

PLAN
SURVEYED
NOTES
NO.

PROFILE
SURVEYED
NOTES
NO.

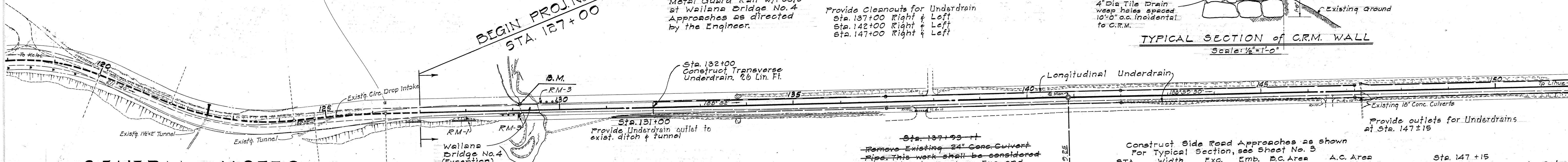
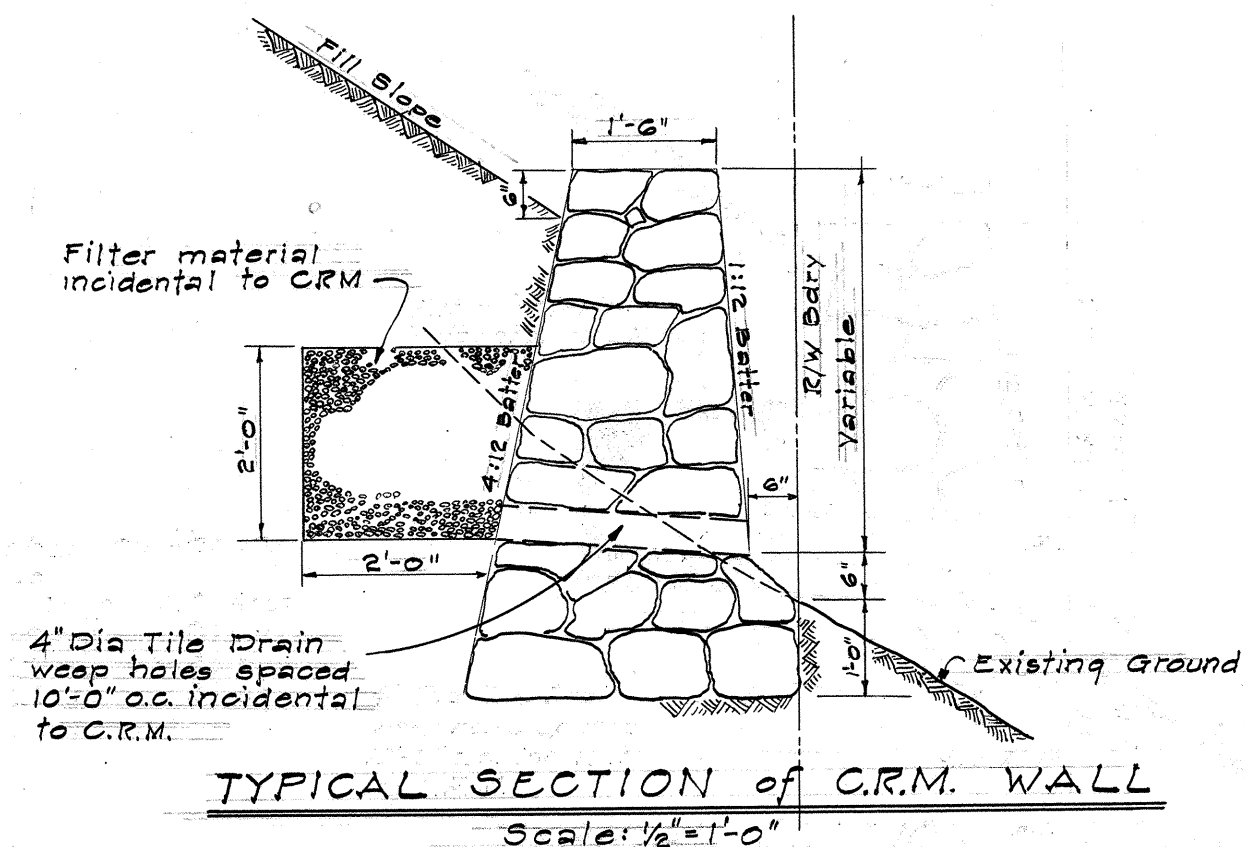
Sta. 127+70 to Sta. 128+08 - Rt.
Install 37.5 Lin. Ft of Metal
Guard Rail with Posts



BEGIN PROJ. No. A 520-01-66 UNIT 3
STA. 127+00

Install 75 Lin. Ft. of
Metal Guard Rail w/Posts
at Wallana Bridge No. 4
Approaches as directed
by the Engineer.

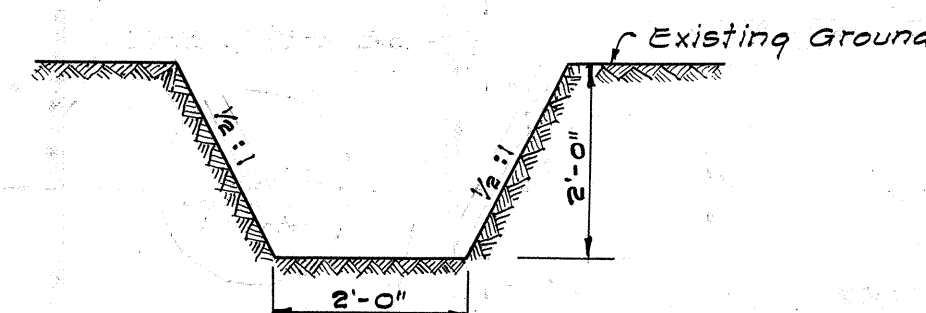
Provide Cleanouts for Underdrain
Sta. 137+00 Right & Left
Sta. 142+00 Right & Left
Sta. 147+00 Right & Left



GENERAL NOTES

- All azimuths are referred to "Laaukahi" Δ .
- All B.M.'s are referred to Mean Sea Level Datum.
- All $\pm$ Monuments shall be installed according to centerline data of construction plans.
- At completion of major items of work, exposed old road pavement shall be scarified unless otherwise directed by the Engineer. This work shall be considered incidental to Roadway Excavation and will not be paid for separately.
- The Right-of-Way map used to establish the coordinates shown in the plans refer to Land Court Application 95b and Land Court Application 95b.(Amended)
- All excess existing material items designated to be removed shall upon removal become the property of the Contractor.
- The Contractor shall coordinate his work with the Grove Farm Co. Ltd. so as not to disrupt the plantations normal schedule of operations in the vicinity of the project.

Sta. 127+70 to Sta. 128+08 rt.
Construct CRM Wall along R/W
Est Quantity
CRM 135 $\pm$ c.y.
Str. Exc. 28 $\pm$ c.y.
For typical section see
this sheet



TYPICAL SECTION OF DRAIN DITCH
STA. 131+00 to STA. 132+40 - RT
Scale: 1/2" = 1'-0"

B.M. - 4" on S.W. corner of bridge parapet,
13' left of Sta. 127+16. Elev. = 582.41

Sta. 137+93 - L
Remove Existing 24" Conc. Culvert
Pipe. This work shall be considered
incidental to Roadway Exc. and
will not be paid for separately.

Sta. 131+10 to Sta. 132+40 - Rt
Realign Existing Drain Ditch Est.
Quantity included in Roadway
Exc. For typical section see
this sheet.

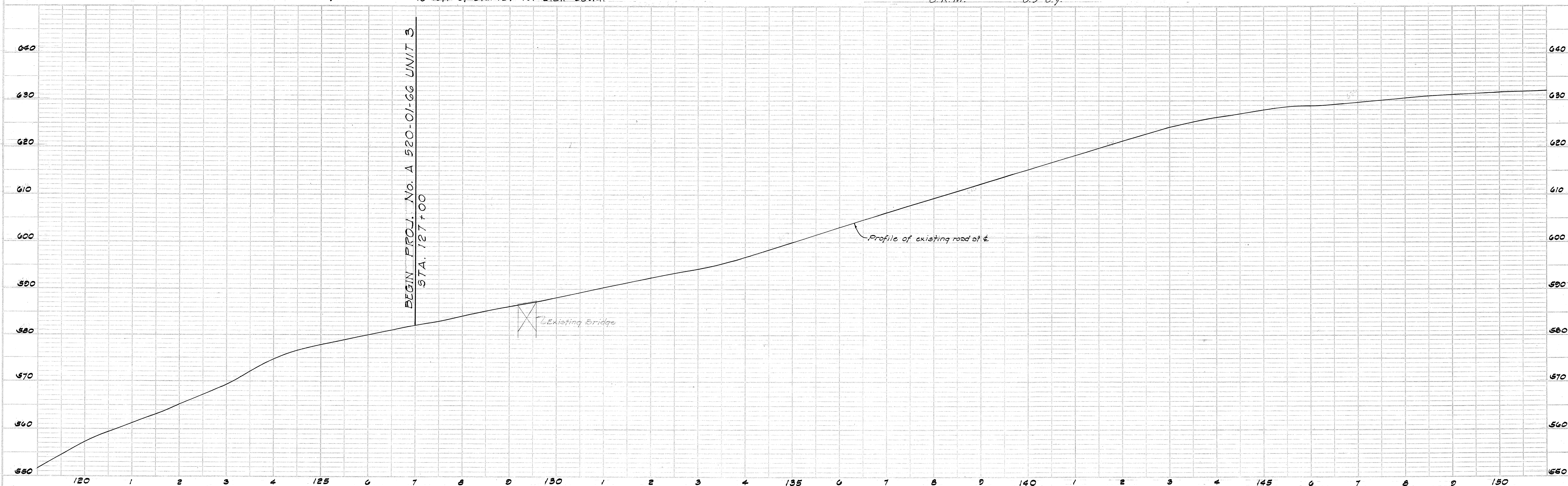
Sta. 131+05 to Sta. 131+20 - Rt.
Install 24" Concrete Culvert
Pipe, 1 - C.D.I.

Estimated Quantities
24" Class III RCCP 16 Lin. Ft.
Struc. Exc. 22 c. y.
Class "B" Conc. 20 c. y.
C.R.M. 0.3 c. y.

Construct Side Road Approaches as shown
For Typical Section, see Sheet No. 3

STA.	Width	Exc.	Emb.	B.C. Area	A.C. Area
137+73 - Rt.	20'	21 $\pm$ c.y.	0	47 $\pm$ sq. ft.	45 $\pm$ sq. ft.
137+93 - Lt.	10'	13 $\pm$ c.y.	0	25 sq. ft.	25 sq. ft.
146+45 - Rt.	20'	8 $\pm$ c.y.	0	22 $\pm$ sq. ft.	22 $\pm$ sq. ft.

Sta. 147+15
Extend Existing 18" Concrete Culvert
Pipe 1 - C.B.I., 1 - C.B.O.
Est. Quantity
18" Cl. III RCCP 15 $\pm$ Lin. Ft.
Struc. Exc. 9 $\pm$ c.y.
Cl. "B-1" Conc. 26 $\pm$ c.y.
Ditch & Channel Exc. 5 $\pm$ c.y.
For Details of C.B.O. and C.B.I.
see sheet no. 3



PLAN	BY	DATE
SURVEYED		
ALIGNED CHECKED		
HT. OF WAY CHECKED		
NOTE BOOK		
NO.		

PROFILE	BY	DATE
SURVIVED		
PLOTTED		
NOTE BOOK		
NO		
B. H. S. NOTED		
STRUCTURE NOTATION CHKD.		

Summary of new Regulatory and Warning Signs, and Reflective Markings.		
Type	Description	Quantity
R1-1	Stop	1
R1-2	Yield	1
R4-7(R)	Keep Right	1
W5-1	Do Not Enter	2
RM-3		6
RM-1		1

Summary of Relocated Regulatory, Directional and Warning Signs, and Route Markers.	
Description	Quantity
Stop	1
Route Marker (Hawaii 52)	3
Route Marker (Hawaii 30)	1
JCT	1
	1