

Note:
Install wood guard rail with concrete bases as shown. Quantities included in estimate given on plan & profile sheet.

E.P. Curve Data
 $\Delta = 114^\circ 41' 00''$
 $R = 30.00'$
 $T = 46.80'$
 $L_c = 54.81'$
 $C = 50.51'$

Construct easy riding connection to existing pavement.

TYPICAL SECTION OF DRAIN DITCH
 AT STA. 1+50
 Scale $\frac{1}{4}" = 1'-0"$
 (To be paid for under DITCH & CHANNEL EXC.)

TYPICAL SECTION OF DRAIN DITCH
 AT STA. 3+50
 Scale $\frac{1}{4}" = 1'-0"$

Sta. 0+97 to Sta. 2+22 Left Side
 Excavate drain ditch as shown.
 Quantities included in Ditch & Channel Exc.
 See typical section this sheet

E.P. Curve Data
 $\Delta = 68^\circ 03'$
 $R = 30.00'$
 $T = 20.25'$
 $L_c = 35.63'$

Sta. 2+22 to Sta. 3+97 Left Side
 Excavate drain ditch as shown.
 Quantities included in Roadway Exc.
 See typical section this sheet

Sta. 2+22
 Install 48" E.S.R.C.C.
 Pipe w/ Conc. Collars. 2 C.H.W.

STOP

E.P. Curve Data
 $\Delta = 90^\circ 00'$
 $R = 42.00'$
 $T = 42.00'$

E.P. Curve Data
 $\Delta = 41^\circ 00'$
 $R = 50.00'$
 $T = 18.69'$
 $L_c = 35.78'$

E.P. Curve Data
 $\Delta = 90^\circ 00'$
 $R = 42.00'$
 $T = 42.00'$

TYPICAL SECTION
 ALIOMANU ROAD CONNECTION
 Scale $\frac{1}{4}" = 1'-0"$

ESTIMATED QUANTITIES

Base Course	1162 +034 sy.	Excavation, Ditch & Channel	229 cy
Pavement	1112 -987 sy.	Embankment	4677 cy
A.C. Pavement Mix III	138.19 +115 Ton	48" E.S.Reinf. Conc. Culv't Pipe w/Conc. Collars	52 L.F.
Untreated Base Course	251 -229 cy.	Class "B-1" Concrete	332-232 cy
Sprinkling	30 -26 M.Gal.	Reinforcing Steel	156 lbs.
Liquid Asphalt Primer	361 -267 Gal.	Structural Exc.	51 -33 cy.
Tack Coat	40 -23 Gal.	Roadway Exc.	50 -4 cy.
		Wood Guard Rail w/Conc. Posts	342-344 L.F.
		Select Borrow Sub-base Course	315-344 cy.
		Brooming off	150 -23 sy.

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
ALIOMANU ROAD CONNECTION
 STA. 27+00
 KAUAI BELT ROAD
 PROJECT No. DF-056-1(6)
 Aliomanu, Kauai
 Scale: 1" = 10' Date: July, 1957

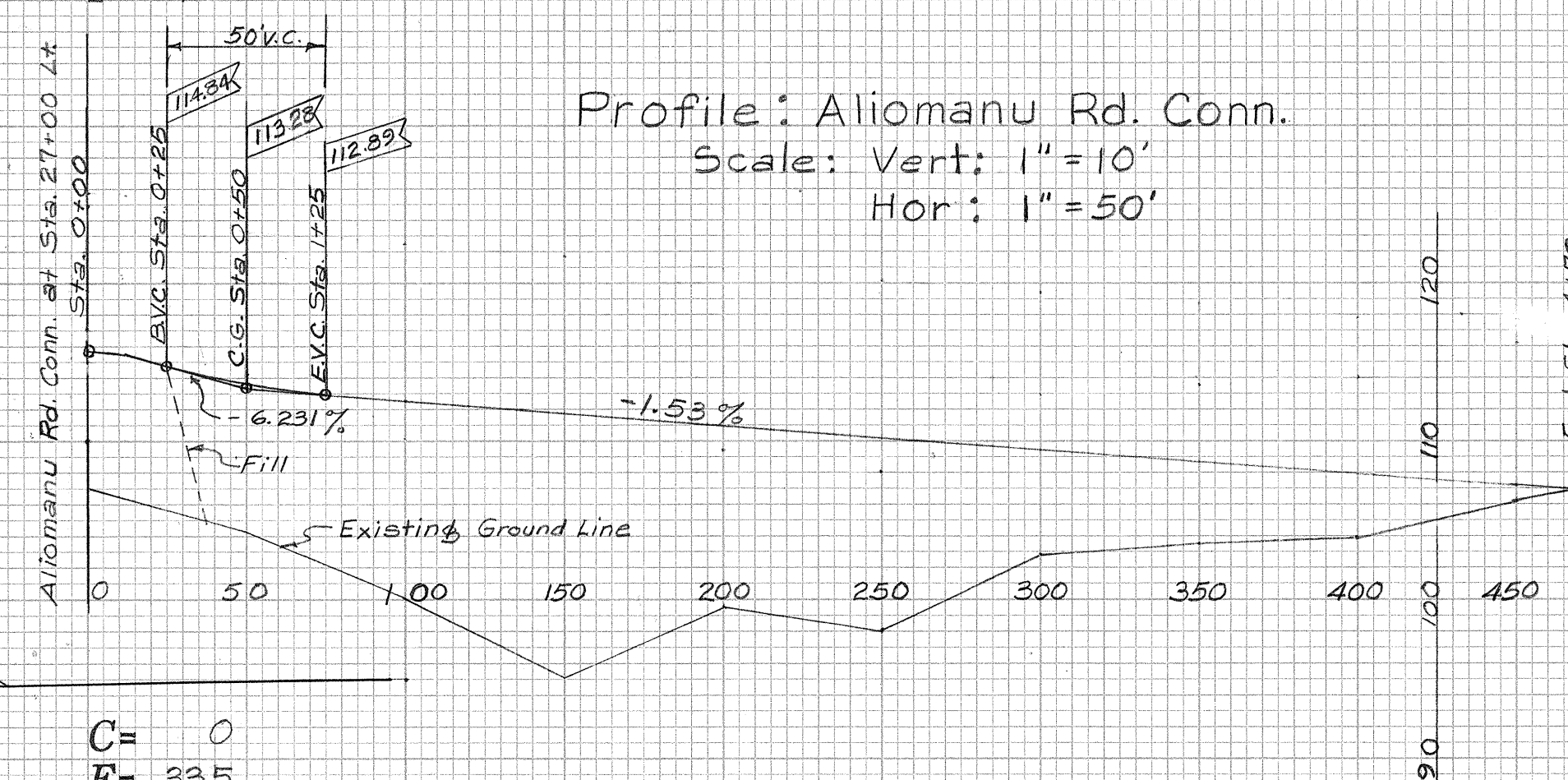
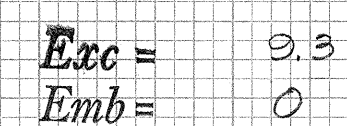
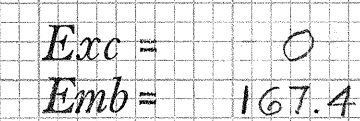
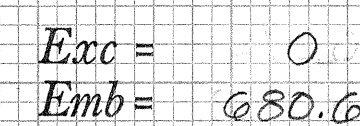
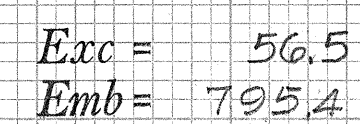
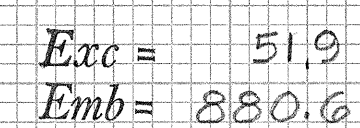
SHEET No. OF SHEETS

5970.5

SURVEY PLOTTED BY	DATE
DESIGNED BY	July 57
DRAWN BY	"
QUANTITIES BY	"
NOTE BOOK	"
QUANTITIES CHECKED BY	"
CHECKED BY	"
ORIGINAL PLAN	No.

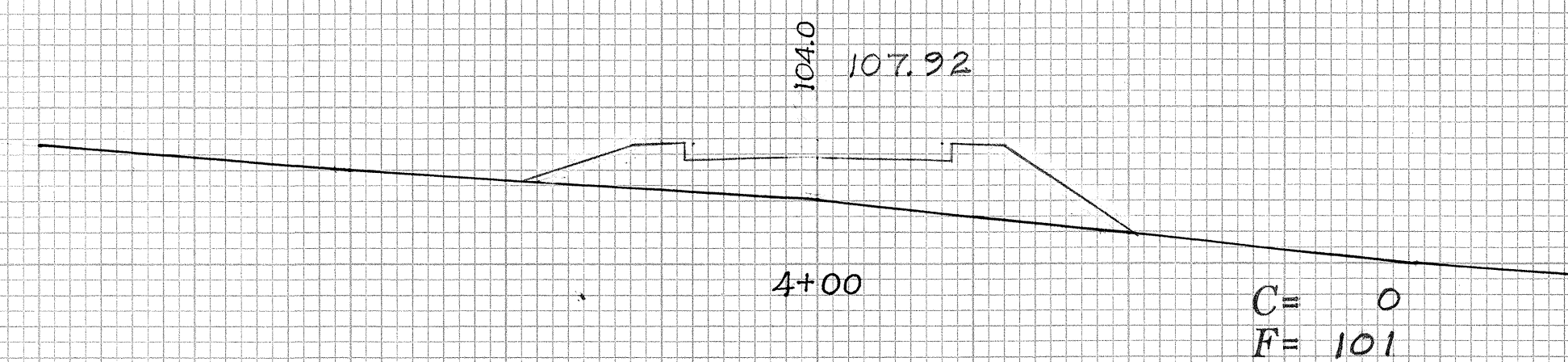
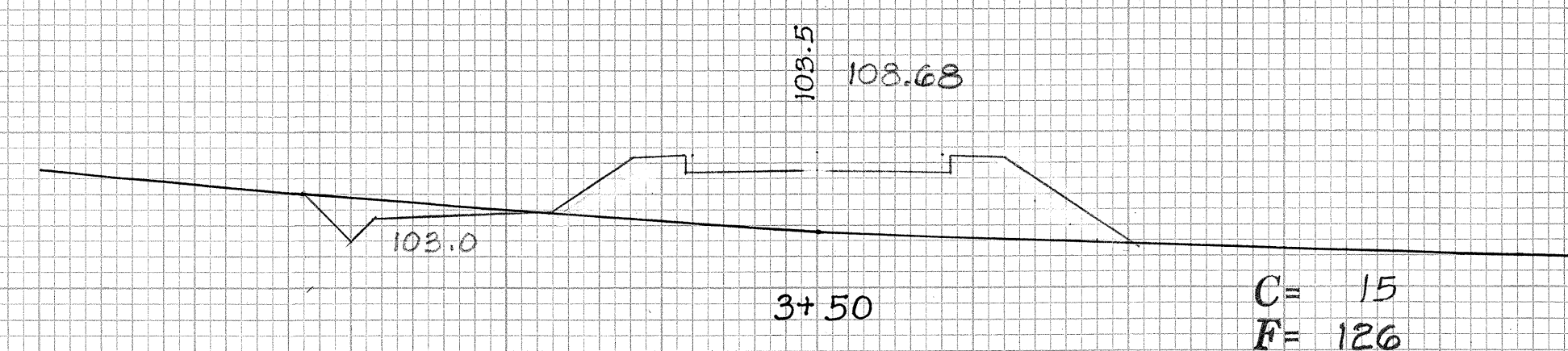
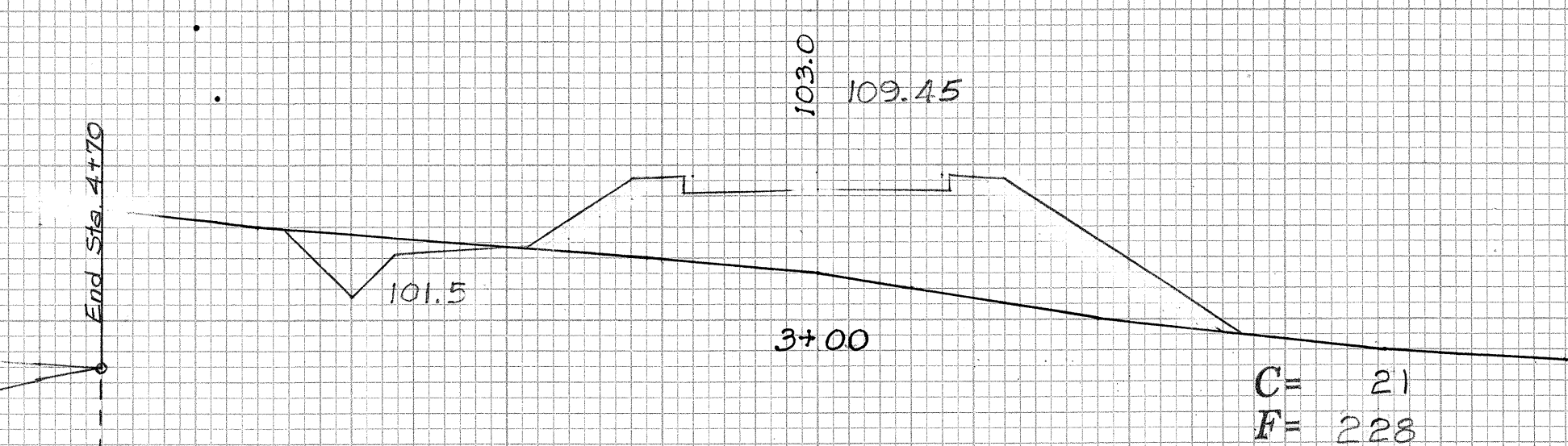
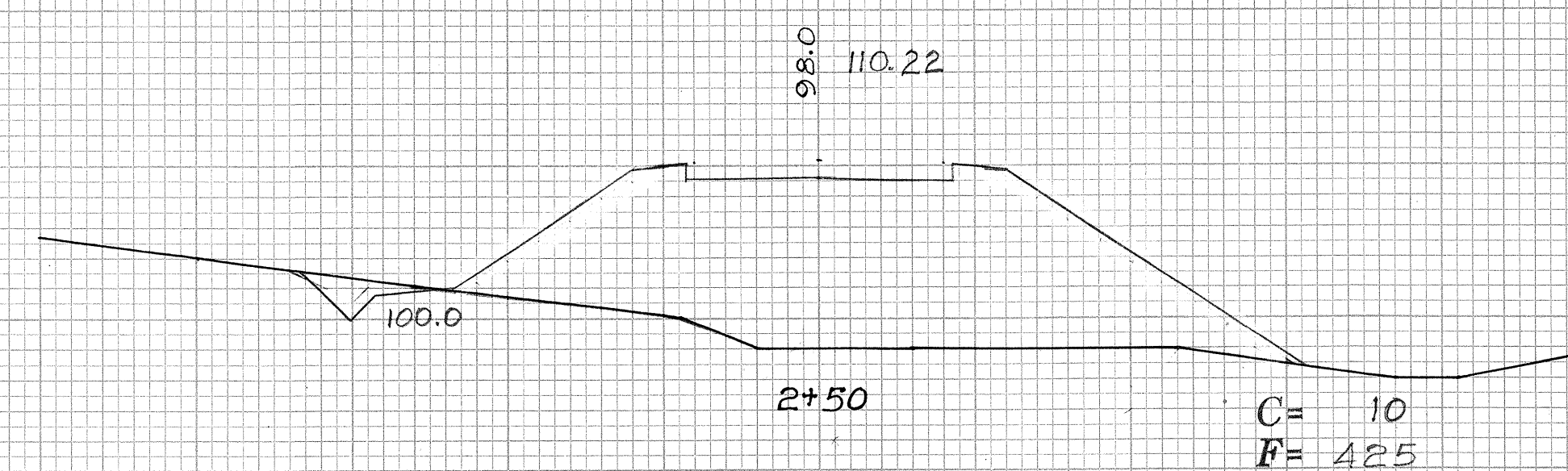
FINAL SURVEY	SURVEYED _____ PLOTTED _____ TEMPLATE _____ AREAS _____ AREAS CHECKED _____	BY _____	DATE _____
NOTE BOOK			
N.O.			

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

$$\begin{aligned} Exc &= 3.7 \\ Eml &= 19.2 \end{aligned}$$


Profile: Aliomanu Rd. Conn.
Scale: Vert: 1" = 10'
Hor: 1" = 50'

DIST. NO. _____
 HAWAII _____
 END 4+70
 Exc = 3.7
 Emb = 19.2
 106.2
 107.16
 4+50
 C = 10
 F = 52

$$\begin{array}{rcl} Exc & = & 9.3 \\ Emf & & 141.7 \end{array}$$

$$\begin{aligned}Exc &= 13.9 \\Emb &= 210.2\end{aligned}$$

$$\begin{aligned}Exc &= 33.3 \\Emb &= 327.8\end{aligned}$$

$$\begin{aligned}Exc &= 28.7 \\Emb &= 604.6\end{aligned}$$

$$\begin{aligned}Exc &= 36.1 \\Emb &= 849.1\end{aligned}$$