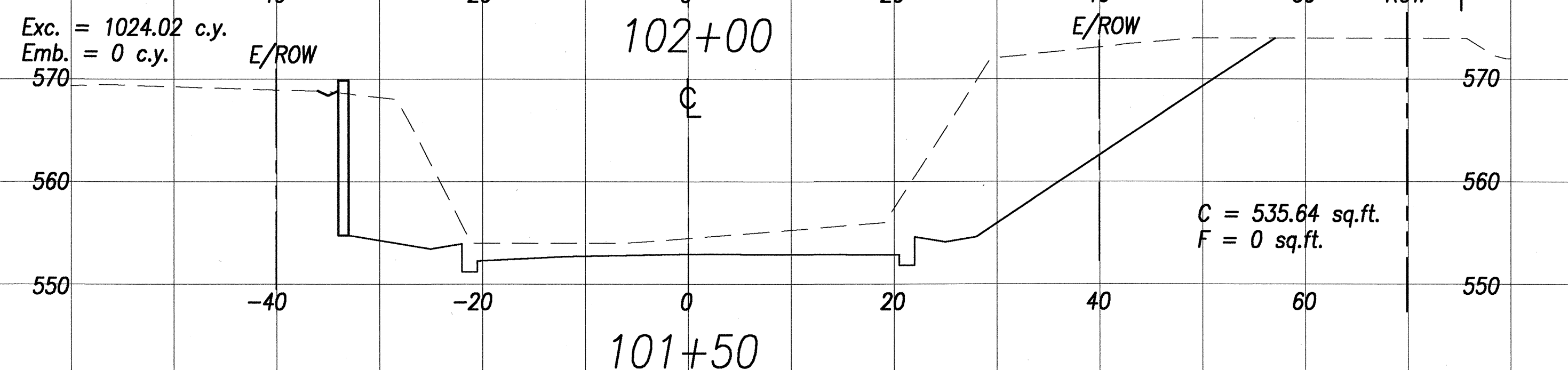
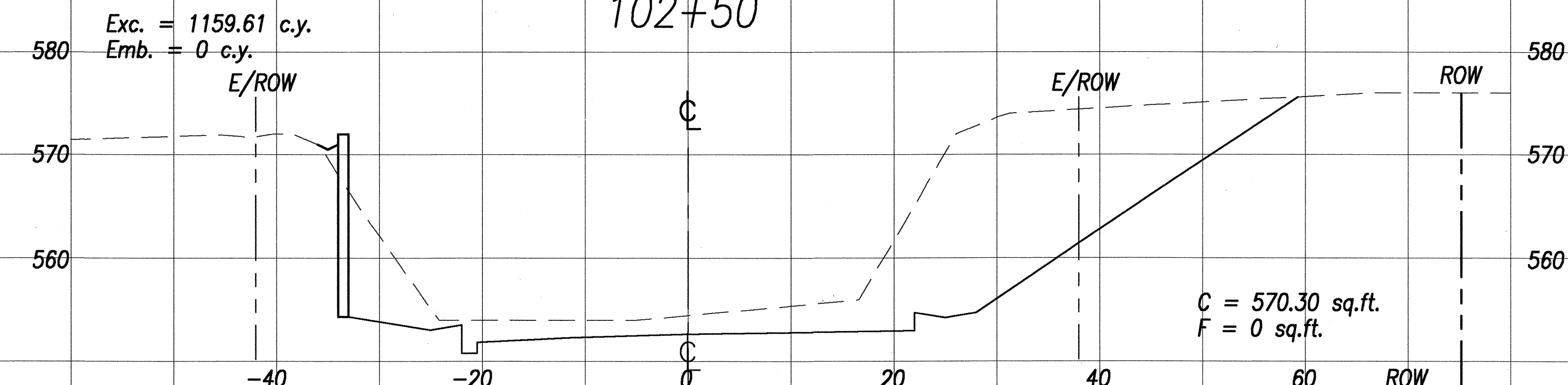
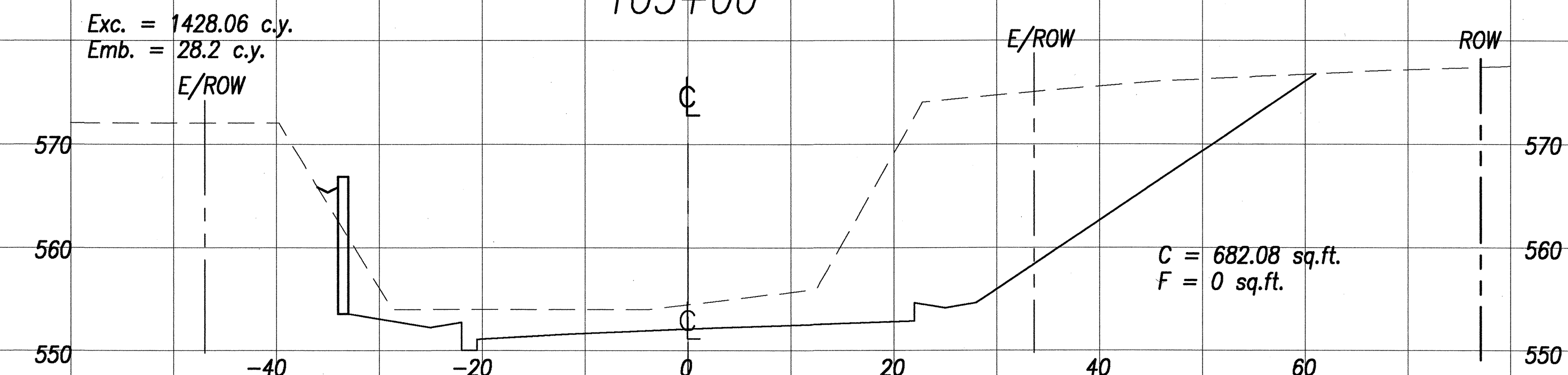
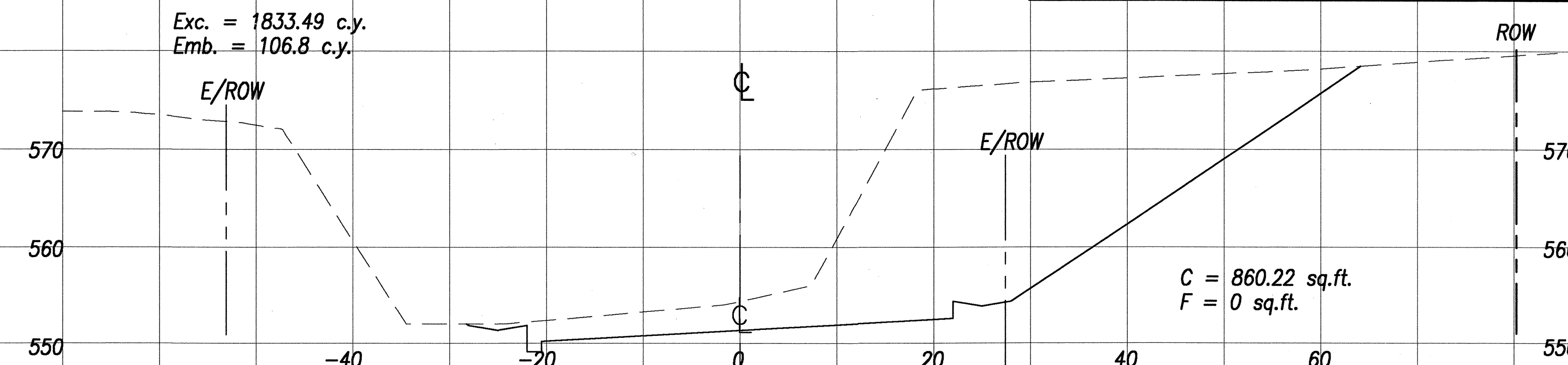
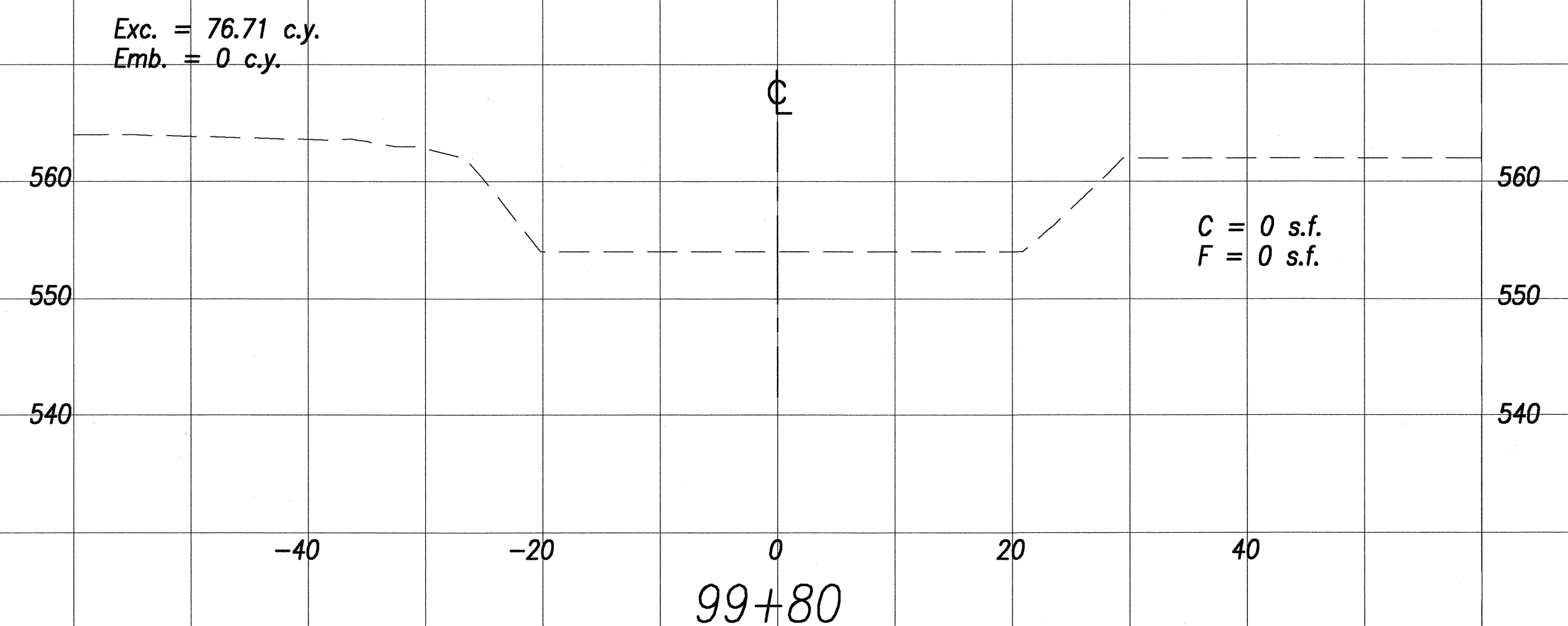
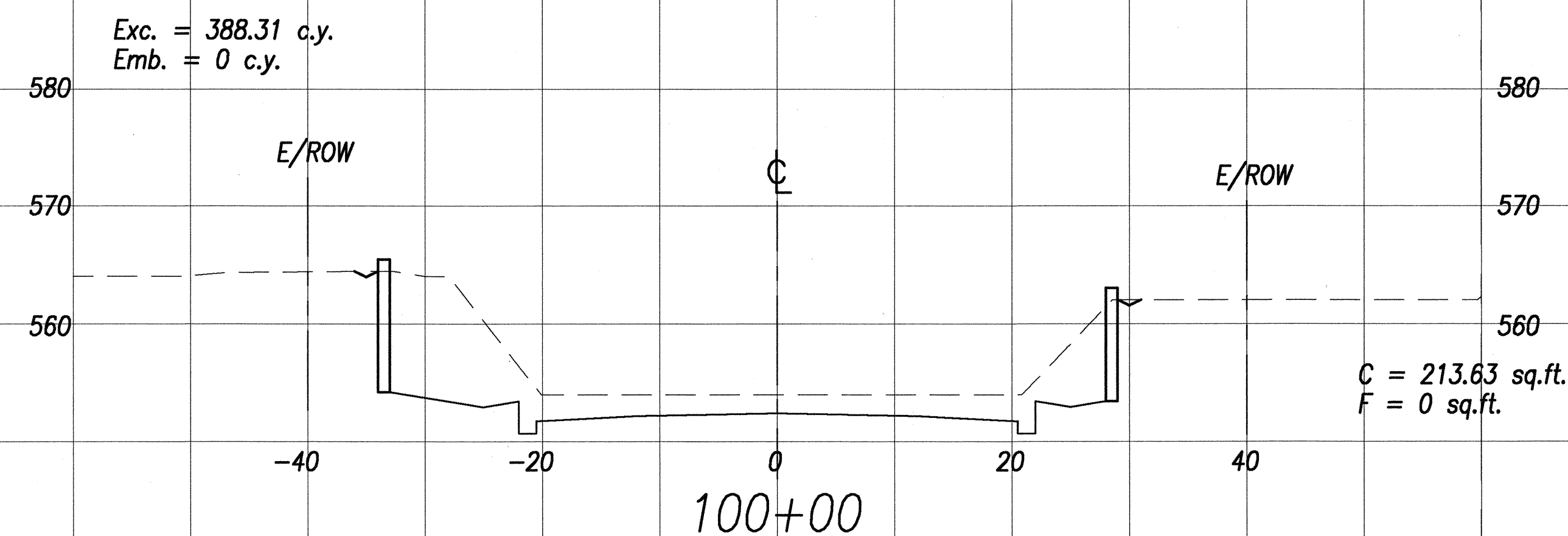
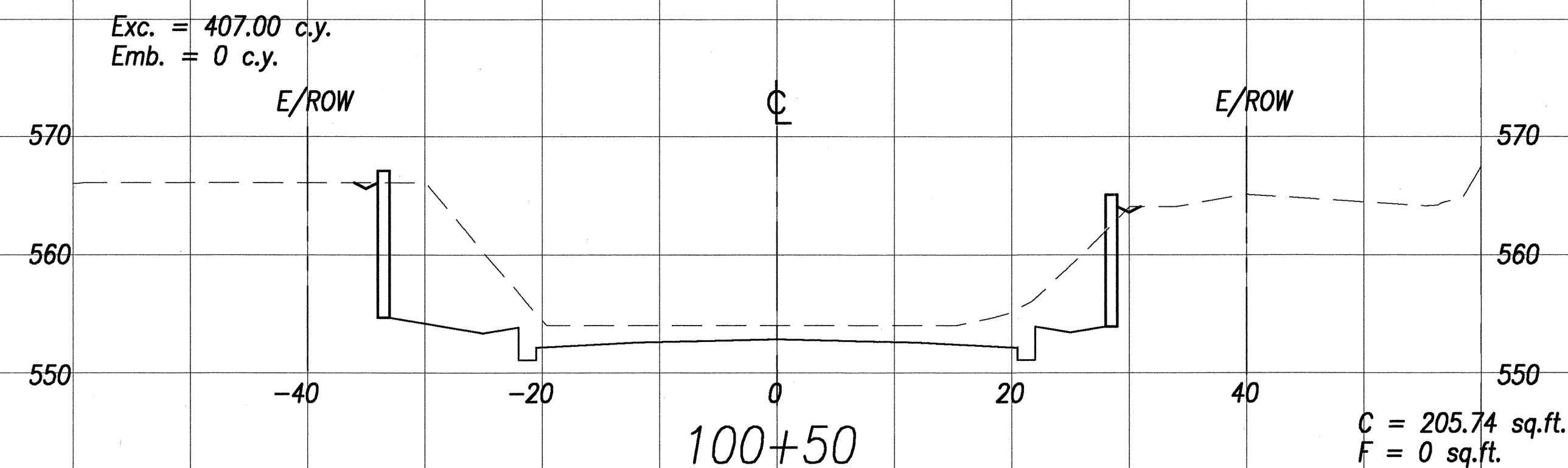
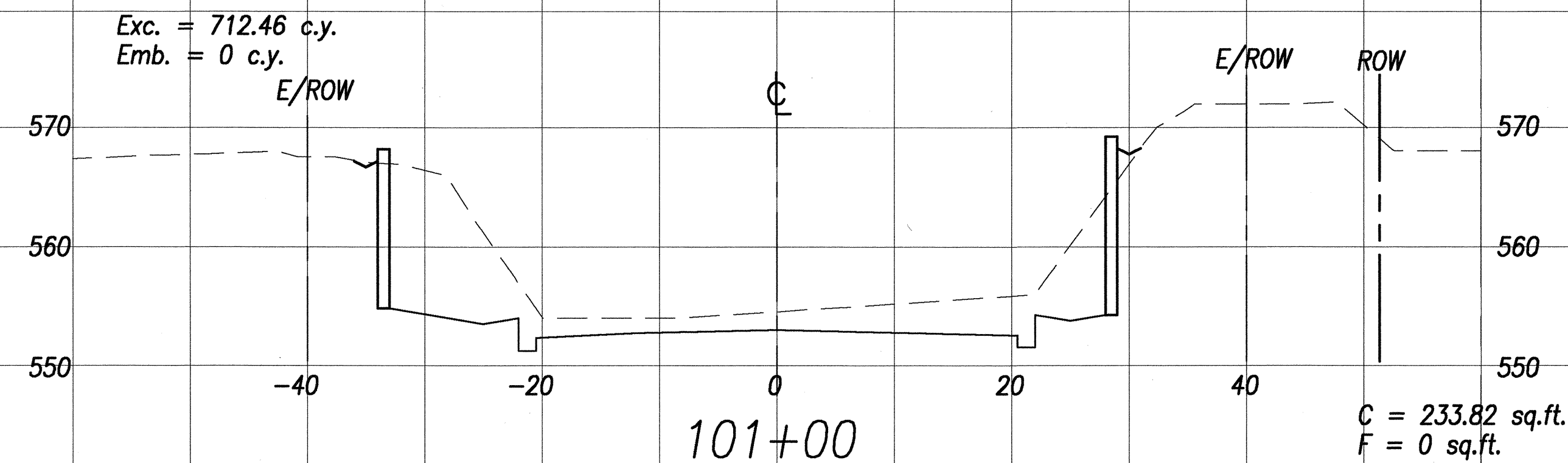
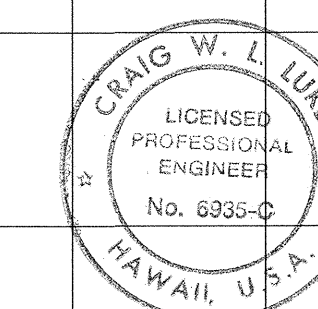


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	34	89



DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
No.	_____



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *[Signature]* Date: *[Date]*

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HANA HIGHWAY CROSS SECTIONS
(STA. 99+80 TO STA. 103+00)

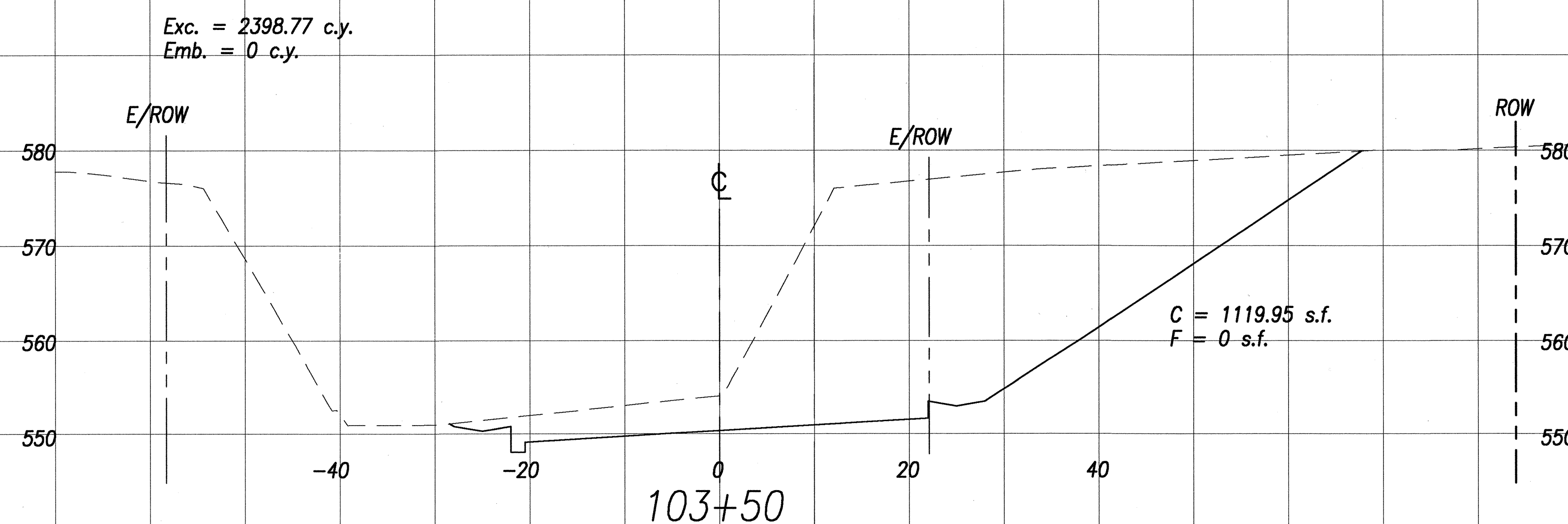
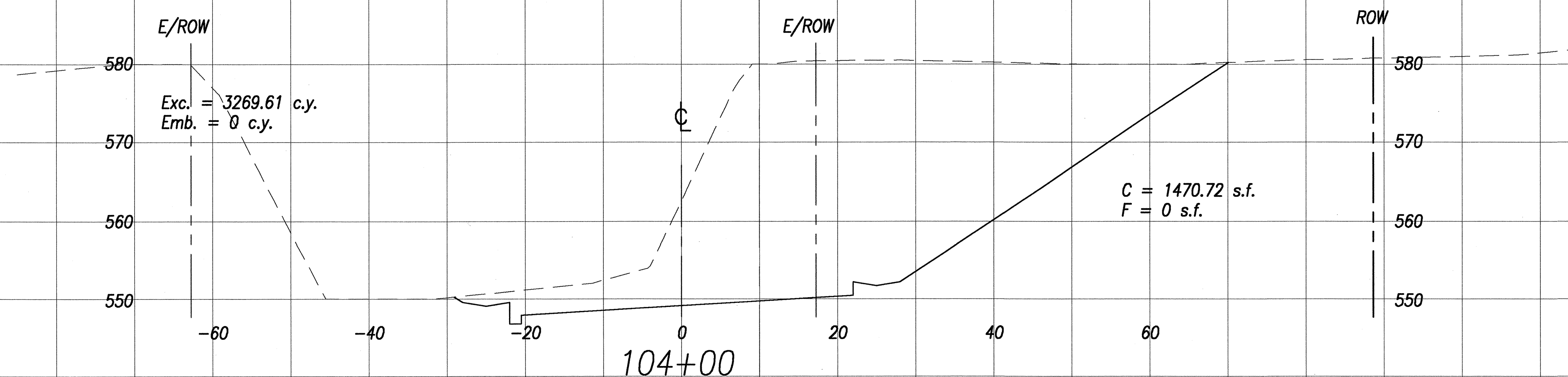
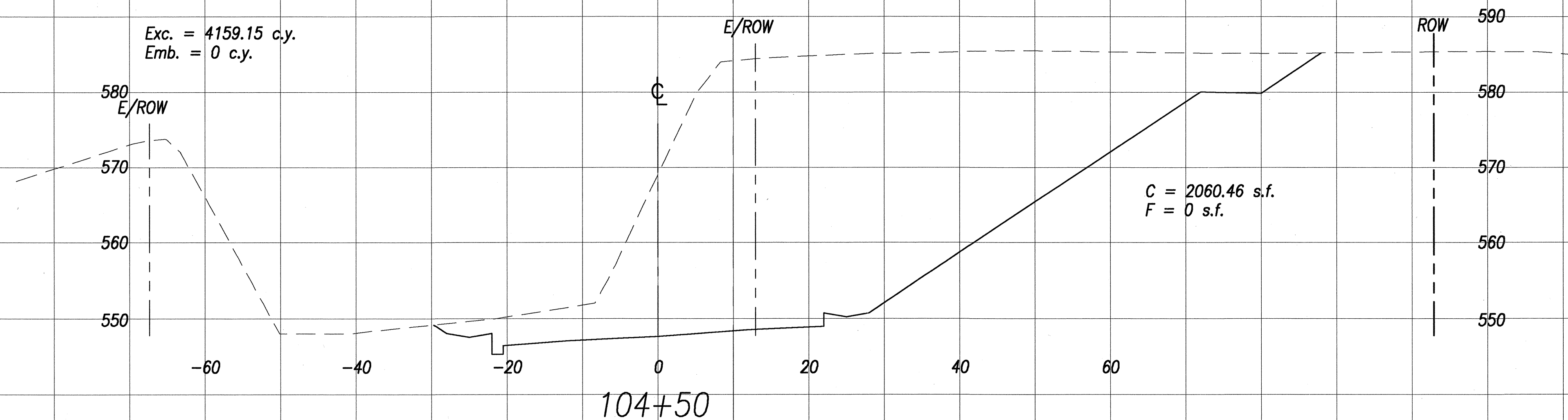
HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES

F.A.P. Proj. No. BR-036-1(15)

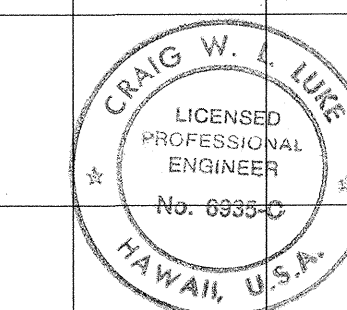
Scale: 1" = 10' Date: June 30, 2000

SHEET No. C-32 OF 89 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	35	89



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**HANA HIGHWAY CROSS SECTIONS
(STA. 103+50 TO STA. 104+50)**

HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES

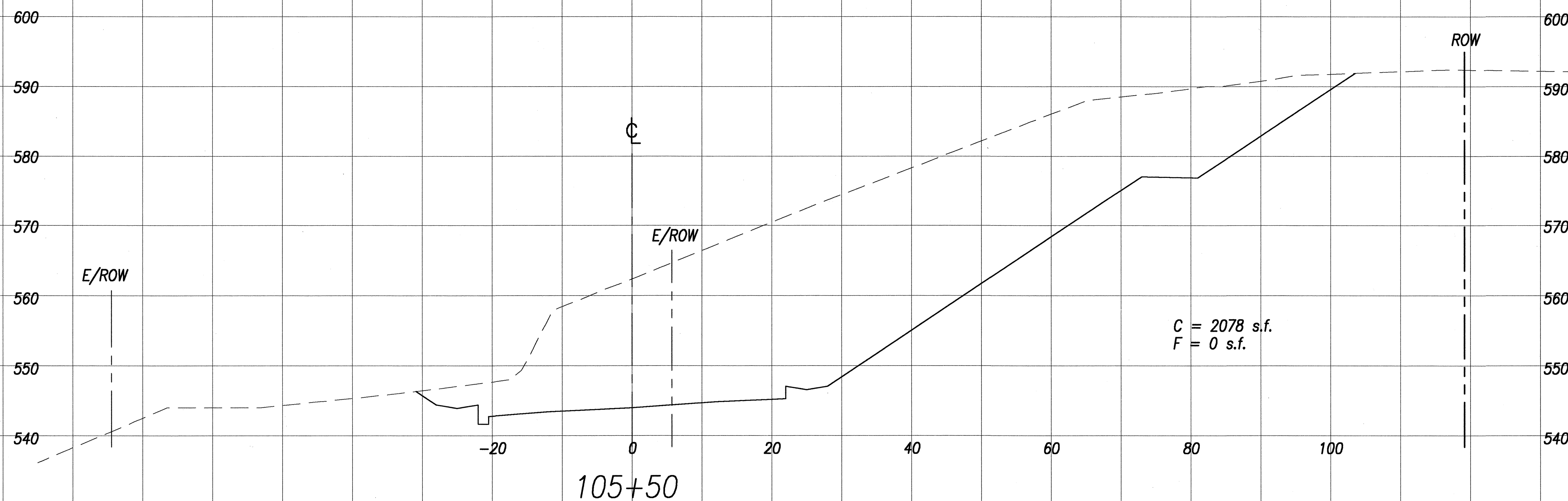
F.A.P. Proj. No. BR-036-1(15)

Scale: 1" = 10' Date: June 30, 2000

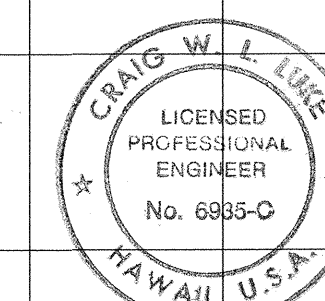
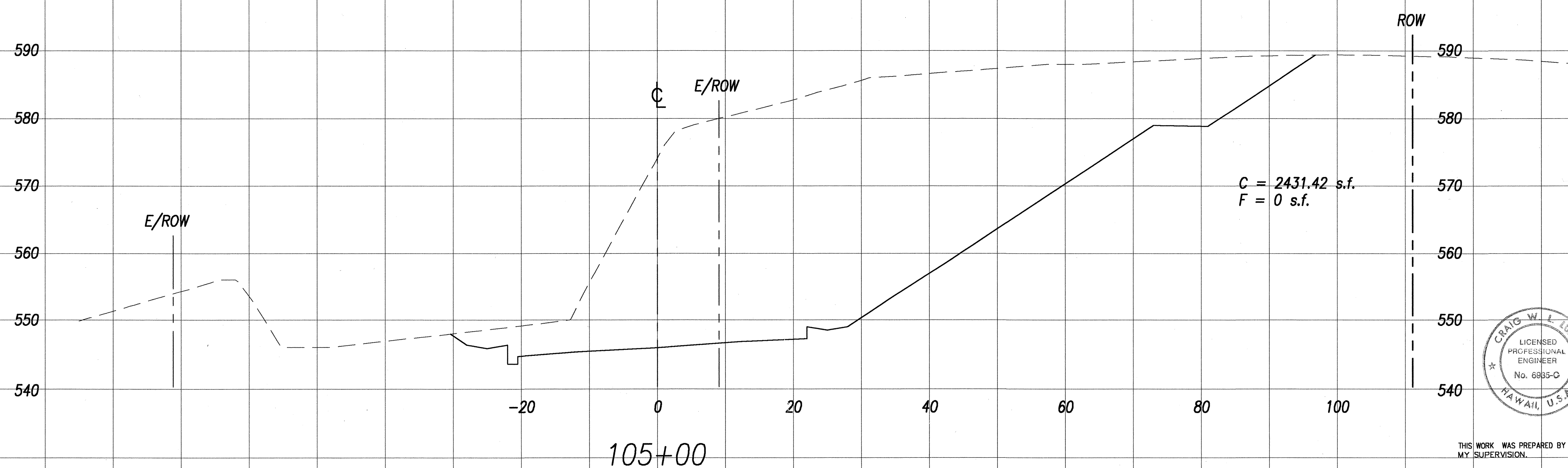
SHEET No. C-33 OF 89 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	36	89

Exc. = 3511.49 c.y.
Emb. = 0 c.y.



Exc. = 4175.39 c.y.
Emb. = 0 c.y.



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Signature: *Craig W. Luke* Date: 7/2/00

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HANA HIGHWAY CROSS SECTIONS
(STA. 105+00 TO STA. 105+50)

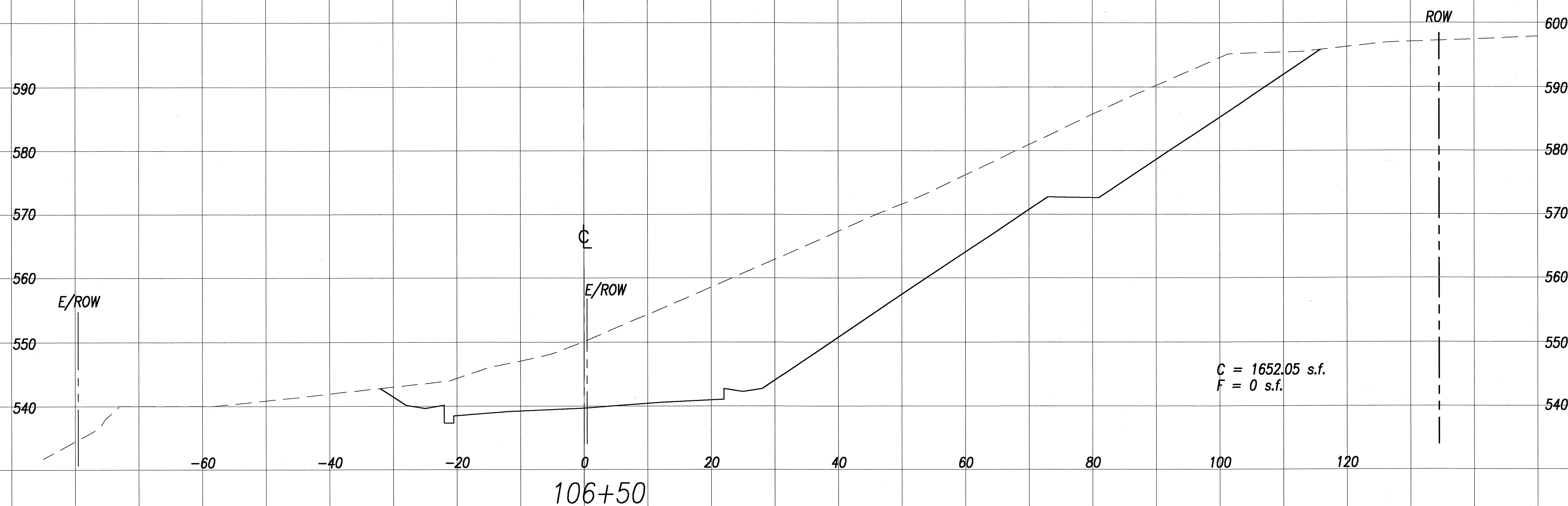
HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES
F.A.P. Proj. No. BR-036-1(15)

Scale: 1" = 10' Date: June 30, 2000

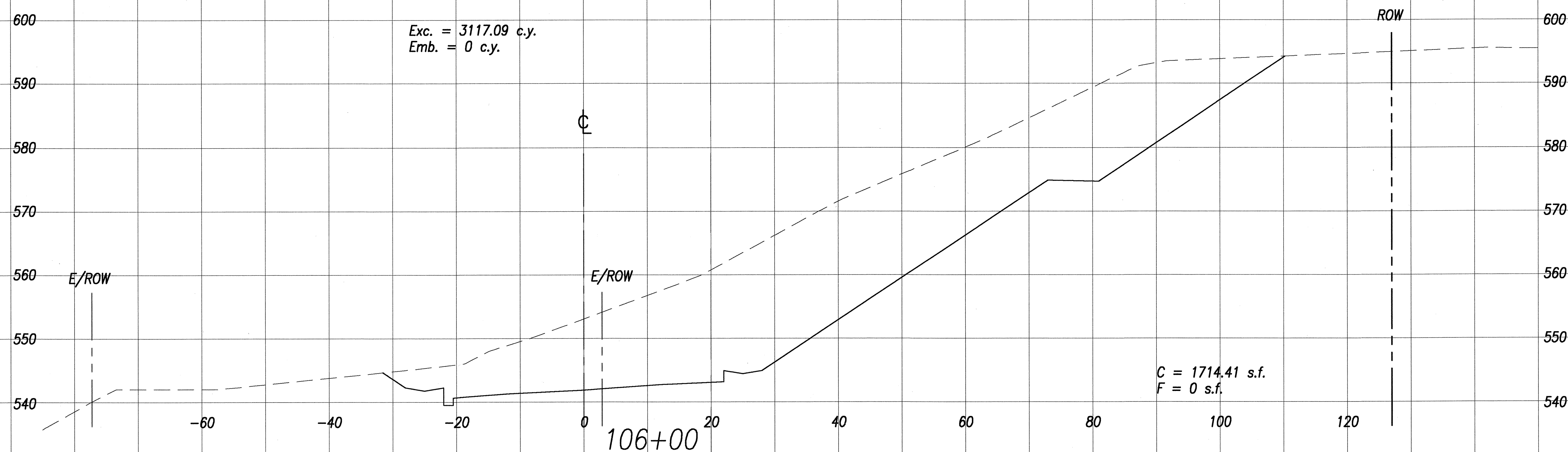
SHEET No. C-34 OF 89 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	37	89

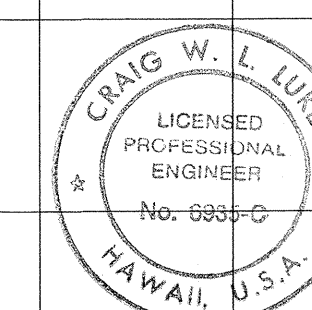
Exc. = 2580.47 c.y.
Emb. = 0 c.y.



Exc. = 3117.09 c.y.
Emb. = 0 c.y.



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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *[Signature]* DATE: 7/10/00

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**HANA HIGHWAY CROSS SECTIONS
(STA. 106+00 TO STA. 106+50)**

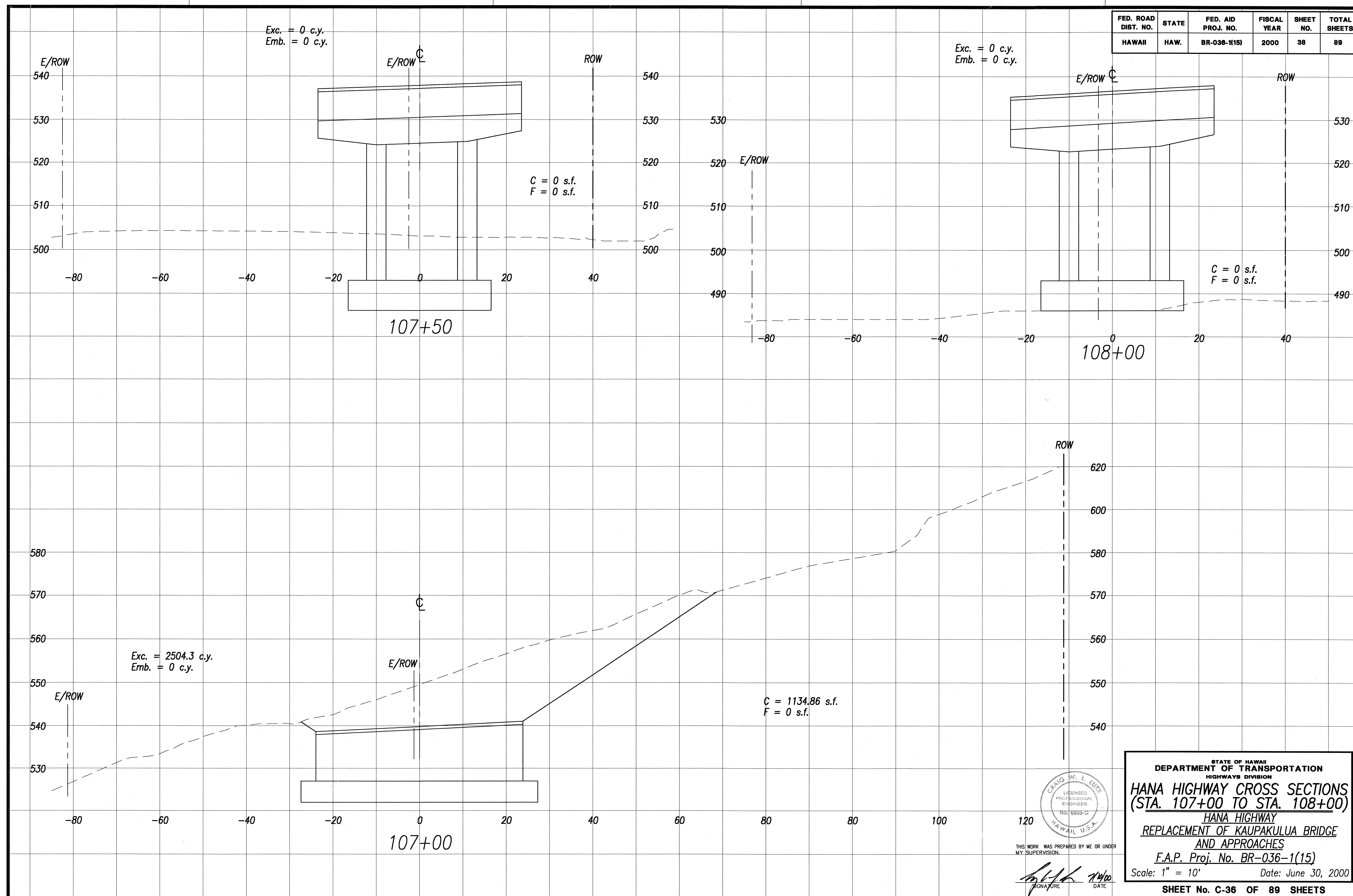
HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES

F.A.P. Proj. No. BR-036-1(15)

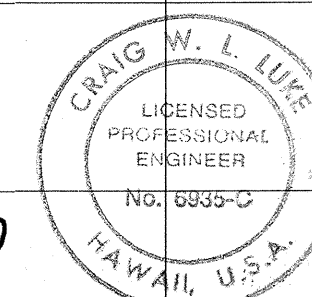
Scale: 1" = 10' Date: June 30, 2000

SHEET No. C-35 OF 89 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	38	89



DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
NOTED BY	_____
NO.	_____



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature] 7/10/00
DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HANA HIGHWAY CROSS SECTIONS
(STA. 107+00 TO STA. 108+00)

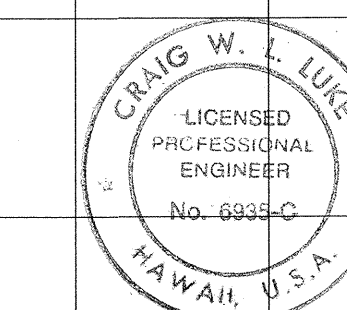
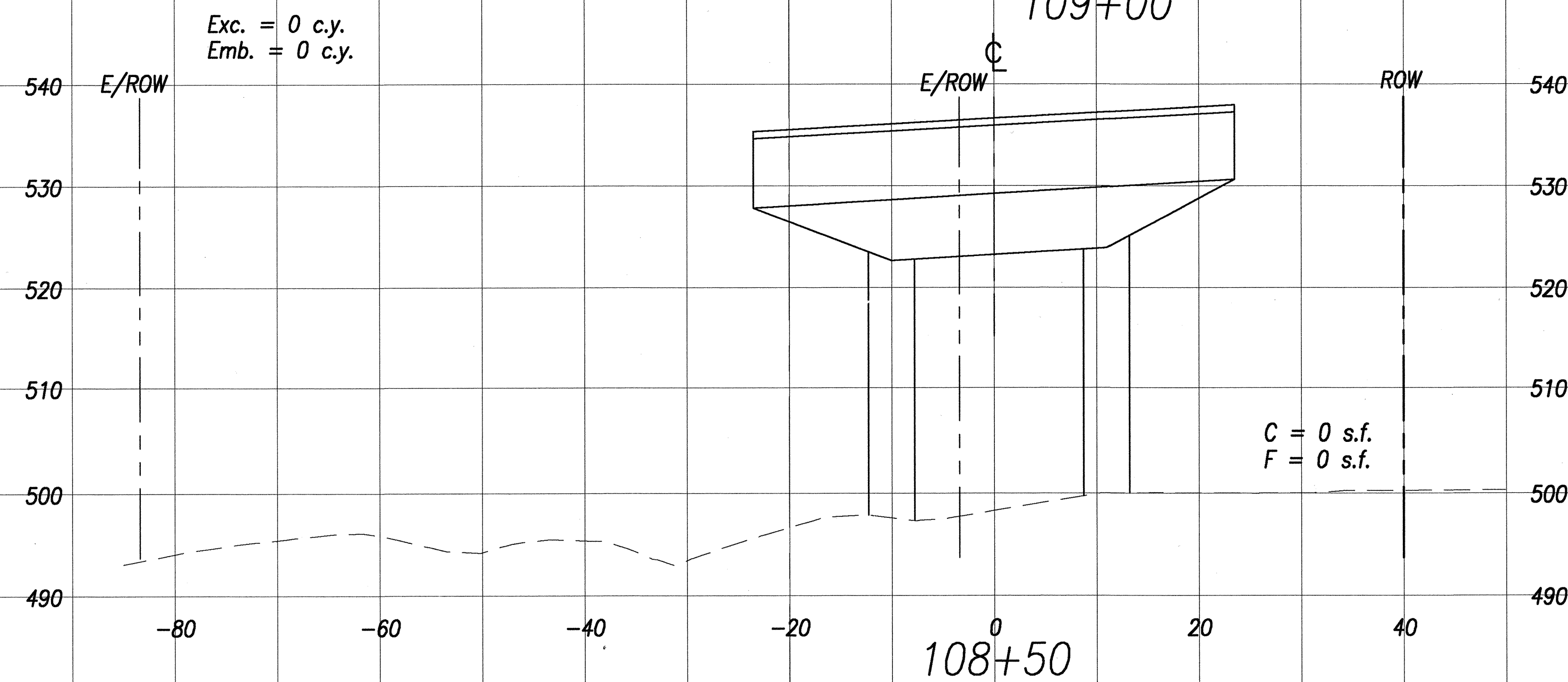
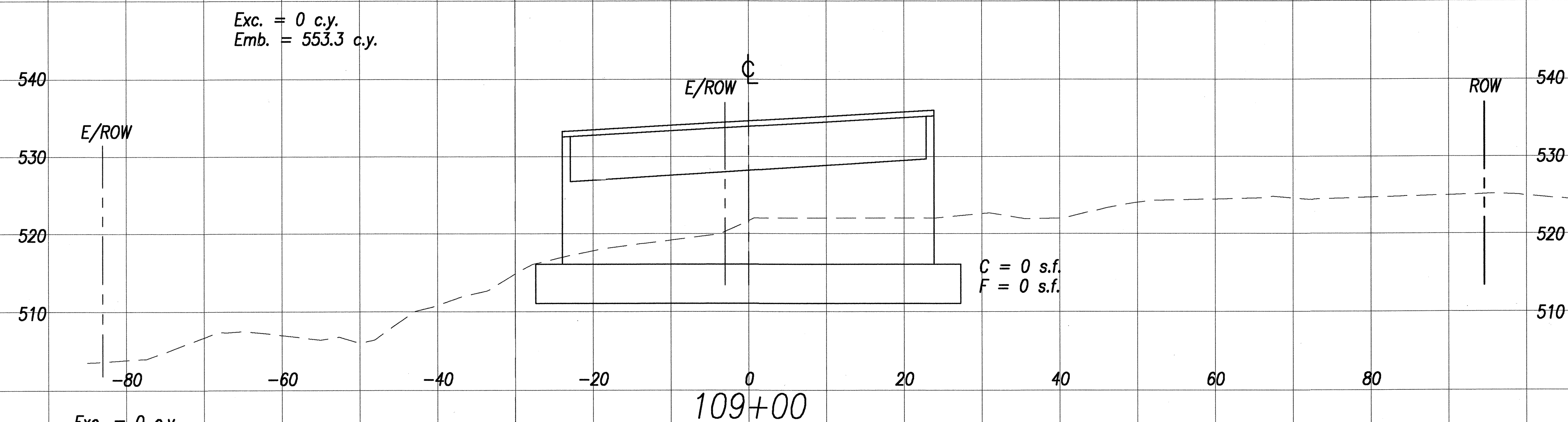
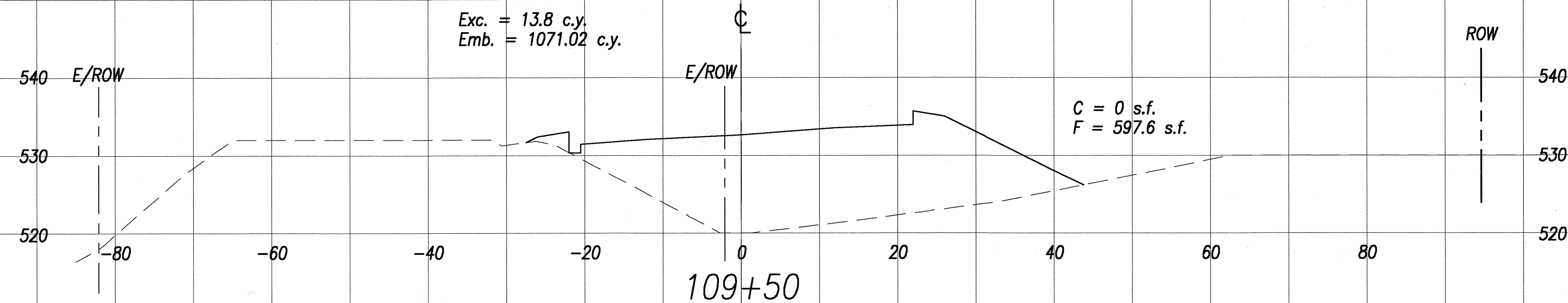
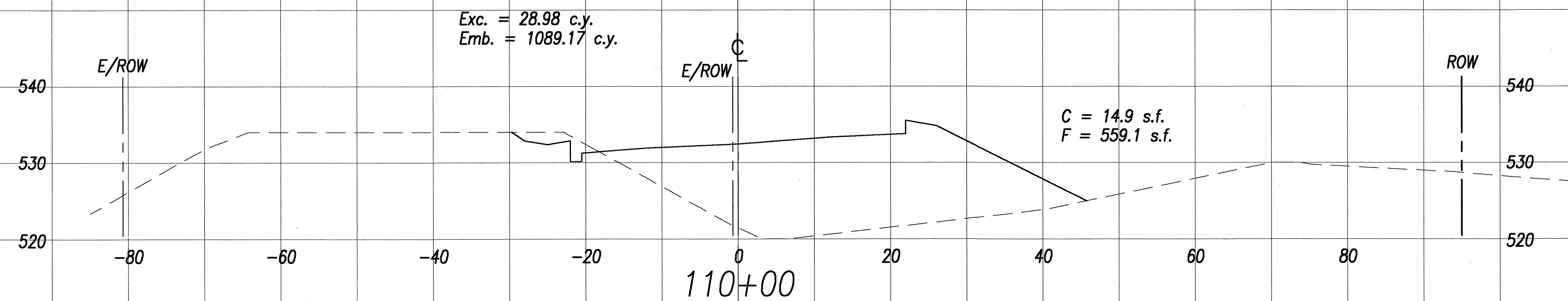
HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES

F.A.P. Proj. No. BR-036-1(15)

Scale: 1" = 10' Date: June 30, 2000

SHEET No. C-36 OF 89 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	39	89



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DATE 10/26/00

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HANA HIGHWAY CROSS SECTIONS
(STA. 108+50 TO STA. 110+00)

HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES

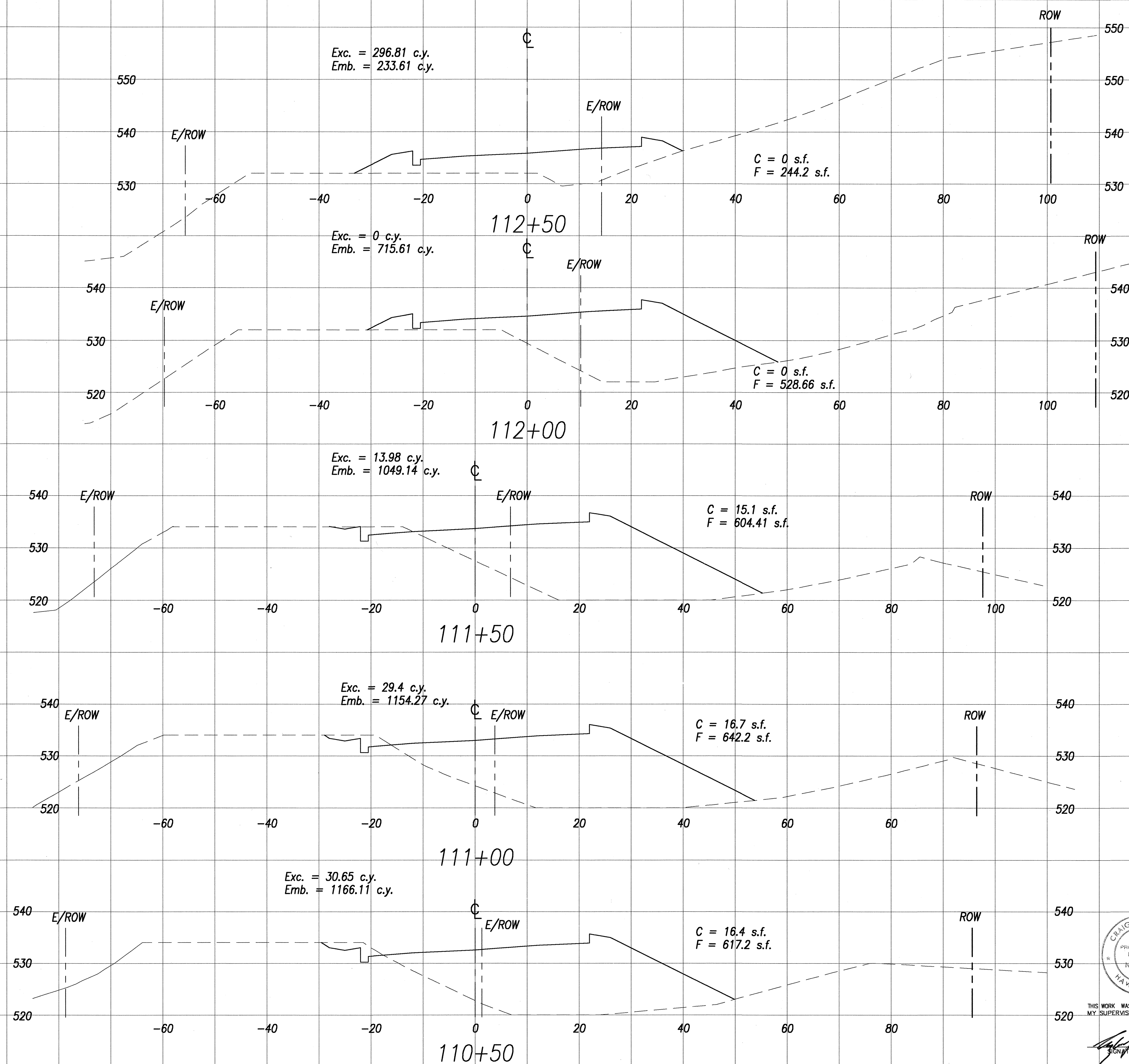
F.A.P. Proj. No. BR-036-1(15)

Scale: 1" = 10' Date: June 30, 2000

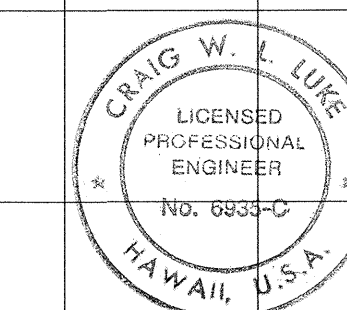
SHEET No. C-37 OF 89 SHEETS

ORIGINAL PLAN	DATE
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. 14	
NO. 15	
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NO. 93	
NO. 94	
NO. 95	
NO. 96	
NO. 97	
NO. 98	
NO. 99	
NO. 100	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	40	89



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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *[Signature]* DATE: *7/2/00*

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HANA HIGHWAY CROSS SECTIONS
(STA. 110+50 TO STA. 112+50)

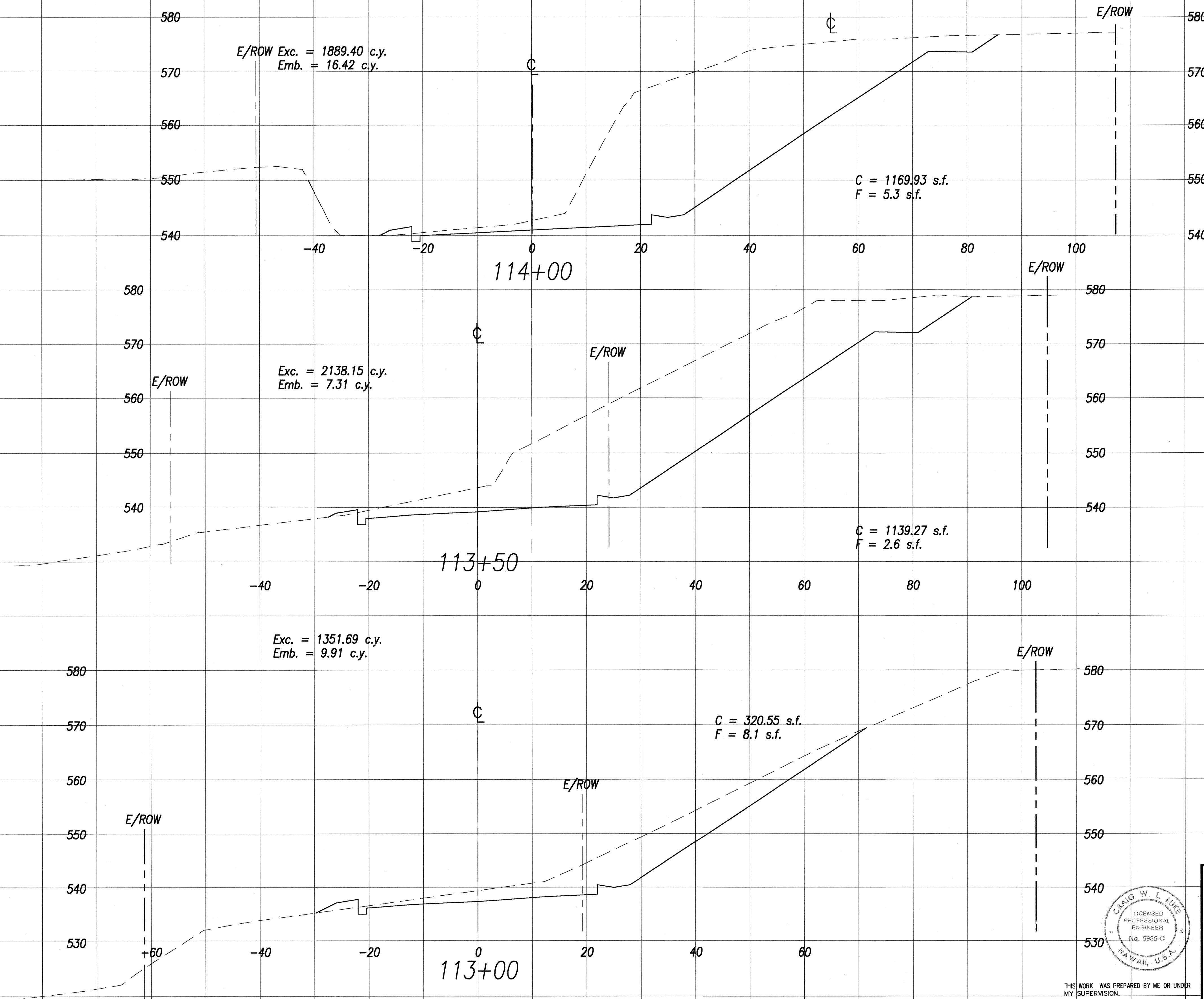
HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES

F.A.P. Proj. No. BR-036-1(15)

Scale: 1" = 10' Date: June 30, 2000

SHEET No. C-38 OF 89 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	41	89



DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
No.	_____

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Craig W. L. Lue
 LICENSED PROFESSIONAL ENGINEER
 No. 6835-C
 HAWAII, U.S.A.

DATE: June 30, 2000

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**HANA HIGHWAY CROSS SECTIONS
 (STA. 113+000 TO STA. 114+00)**

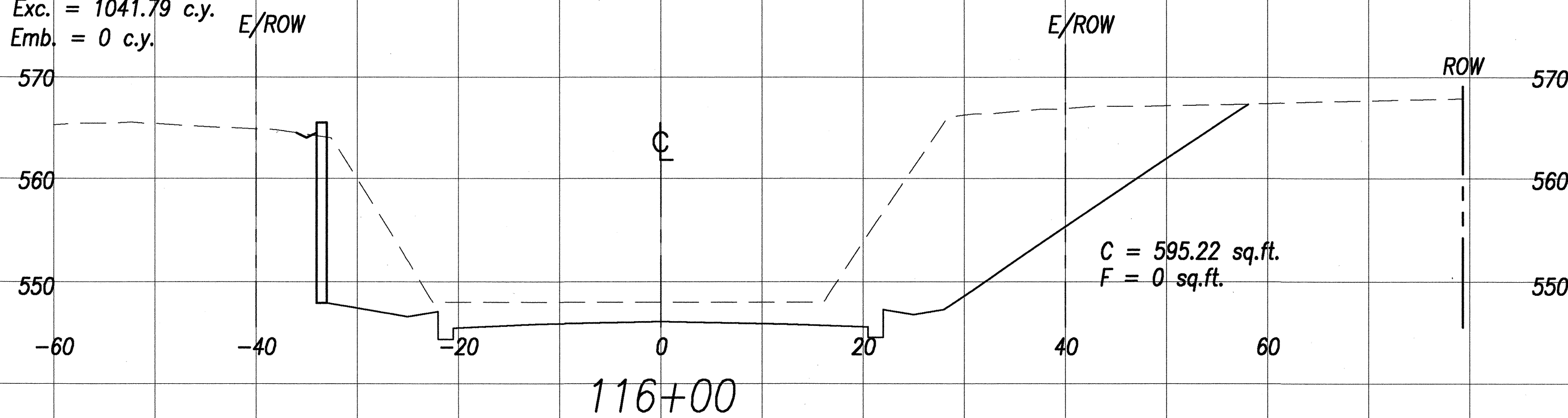
HANA HIGHWAY
 REPLACEMENT OF KAUPAKULUA BRIDGE
 AND APPROACHES

F.A.P. Proj. No. BR-036-1(15)
 Scale: 1" = 10' Date: June 30, 2000

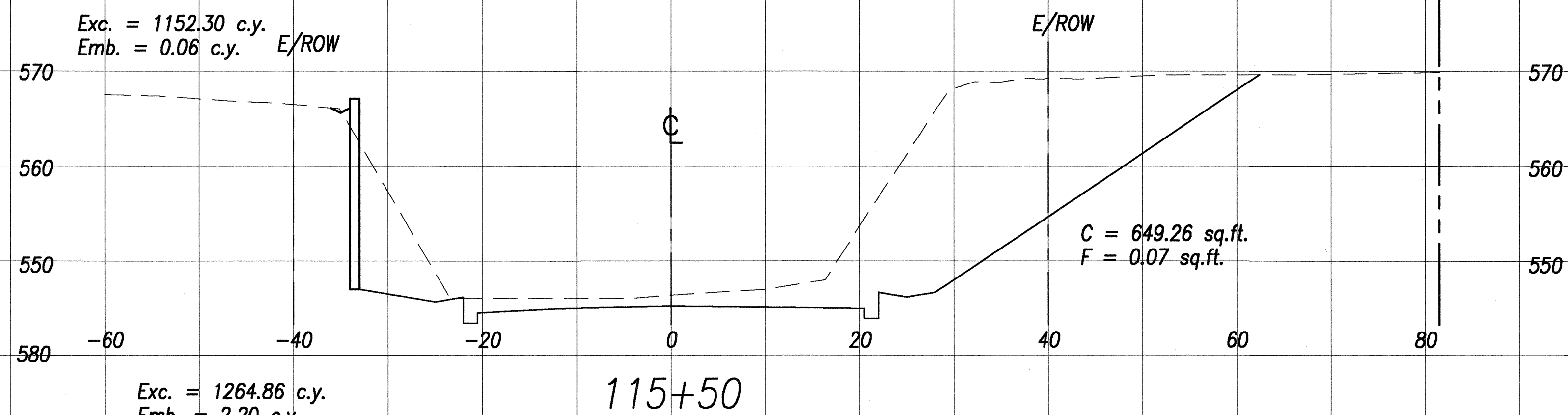
SHEET No. C-39 OF 89 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	42	89

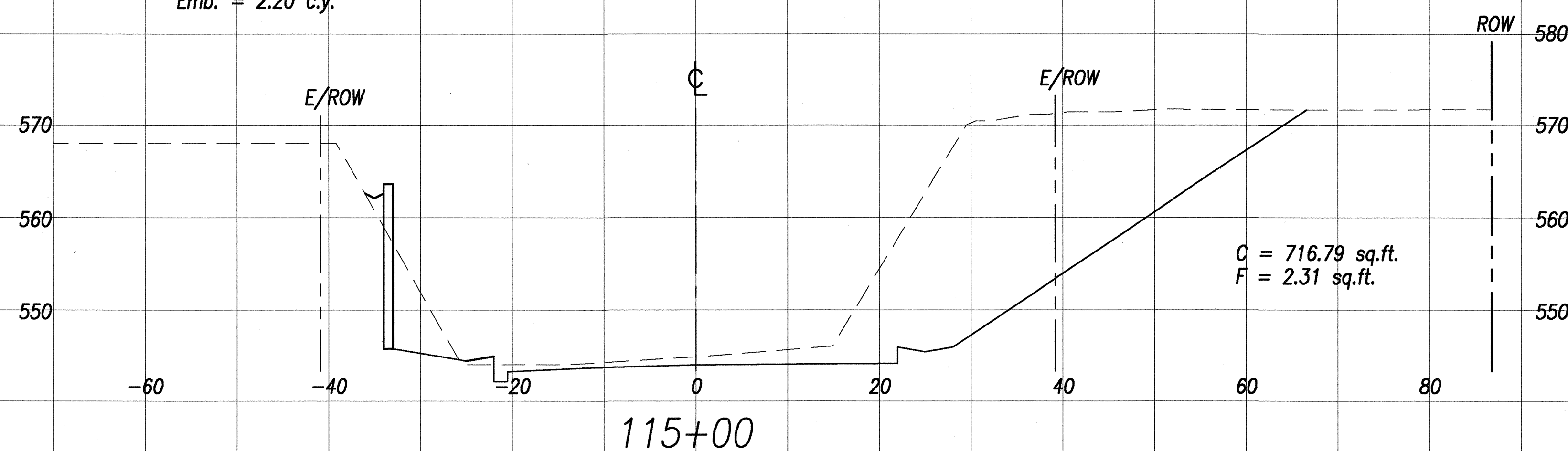
Exc. = 1041.79 c.y.
Emb. = 0 c.y.



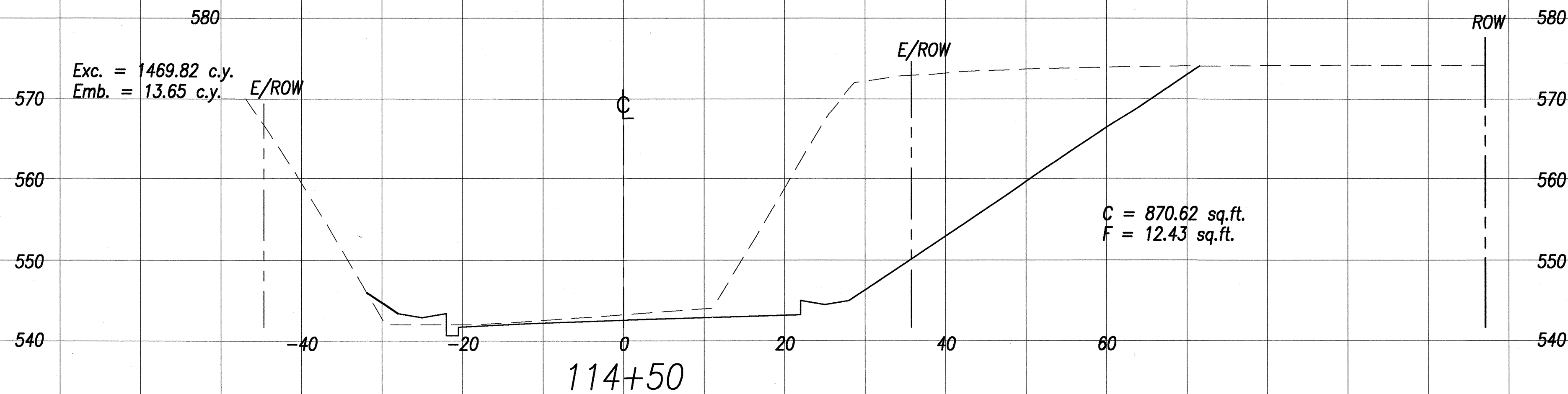
Exc. = 1152.30 c.y.
Emb. = 0.06 c.y.



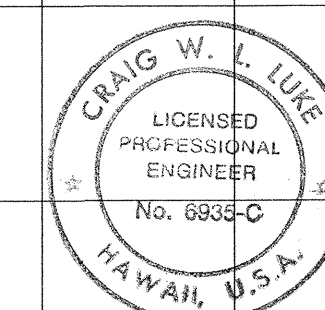
Exc. = 1264.86 c.y.
Emb. = 2.20 c.y.



Exc. = 1469.82 c.y.
Emb. = 13.65 c.y.



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



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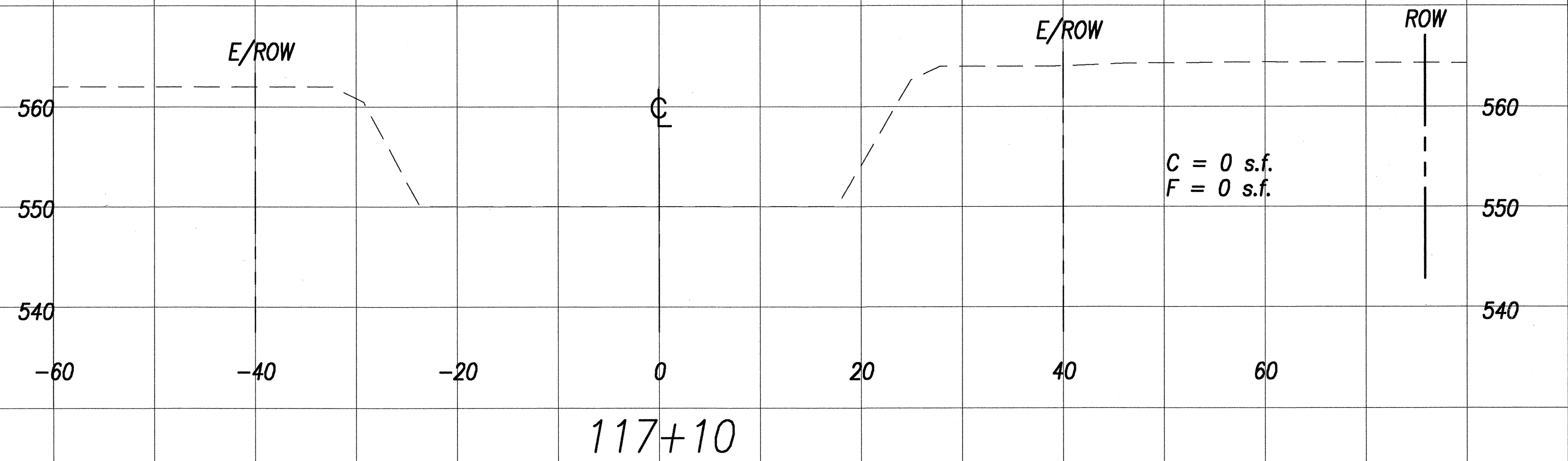
SIGNATURE DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HANA HIGHWAY CROSS SECTIONS
(STA. 114+50 TO STA. 116+00)
HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES
F.A.P. Proj. No. BR-036-1(15)
Scale: 1" = 10' Date: June 30, 2000
SHEET No. C-40 OF 89 SHEETS

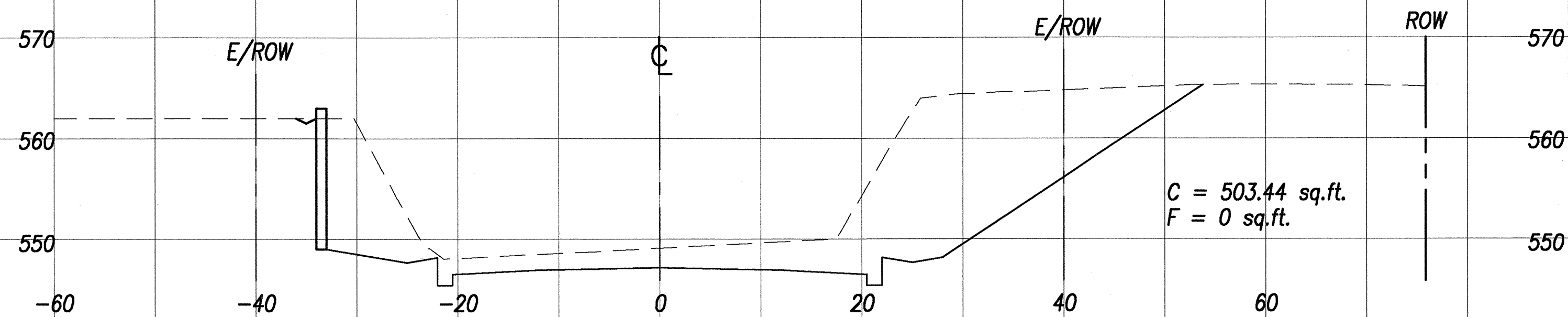
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	43	89

EARTHWORK SUMMARY

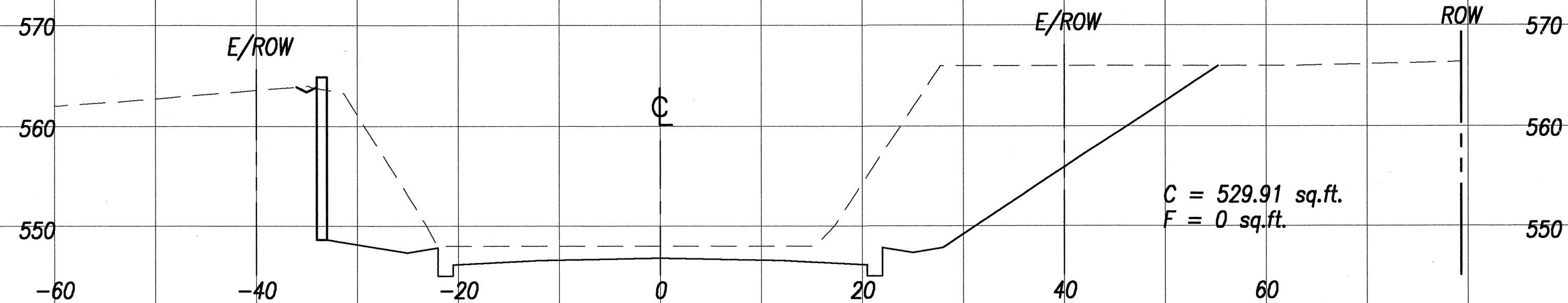
Excavation = 43,365 C.Y.
Embankment = 7,085 C.Y.



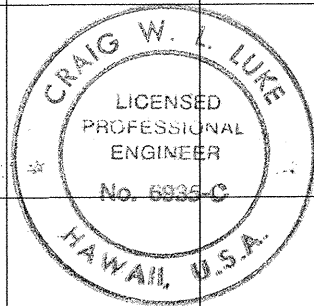
Exc. = 466.15 c.y.
Emb. = 0 c.y.



Exc. = 956.81 c.y.
Emb. = 0 c.y.



DATE	____
SURVEY PLOTTED BY	____
DESIGNED BY	____
TRACED BY	____
NOTED BY	____
CHECKED BY	____
ORIGINAL PLAN	____
NOTE BOOK	____
No.	____



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SIGNATURE DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HANA HIGHWAY CROSS SECTIONS
(STA. 116+50 TO STA. 117+10)
HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES
F.A.P. Proj. No. BR-036-1(15)
Scale: 1" = 10' Date: June 30, 2000

SHEET No. C-41 OF 89 SHEETS