

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-15-1607	1975	3	127

Make smooth riding Connection existing Quarry Area

Quarry Access Rd. A-2
Sta. 0+00 = Rd. A-1 Sta. 1+45.77

Construct smooth 20' Transition to existing Road.

GRADING PLAN- ROADS A-1 & A-2 INTERSECTION
Scale: 1"=50'

520+00 TO 562+00
CONSTRUCTED BY OTHERS

Begin HC&D Quarry Access Road A-1
Sta. 0+00
2213.99 N
299.45 W

STATIONS 562+00 TO 580+00
UNDER THIS CONTRACT
CONSTRUCTION OF NEW KAPAA QUARRY ACCESS ROADS A-1 & A-2 INCLUDED IN THIS CONTRACT.

CURVE DATA

B-5A

$\Delta = 43^{\circ} 53' 10''$
 $R = 3000'$
 $T = 1208.61'$
 $L = 2297.87'$
 $C = 2242.11'$
 $e = 0.043 \text{ Ft./Ft.}$

TRUE NORTH
Scale: 1"=150'

Const. Standard Wire Fence with Metal Posts as shown.

Exist. HECO To be relocated (By Others)

Construct smooth 20' Transition to existing road

Existing HC&D Access Road

Easement "A" for Road and Utility Purposes

Quarry Access Rd. A-2
Sta. 0+00 =
ROAD A-1 Sta. 1+45.77
See Grading Plan This sheet

$\Delta = 24^{\circ} 31' 00''$
 $R = 600'$
 $T = 130.36'$
 $L = 256.74'$
 $C = 254.78'$

Construct Standard Wire Fence with Metal Posts as shown

Const. Standard Wire Fence with Metal Posts as shown.

Exist. R/W and Access Control Line

Install Reference Survey Monument

Construct Earth Mound for Detail See Plan Sht. 12

Top of cut

Match Line Sta. 572+00

Match Line Sta. 562+00

Match Line Sta. 572+00

Match Line Sta. 572+00

Match Line Sta. 572+00

Match Line Sta. 572+00

Match Line Sta. 572+00

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Match Line Sta. 572+00

Match Line Sta. 572+00

Match Line Sta. 572+00

F.A.I. PROJECT No. I-H-3-1(G):12
Sta. 562+00

Install Fence minimum of 30' from New Ditch

Type C Flare
ROAD A-2
Sta. 562+00
 $R = 100'$
 $T = 63.71'$
 $L = 113.45'$
 $C = 107.48'$

Quarry Access Rd. A-2

Future extension beyond 3100

Proposed R/W and Access Control line

Begin New Fence Connect to Exist.

Remove Exist. Fence Salvage, Clean and reuse. Work to salvage and clean shall be incidental to installation of Standard Wire Fence with Metal Posts.

Limit of Easement for Roadway and Drainage Purposes in favor of State of Hawaii.

Top of cut

Const. 2-CL. I Barricade Sta. 2+90 1+00

Limit of Access Road Construction Station 3+00 See Profile Sheet

Const. Standard Wire Fence with Metal Posts as shown

Top of cut

Top of cut

Top of cut

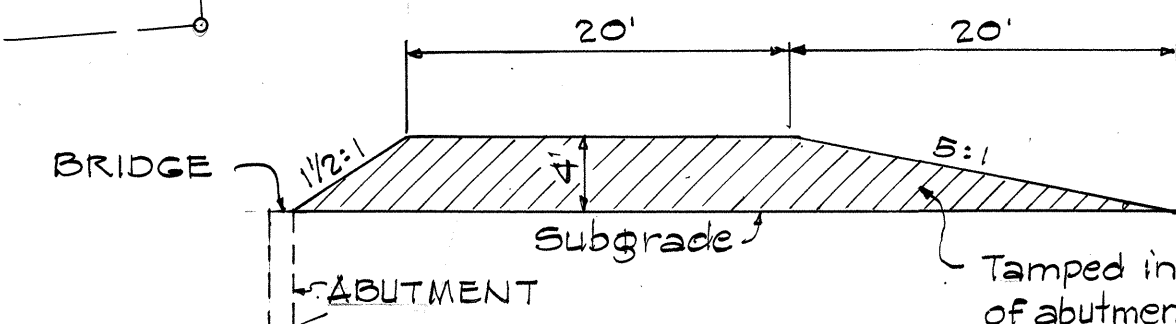
Top of cut

GENERAL NOTES

- Origin of Azimuth and Coordinates is Kailua A.
- Whenever Utilities are involved in Construction, the Contractor shall contact the respective companies before proceeding with his work.
- The overhead electrical system shown on the plans shall be relocated by others.
- ⊙ Denotes: Install Reference Survey Monument 4' feet from E.P.
- Scope of work between Sta. 505+20.34 and 520+00 shall consist of cleaning and grubbing, grading, drainage, relief wells, sand blanket and erosion control measures.

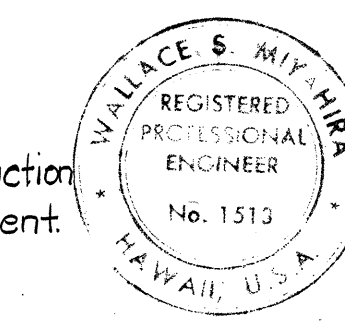
- The Boring data shown on these Plan Sheets were used for design purposes only and will be used by the Engineer to control the Earthwork during Construction. The Borings were carefully taken and believed to be reliable. However, the State assumes no responsibility of the sufficiency or accuracy of said Boring data.

Scale in Feet
0 50 100 150



Note: All work to place Surcharge shall be incidental to Roadway Excavation. Surcharge to remain until Roadway, Subbase, Base and Pavement is to be completed. Minimum Surcharge period shall be 60 Calendar days.

SURCHARGE DETAIL
Not to scale



This work was prepared by me or under my supervision.
Wallace S. Myrland

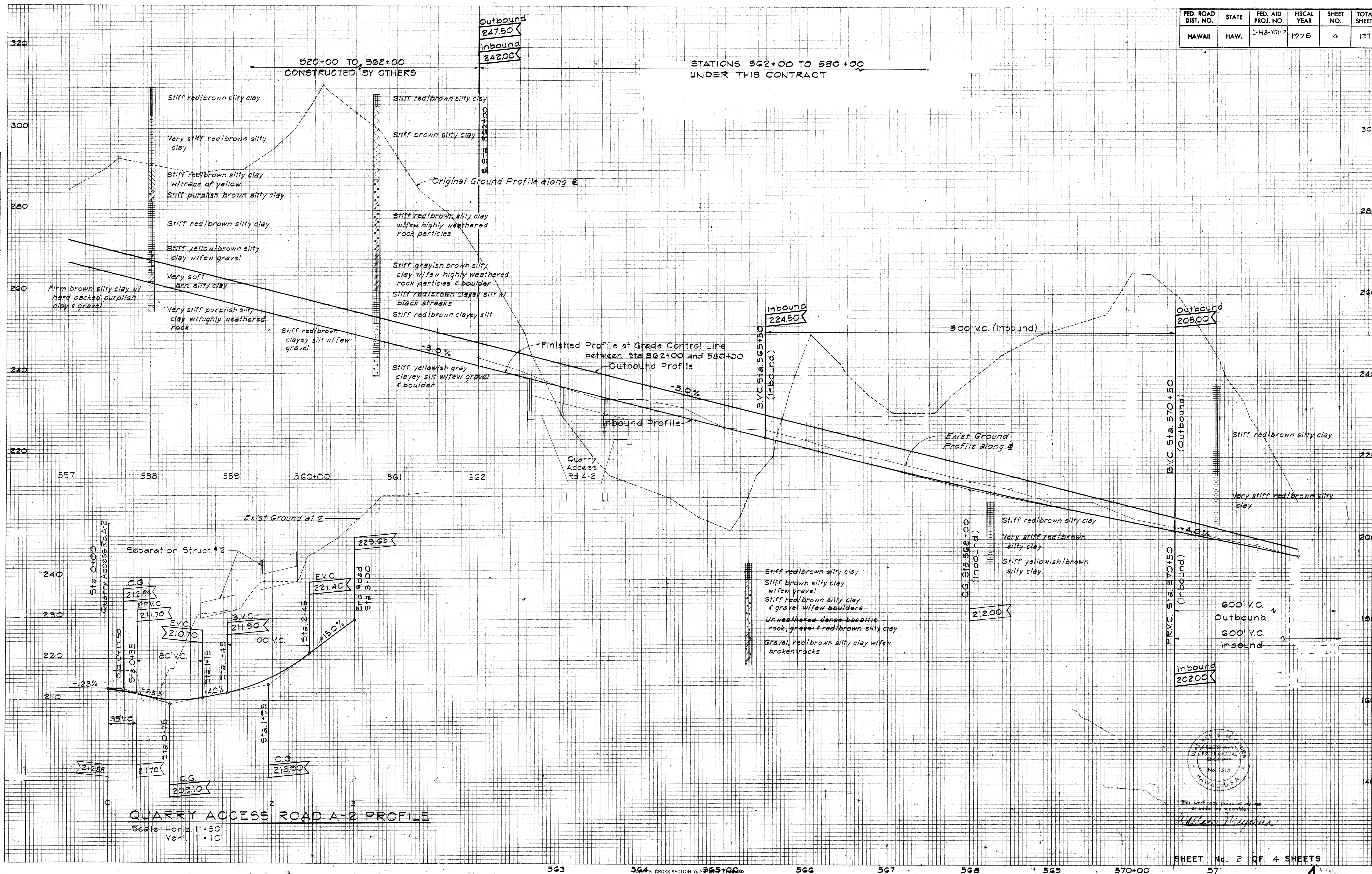
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

PLAN OF ROADWAY
Sta. 562+00 to 572+00

F.A.I. Proj. No. I-H-3-1(G):12
Scale: As Shown
Date: Feb. 1972
SHEET NO. 1 OF 4 SHEETS

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

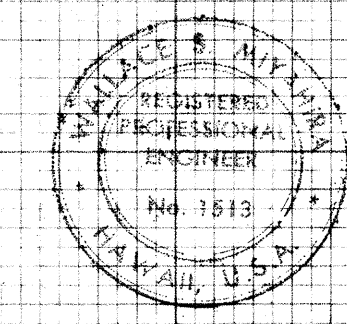
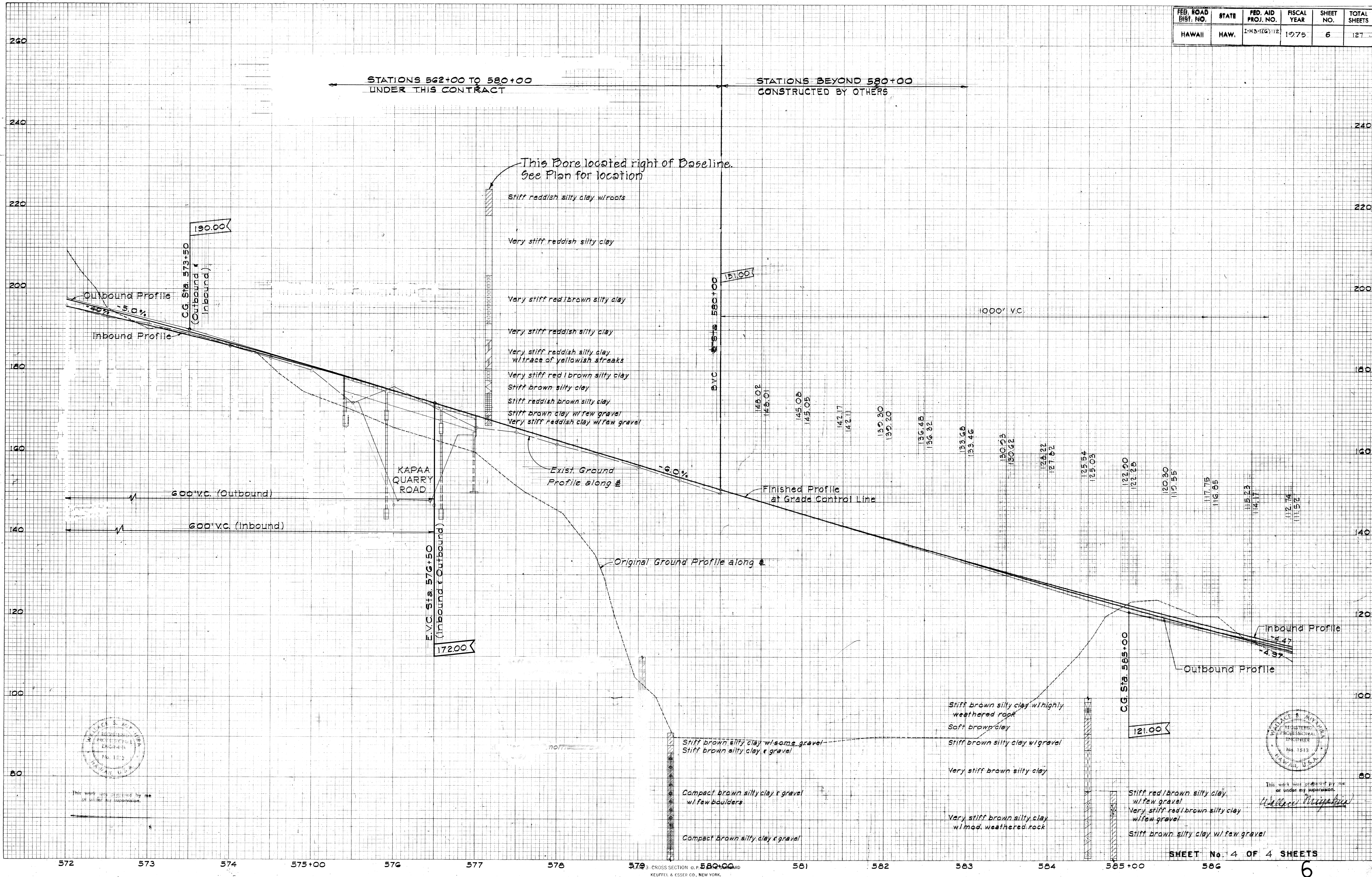
	SURVEYED		BY _____	DATE _____
	PLOTTED			
	TEMPLATE			
	AREAS			
	AREAS CHECKED			
No.				



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HS-1(6)-12	1975	6	127

FINAL SURVEY	DATE
BY	
NO.	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
BY	
NO.	
AREAS CHECKED	



This work was prepared by me or under my supervision.

William Mink