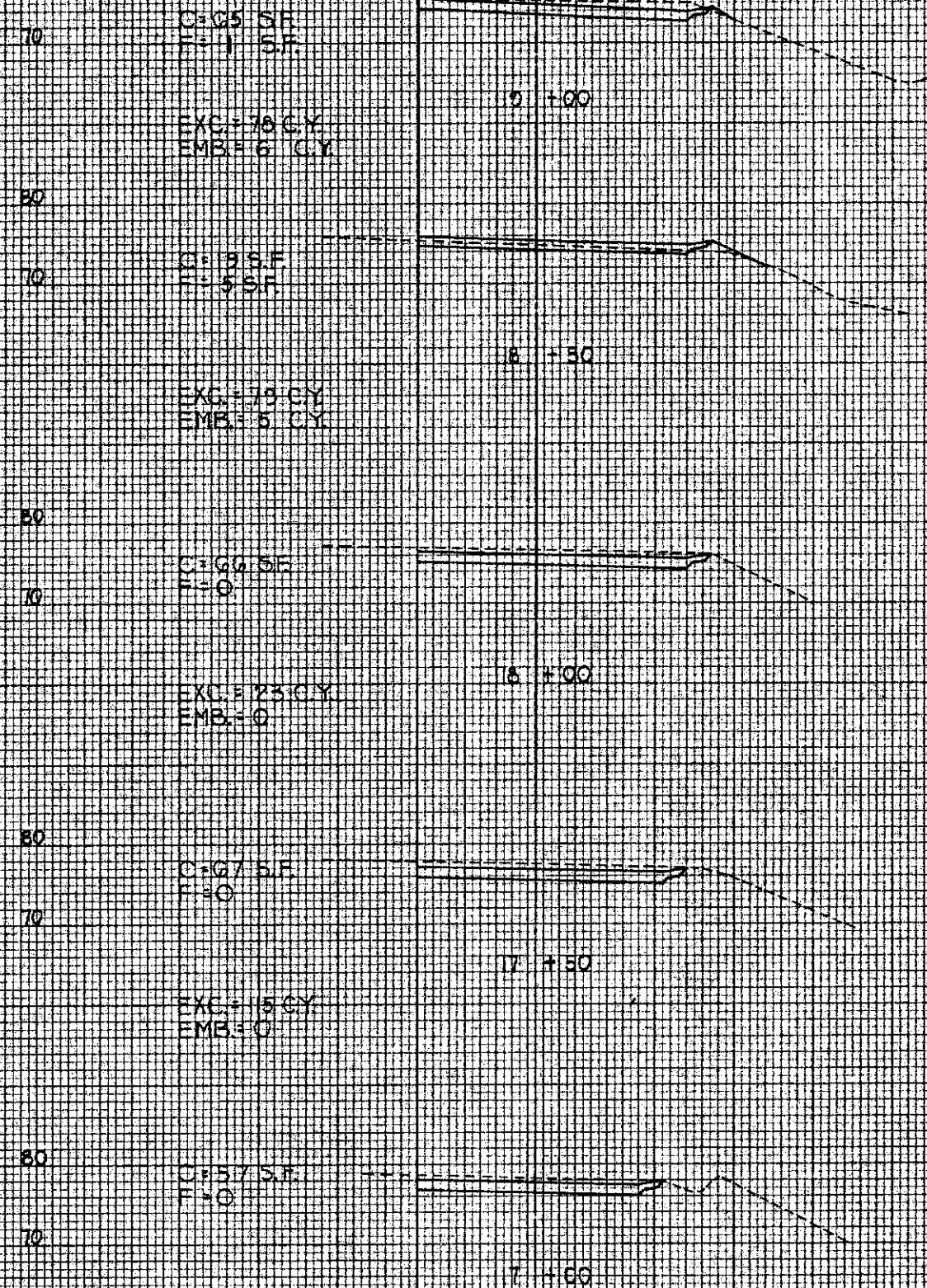
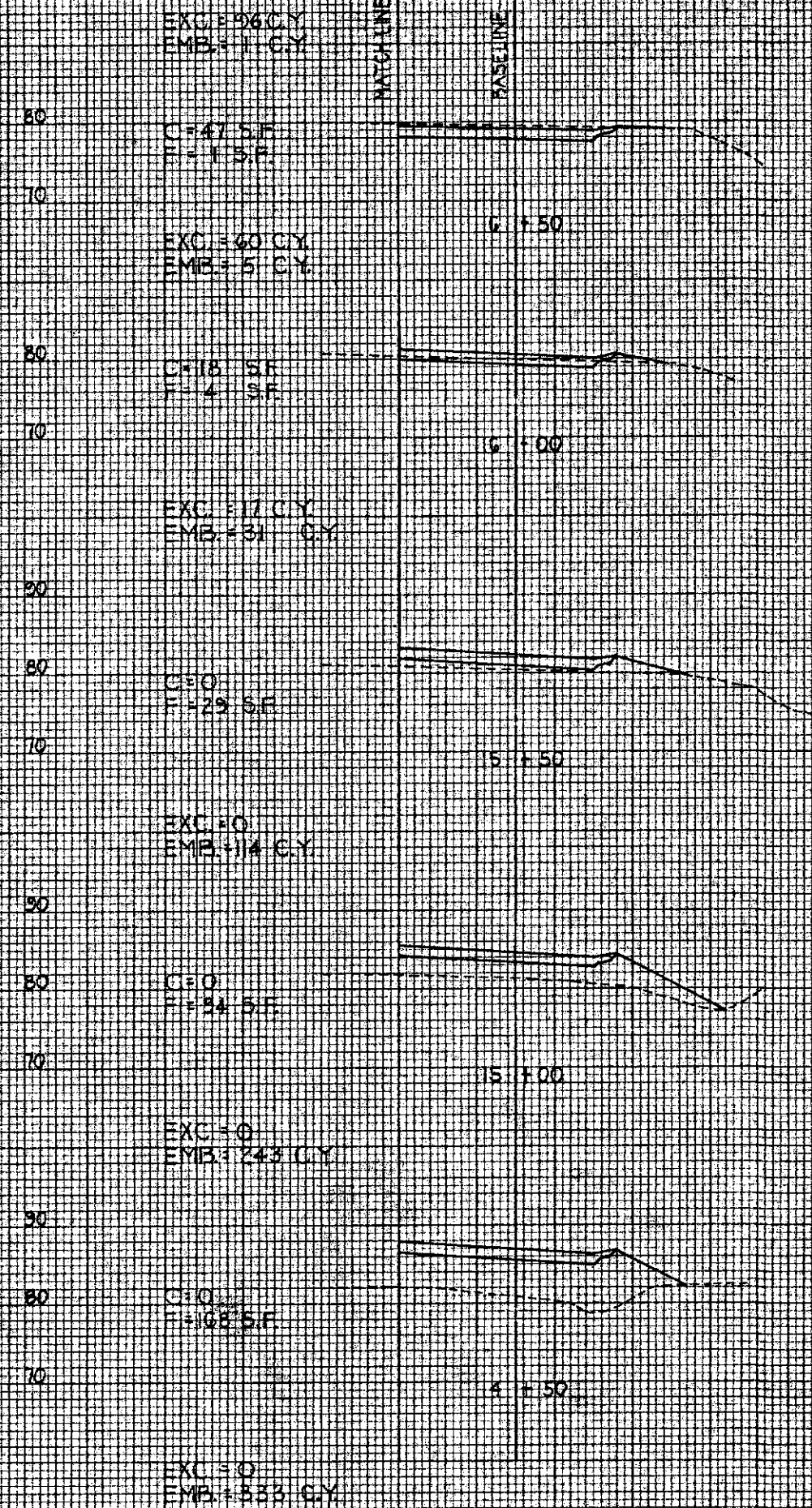


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(54)	1969	45	137

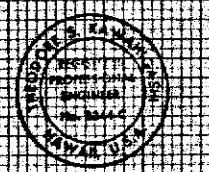
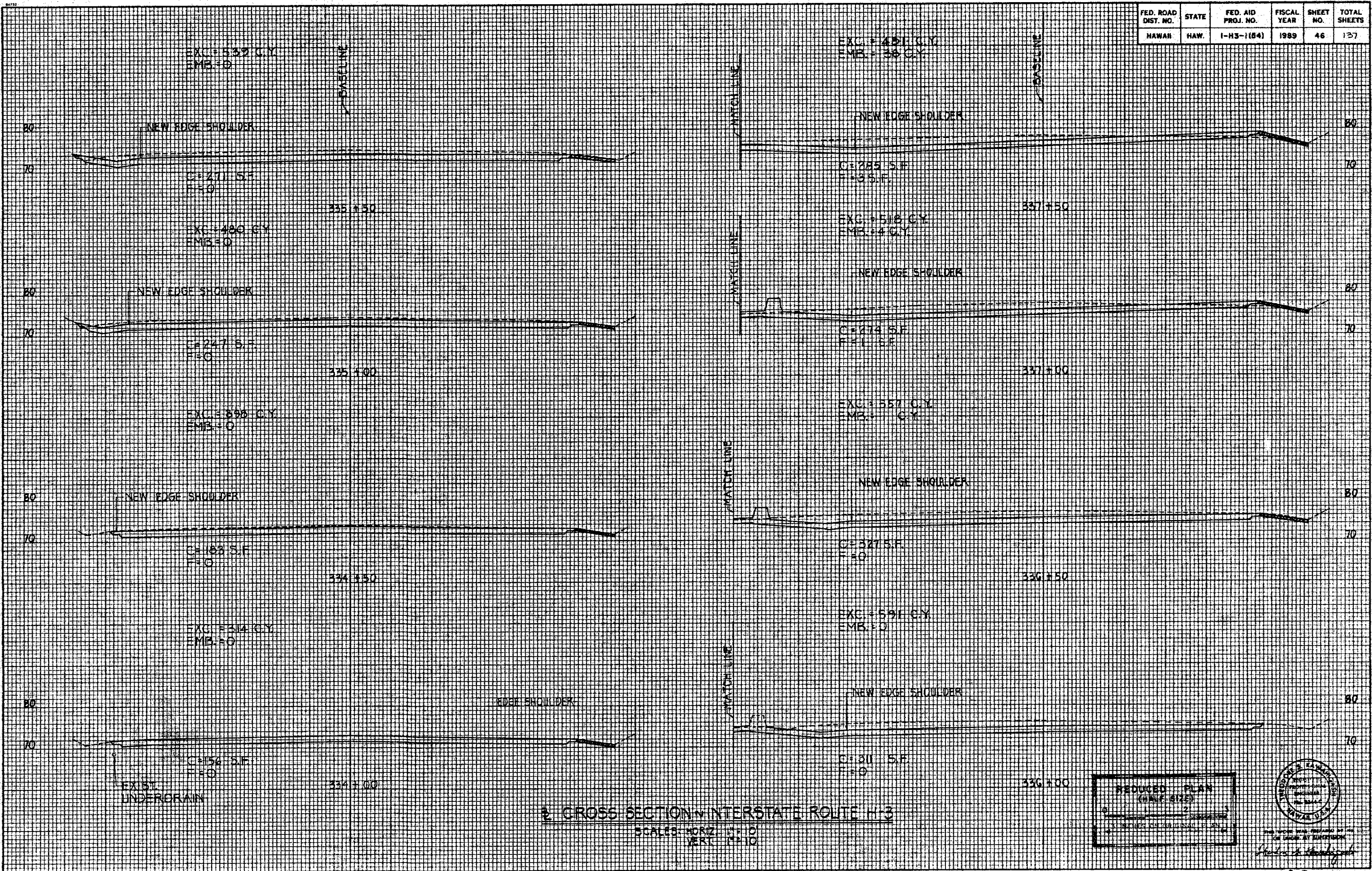
ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLANTED		
	TEMPERATURE		
	ANALYSIS		
	ANALYSIS CREDITED		



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(54)	1989	46	137

NO.	DATE	BY	UNIT
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

NO.	DATE	BY	UNIT
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

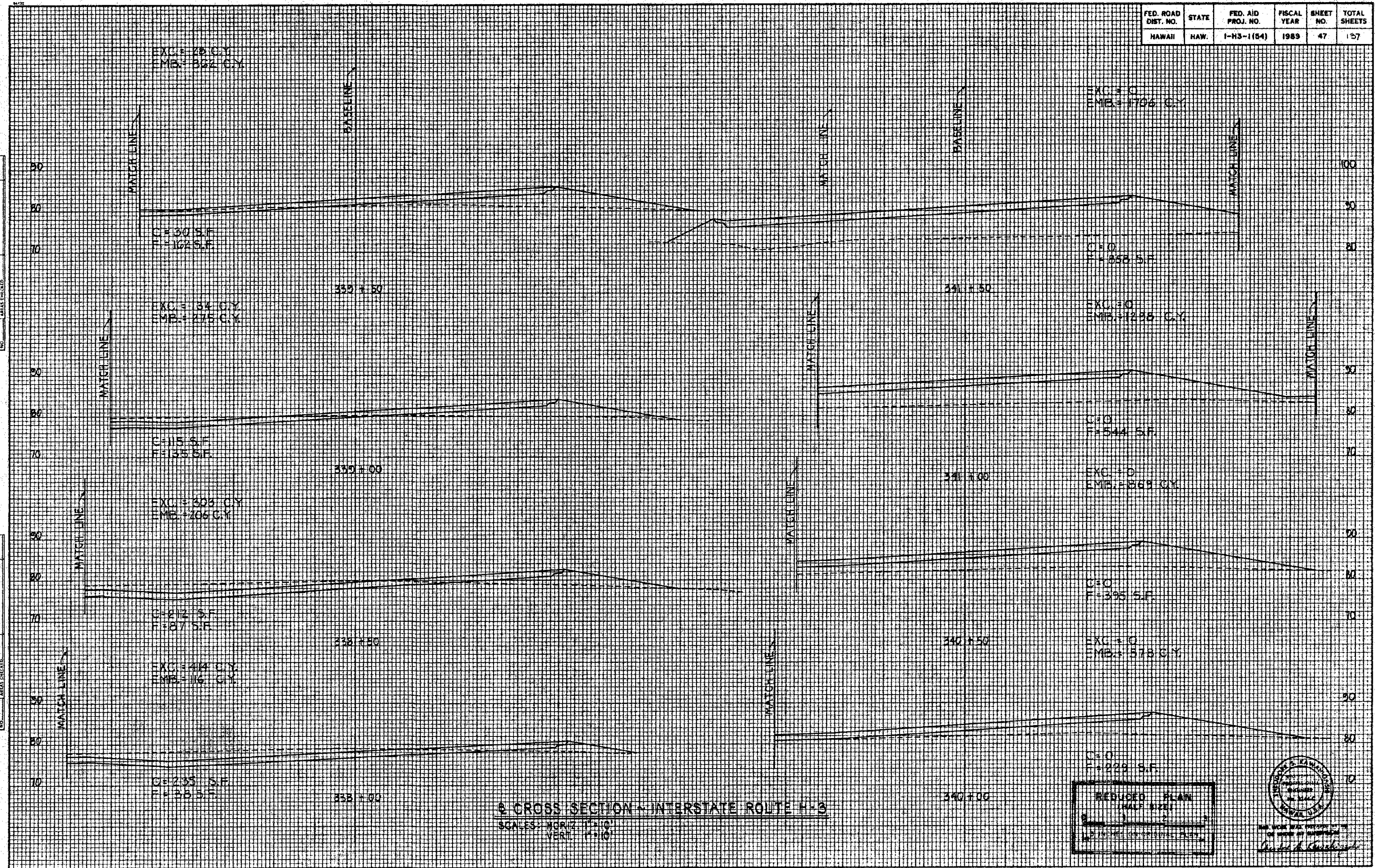


THIS WORK WAS PREPARED BY AN
FIRM UNDER CONTRACT TO THE
HAWAIIAN HIGHWAY DEPARTMENT
DATE: 10/1/89
BY: [Signature]

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HS-1(54)	1989	47	127

FINAL SURVEY	DATE	BY
NO. 1		
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		

ORIGINAL SURVEY	DATE	BY
NO. 1		
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		



CROSS SECTION - INTERSTATE ROUTE H-3
 SCALES: HORIZ. 1"=10'
 VERT. 1"=10'

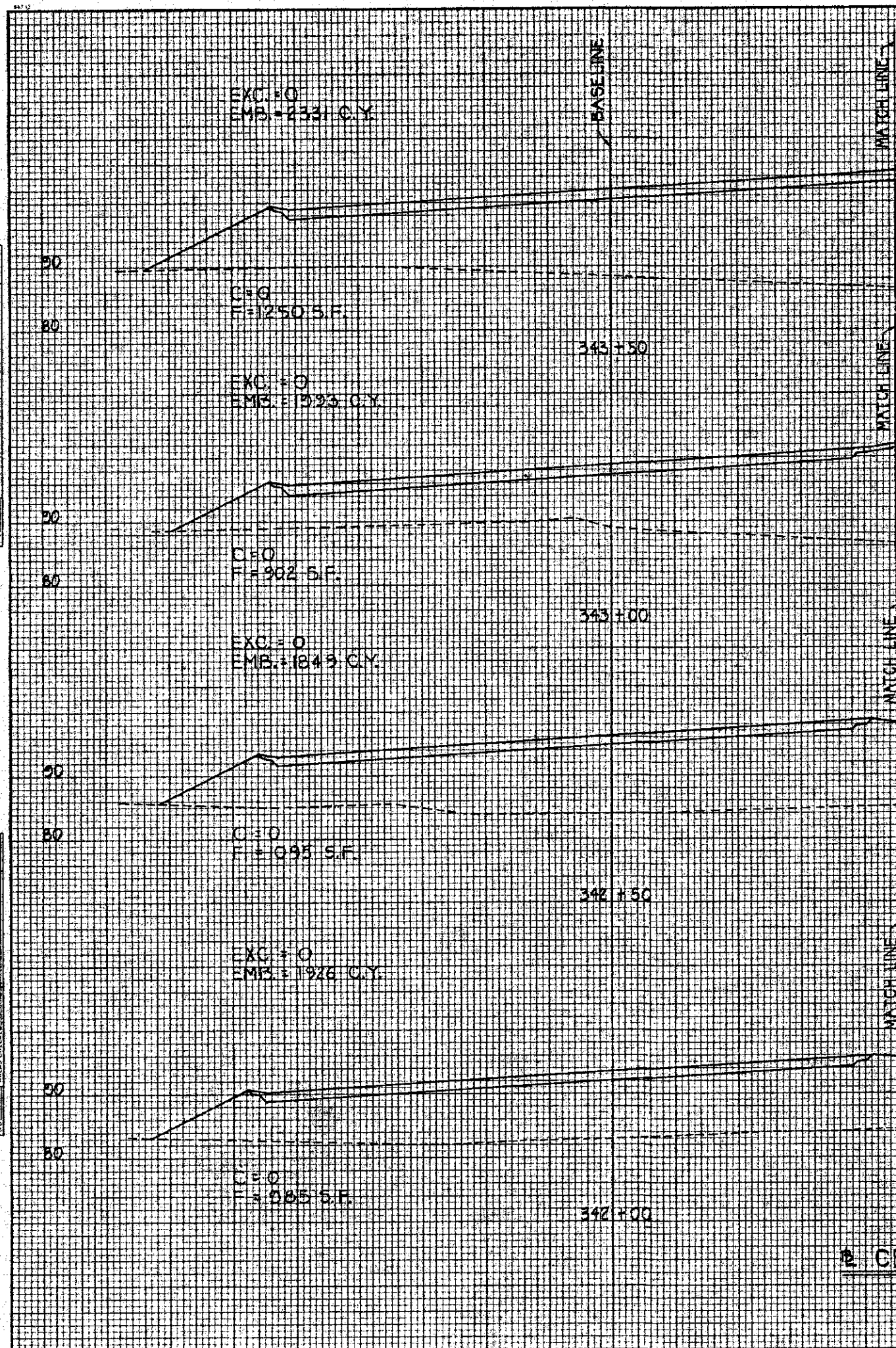
REDUCED PLAN
 (HALF SIZE)
 1"=100'



DATE	BY	SURVEYED	NOTED	AREA	NO.

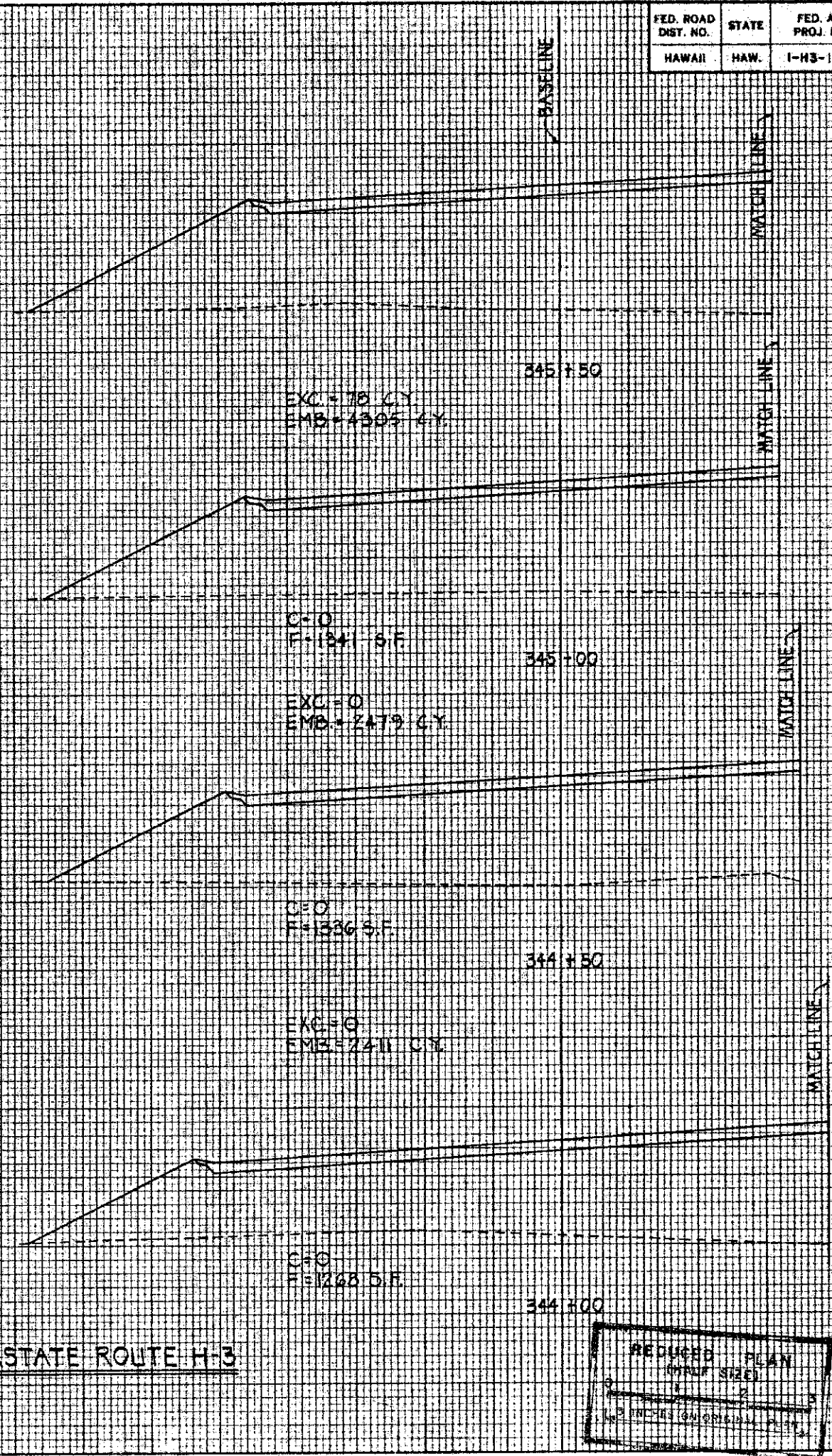
DATE	BY	SURVEYED	NOTED	AREA	NO.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H3-1(64)	1989	48	127

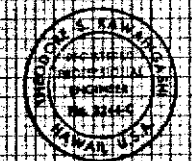


2 CROSS SECTION N INTERSTATE ROUTE H-3

SCALE: HORIZ. 1"=10'
VERT. 1"=10'



REDUCED PLAN (GROUP SIZE)
1 2 3
1/3 INCHES ON ORIGINAL PLAN

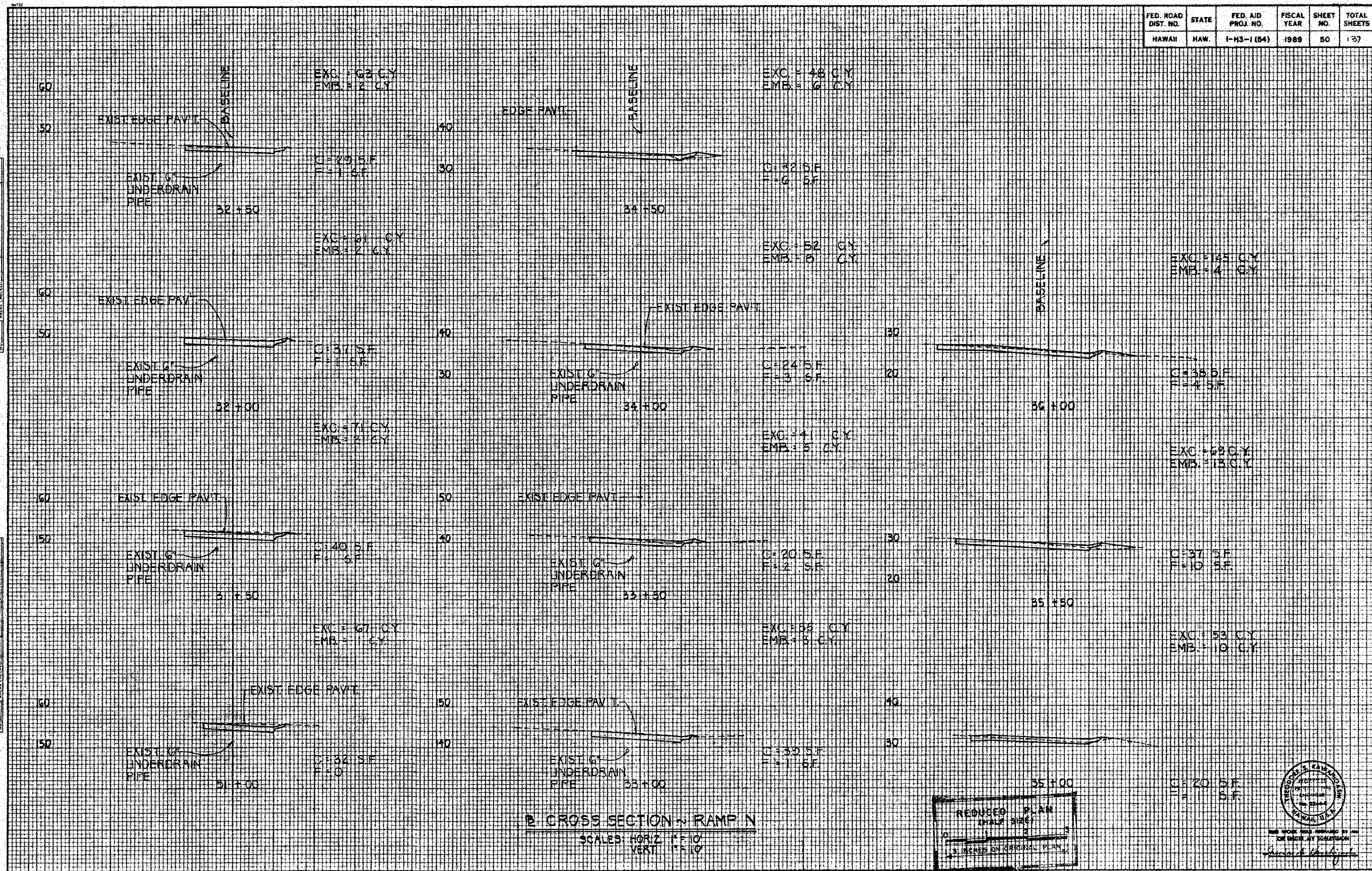


THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Walter A. [Signature]

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1 (54)	1989	50	137

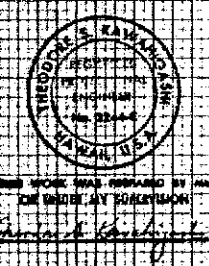
FINAL SURVEY	NO. 1
NO. 2	
NO. 3	
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NO. 92	
NO. 93	
NO. 94	
NO. 95	
NO. 96	
NO. 97	
NO. 98	
NO. 99	
NO. 100	

ORIGINAL SURVEY	NO. 1
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	
NO. 11	
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NO. 94	
NO. 95	
NO. 96	
NO. 97	
NO. 98	
NO. 99	
NO. 100	



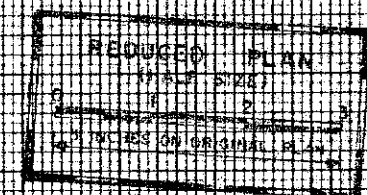
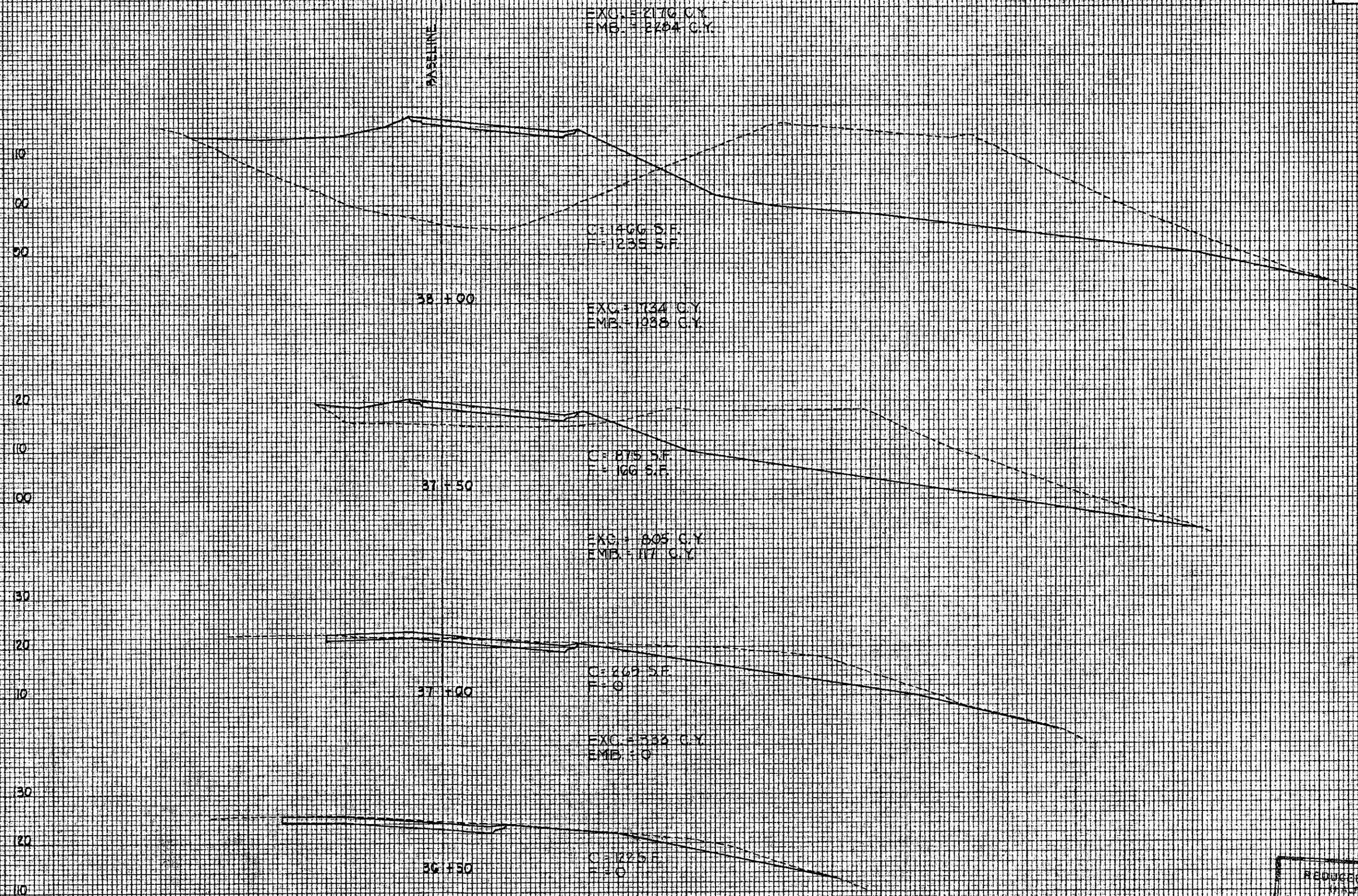
CROSS SECTION - RAMP N
 SCALES: HORIZ. 1" = 10'
 VERT. 1" = 10'

REDUCED PLAN
 (HALF SIZE)
 0 1 2 3
 3 INCHES ON ORIGINAL PLAN



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H3-1 (54)	1989	51	137

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

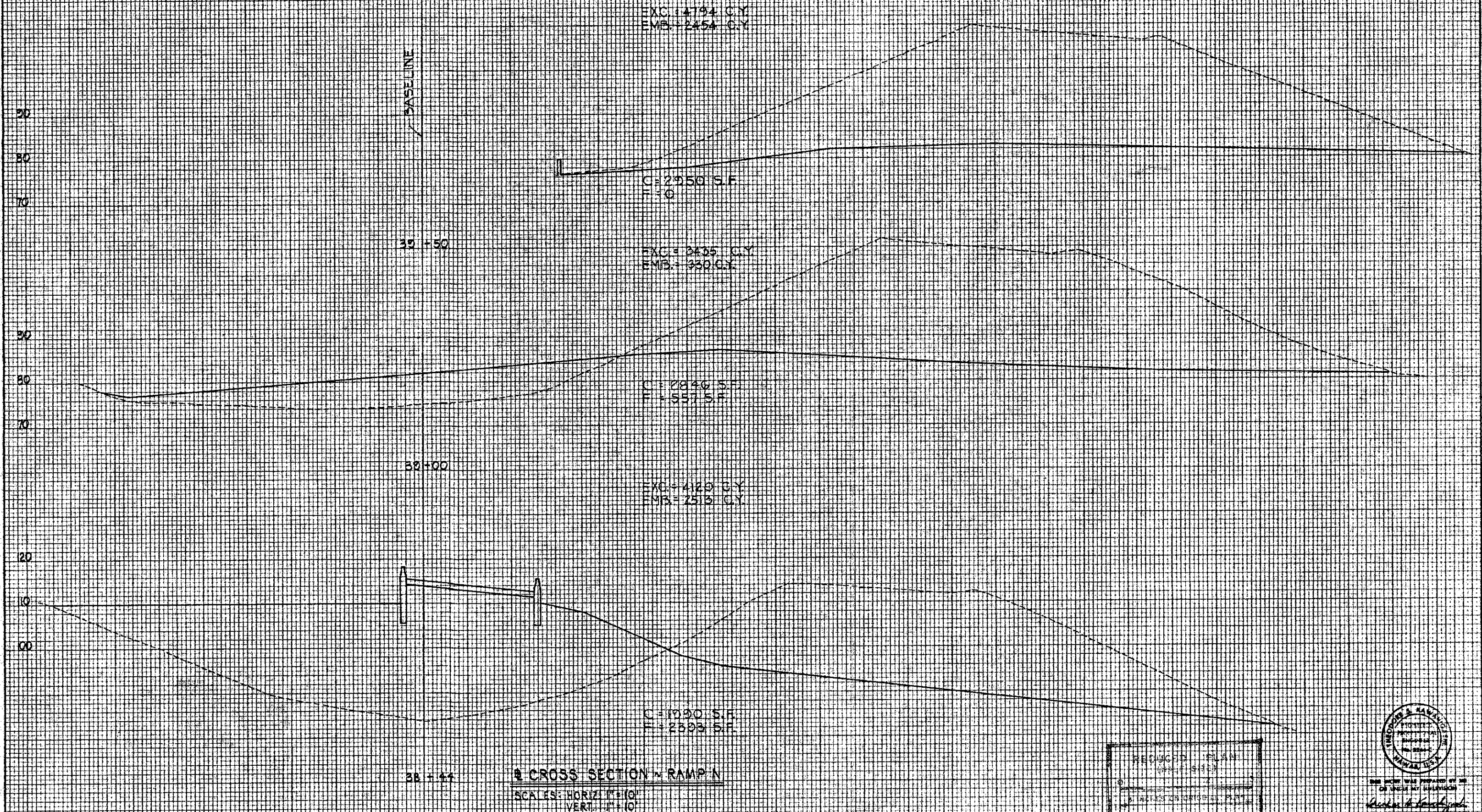


THIS WORK WAS PREPARED BY ME
ON UNDER MY SUPERVISION
George A. Kowalsky

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(54)	1988	52	137

FINAL SURVEY	SUBMITTED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPERATURE		
	AREAS		
	AREAS CHANGED		

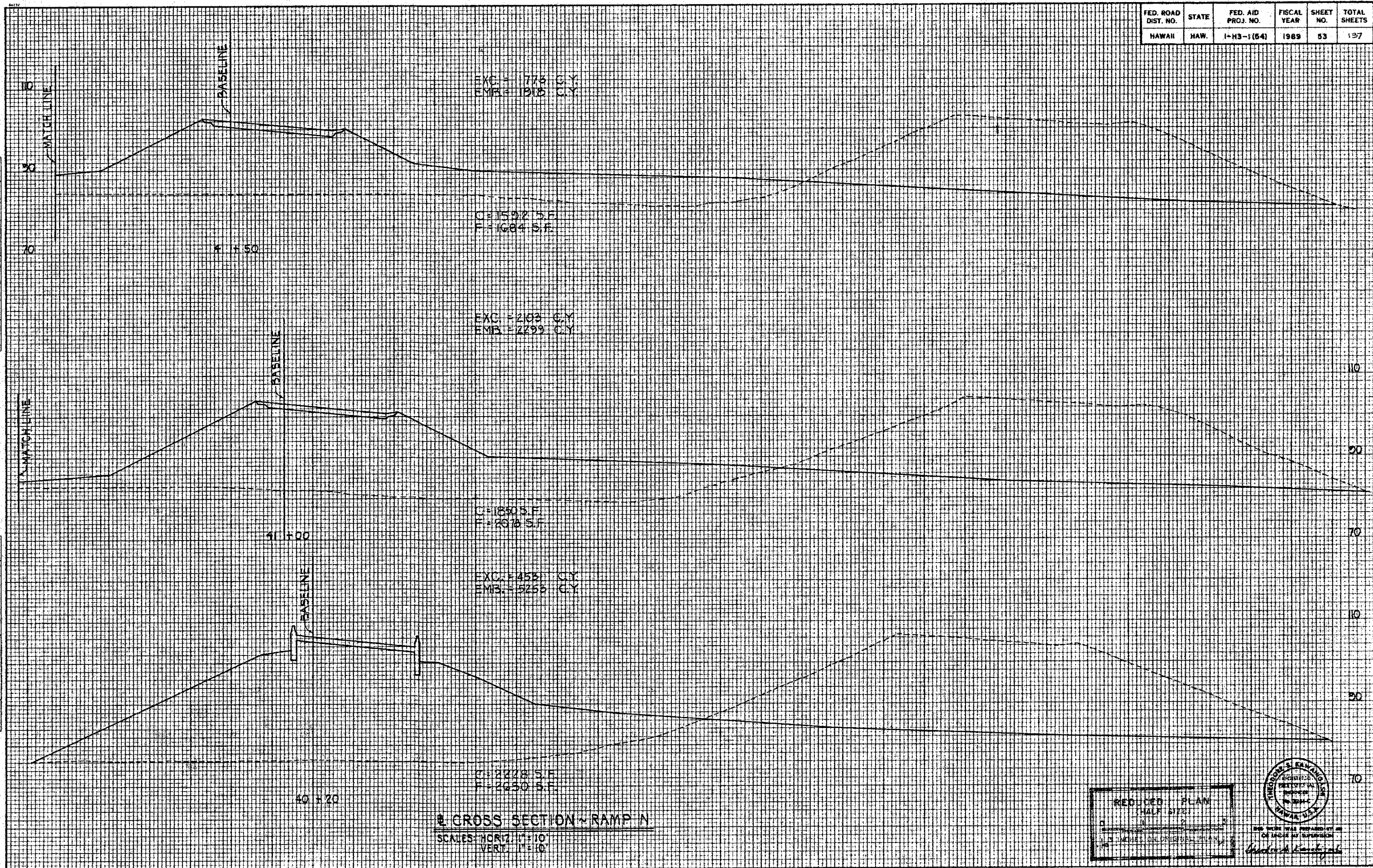
ORIGINAL SURVEY		87.	Date:
NOTE BOOK	SURVIVED		
	PLOTTE		
	TEMPERATURE		
	AREA		
	AREA CALCULATED		



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H3-1(54)	1989	53	127

FINAL SURVEY	DATE
SURVEYED	BT
NOTE BOOK	
NO.	

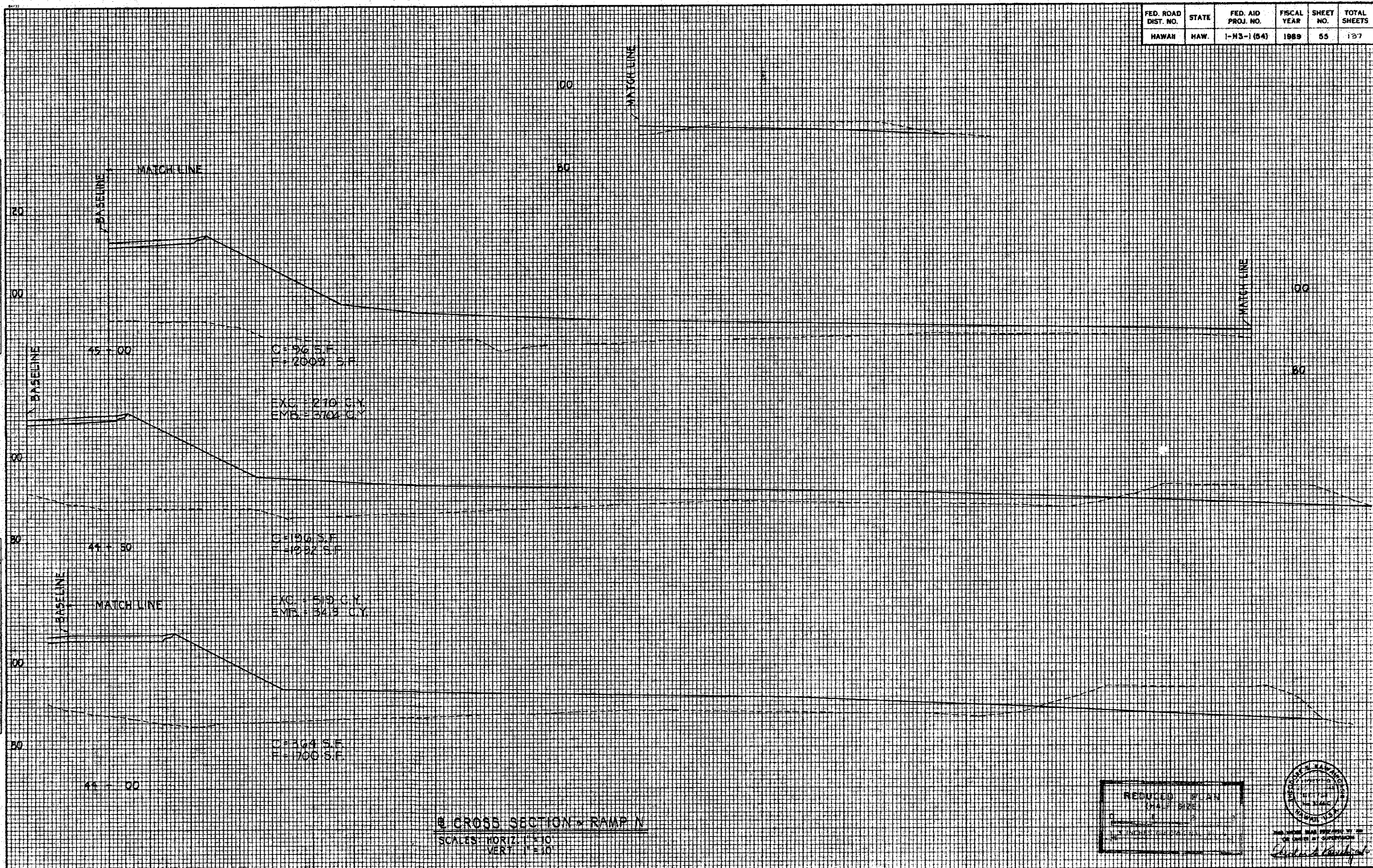
ORIGINAL SURVEY	DATE
SURVEYED	BT
NOTE BOOK	
NO.	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H3-1 (54)	1989	55	137

FINAL SURVEY	DATE
SURVEY	
NOTED	
NO. BOOK	
NO.	

ORIGINAL SURVEY	DATE
SURVEY	
NOTED	
NO. BOOK	
NO.	



CROSS SECTION - RAMP N
 SCALES: HORIZ. 1" = 10'
 VERT. 1" = 10'

REDUCED PLAN
 (HALF SIZE)
 1" = 10'

