

GENERAL NOTES

1. Azimuth and coordinates are referred to Olaa, Ld. Ct. App. 1053 (Map 1) Data.
2. Bench Marks are referred to mean sea level datum.
3. Scarify and remove existing pavements within and outside of the R/W where called for on the plans (Incidental to Roadway Excavation) and regrade with 4-Inches of top soil to conform to the surrounding terrain for the preparation of planting areas as shown on the landscaping plans.

LEGEND

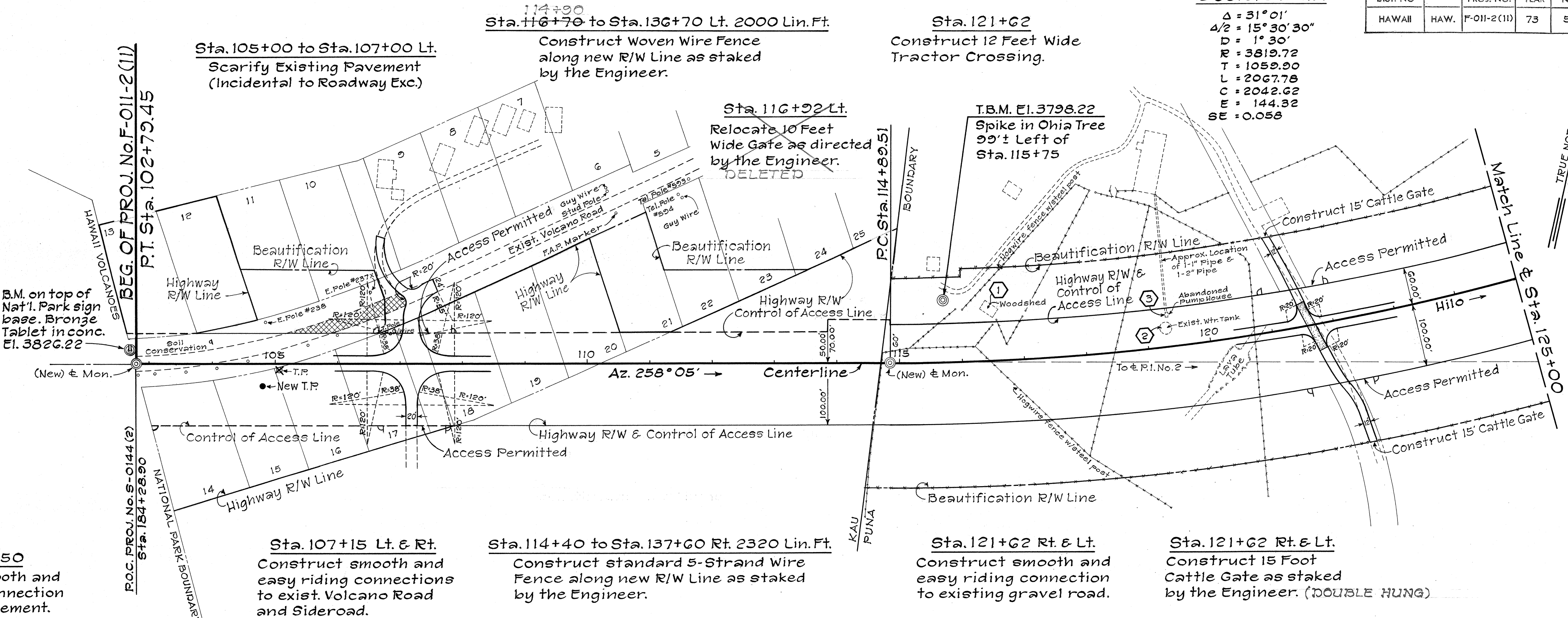
- Existing Structure to be Demolished.
- Existing Pole to be Removed by others.
- New Pole to be Installed by others.
- Exist. Pole to Remain.

BERNICE PAUHAH BISHOP ESTATE

¢ CURVE DATA

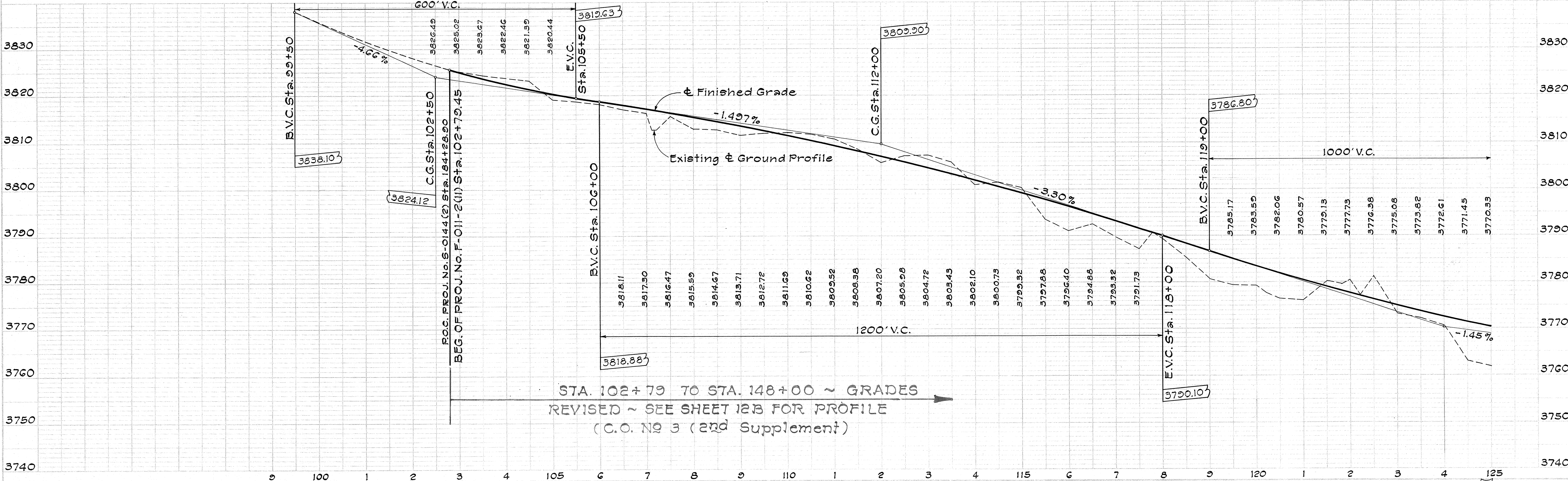
$\Delta = 31^{\circ}01'$
 $\Delta/2 = 15^{\circ}30'30''$
 $D = 1^{\circ}30'$
 $R = 3819.72$
 $T = 1059.90$
 $L = 2067.78$
 $C = 2042.62$
 $E = 144.32$
 $SE = 0.058$

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-2(11)	73	5	87



BERNICE PAUHAH BISHOP ESTATE

Ld. Ct. App. 1053 Map 45



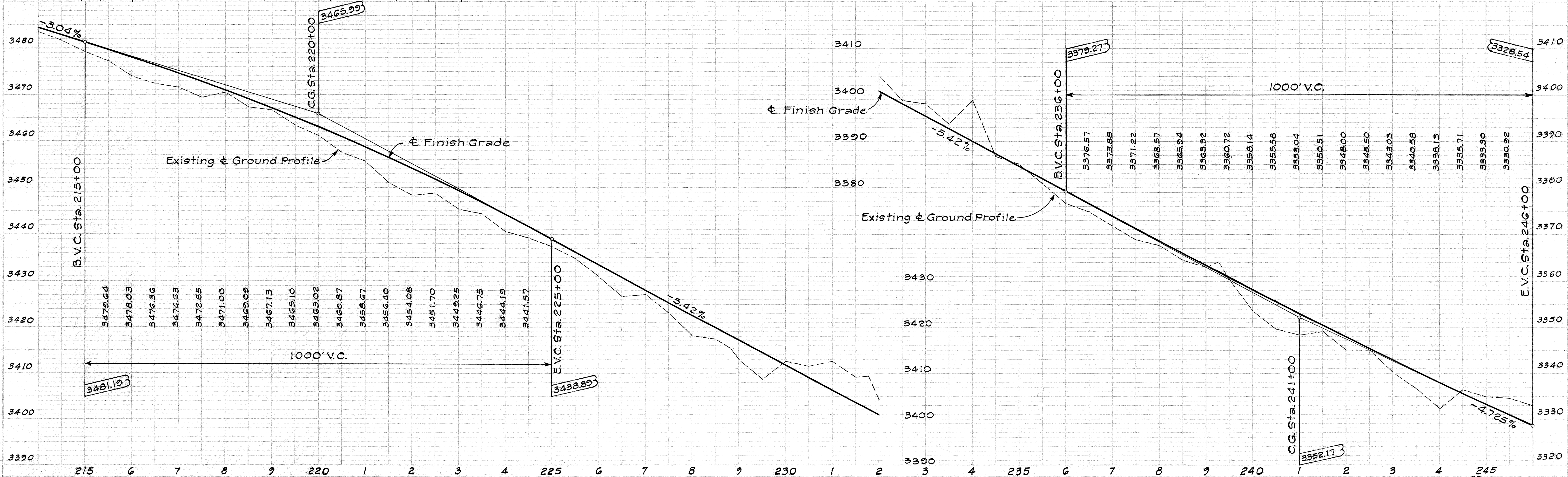
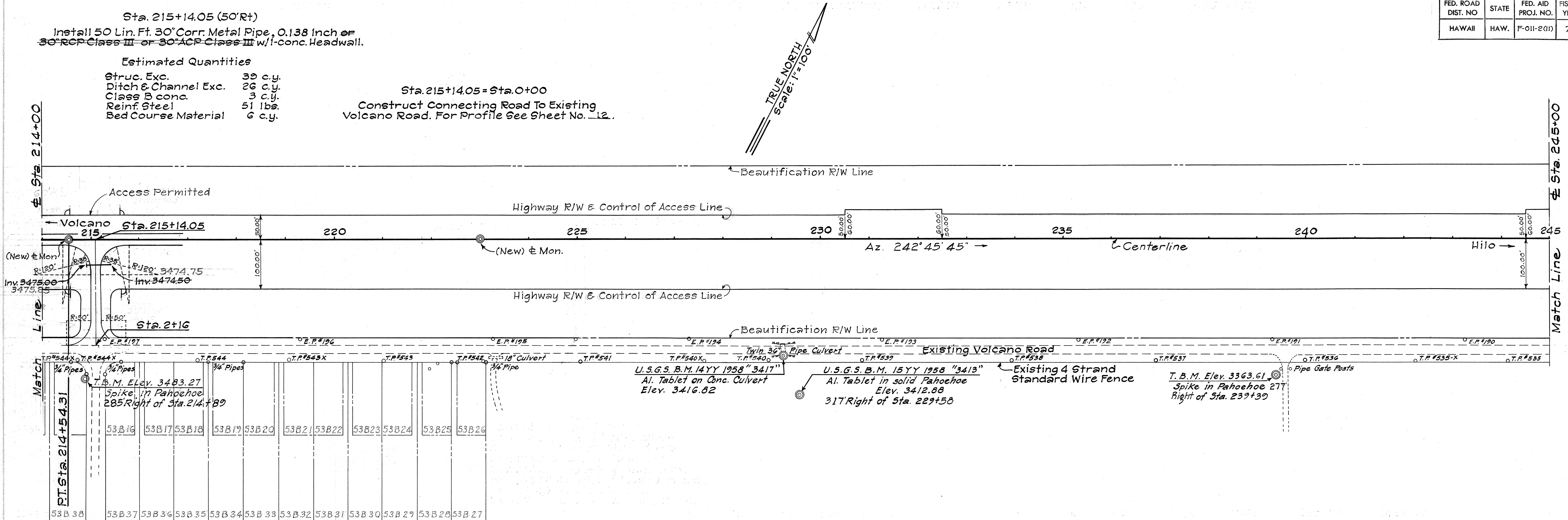
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-2(11)	73	9	87

Sta. 215+14.05 (50'Rt)
Install 50 Lin. Ft. 30" Corr. Metal Pipe, 0.138 inch of
30" RCP Class III or 30" ACP Class III w/1-conc. Headwall.

Estimated Quantities

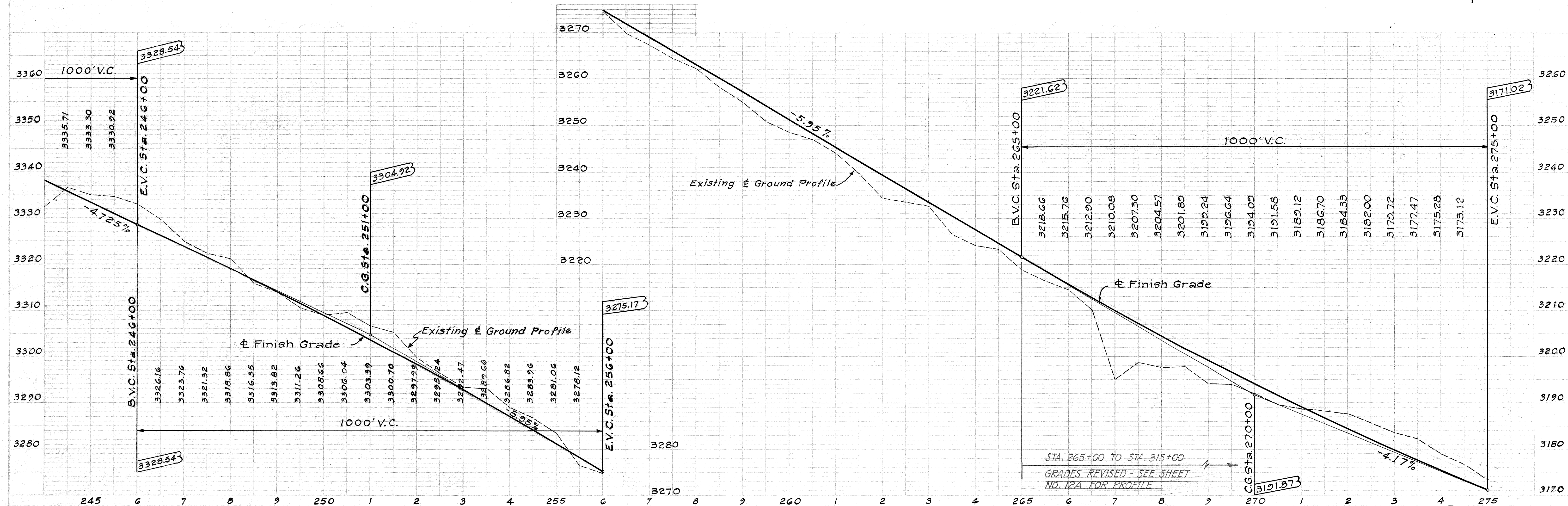
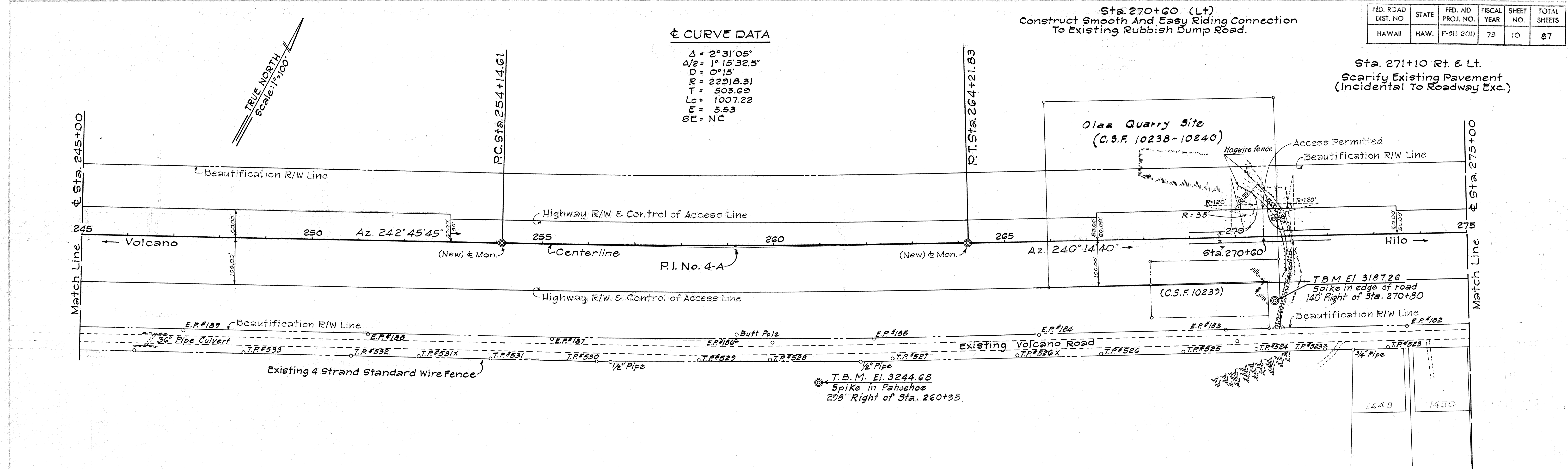
Struc. Exc. 39 c.y.
Ditch & Channel Exc. 26 c.y.
Class B conc. 3 c.y.
Reinf. Steel 51 lbs.
Bed Course Material 6 c.y.

Sta. 215+14.05 = Sta. 0+00
Construct Connecting Road To Existing
Volcano Road. For Profile See Sheet No. 12.



PLAN
DATE: 11/1/55
BY: J.E. HARRIS
CHECKED: J.E. HARRIS
NOTE: BOOK ALPHABET CHECKED.
RT. OF WAY CHECKED.

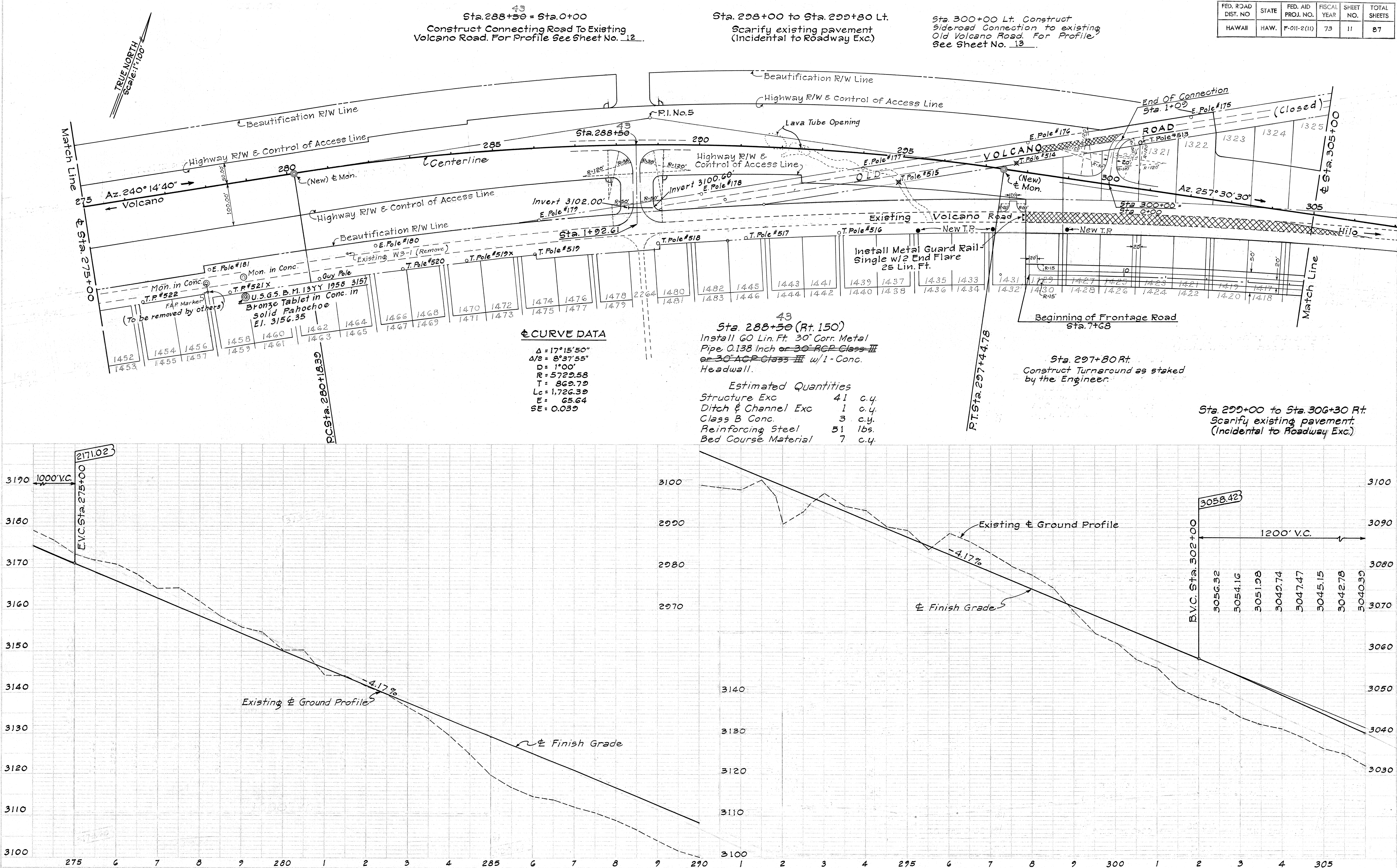
PROFILE
DATE: 11/1/55
BY: J.E. HARRIS
CHECKED: J.E. HARRIS
NOTE: BOOK ALPHABET CHECKED.
RT. OF WAY CHECKED.



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-2(11)	73	11	87

PLAN	DATE	BY	CHECKED	DATE	BY
NO. 1	10/1/73	W. J. HARRIS	W. J. HARRIS	10/1/73	W. J. HARRIS

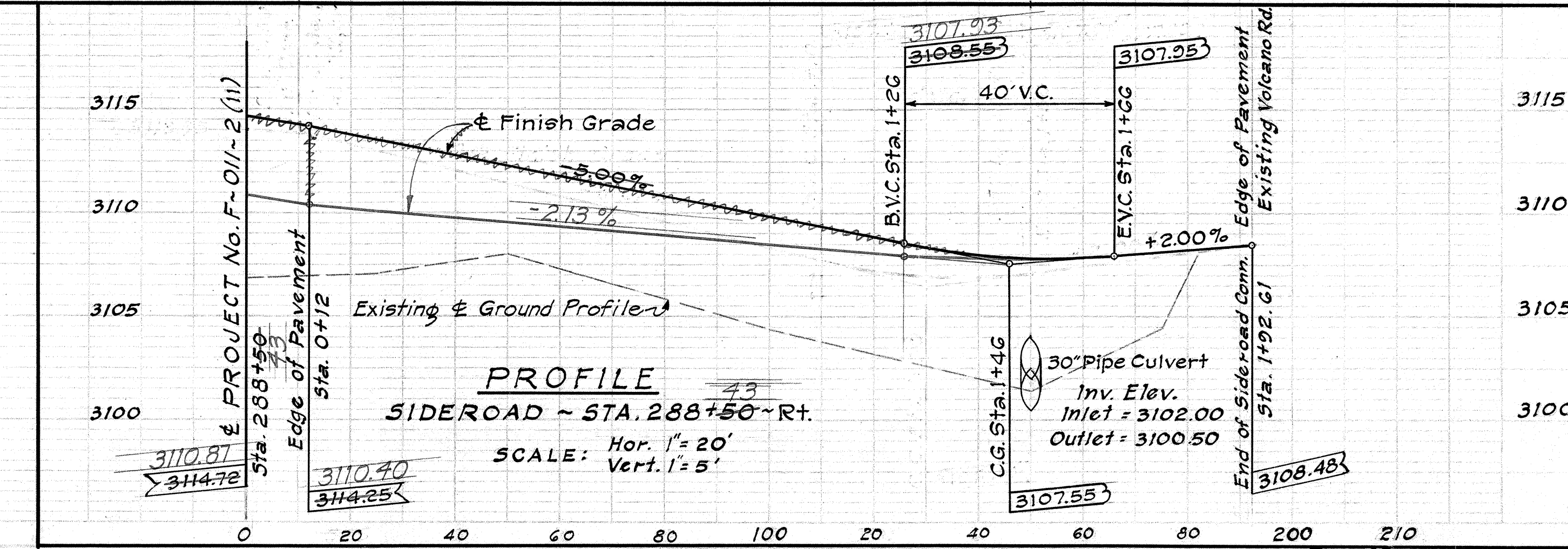
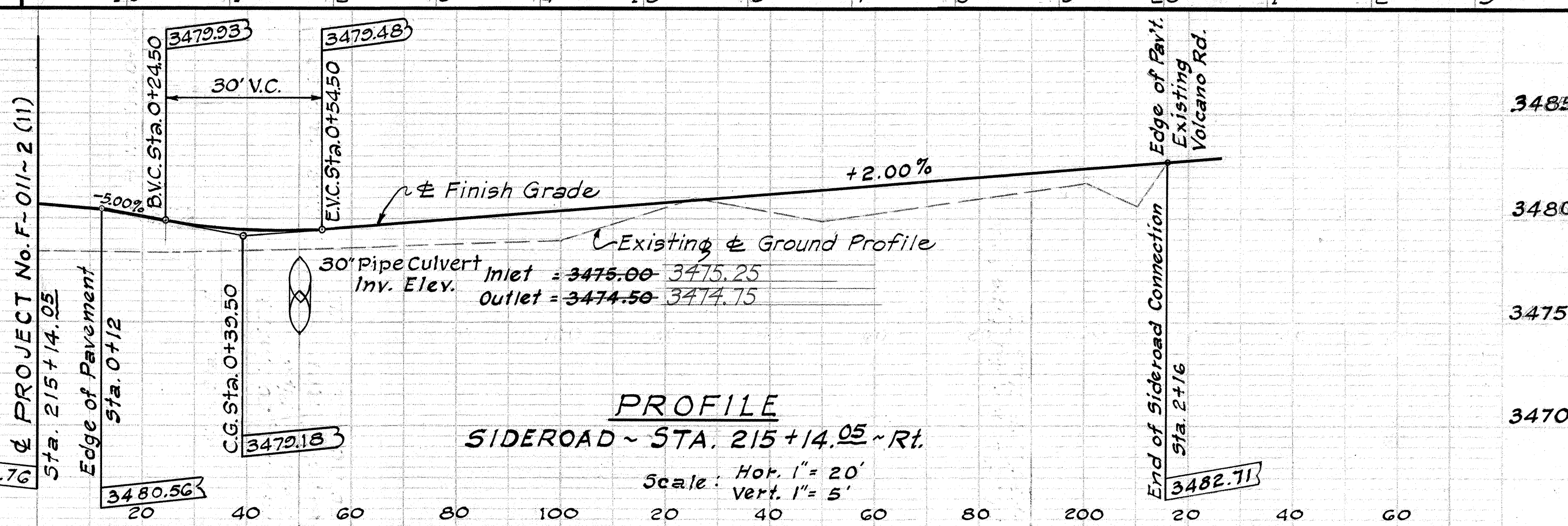
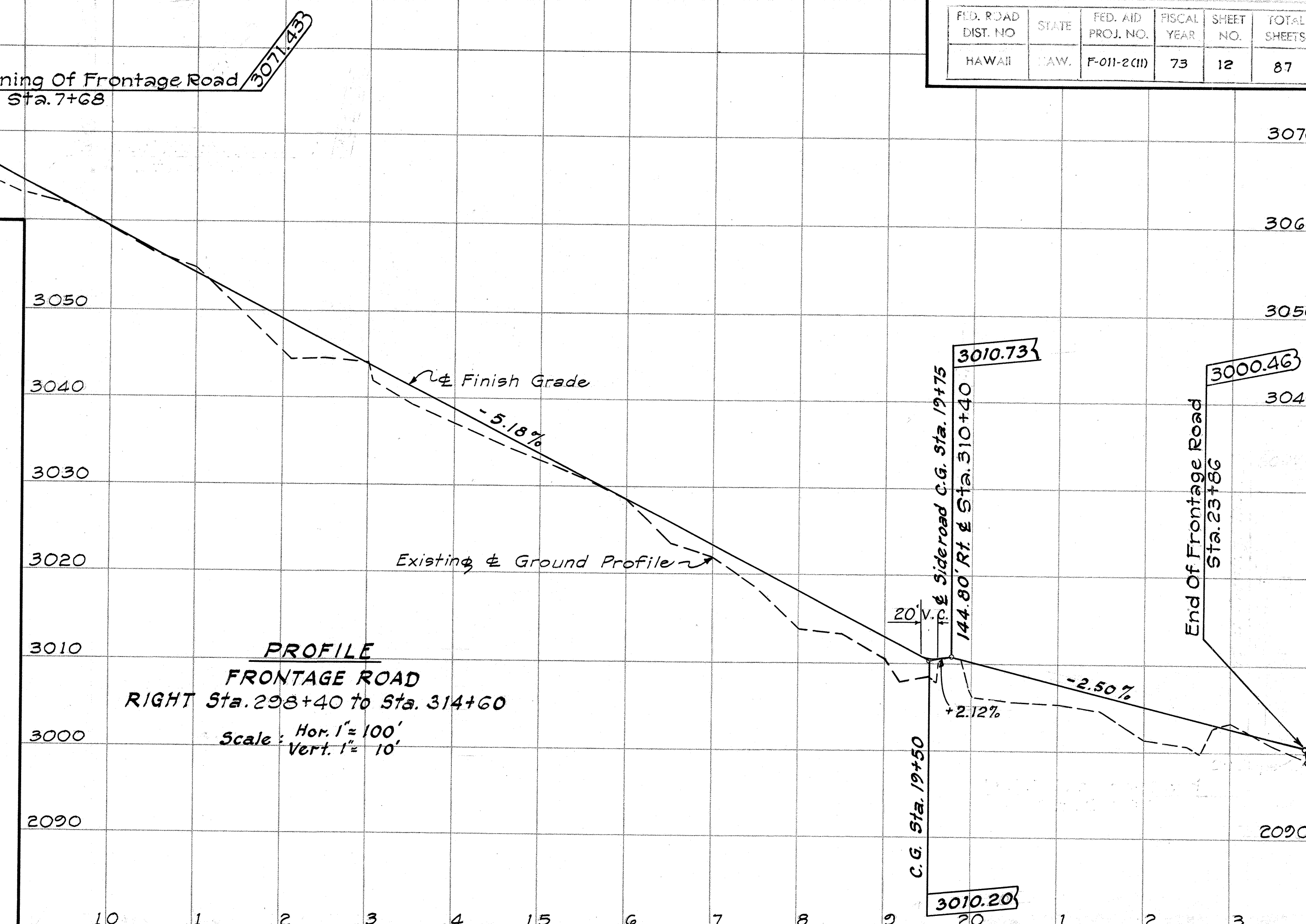
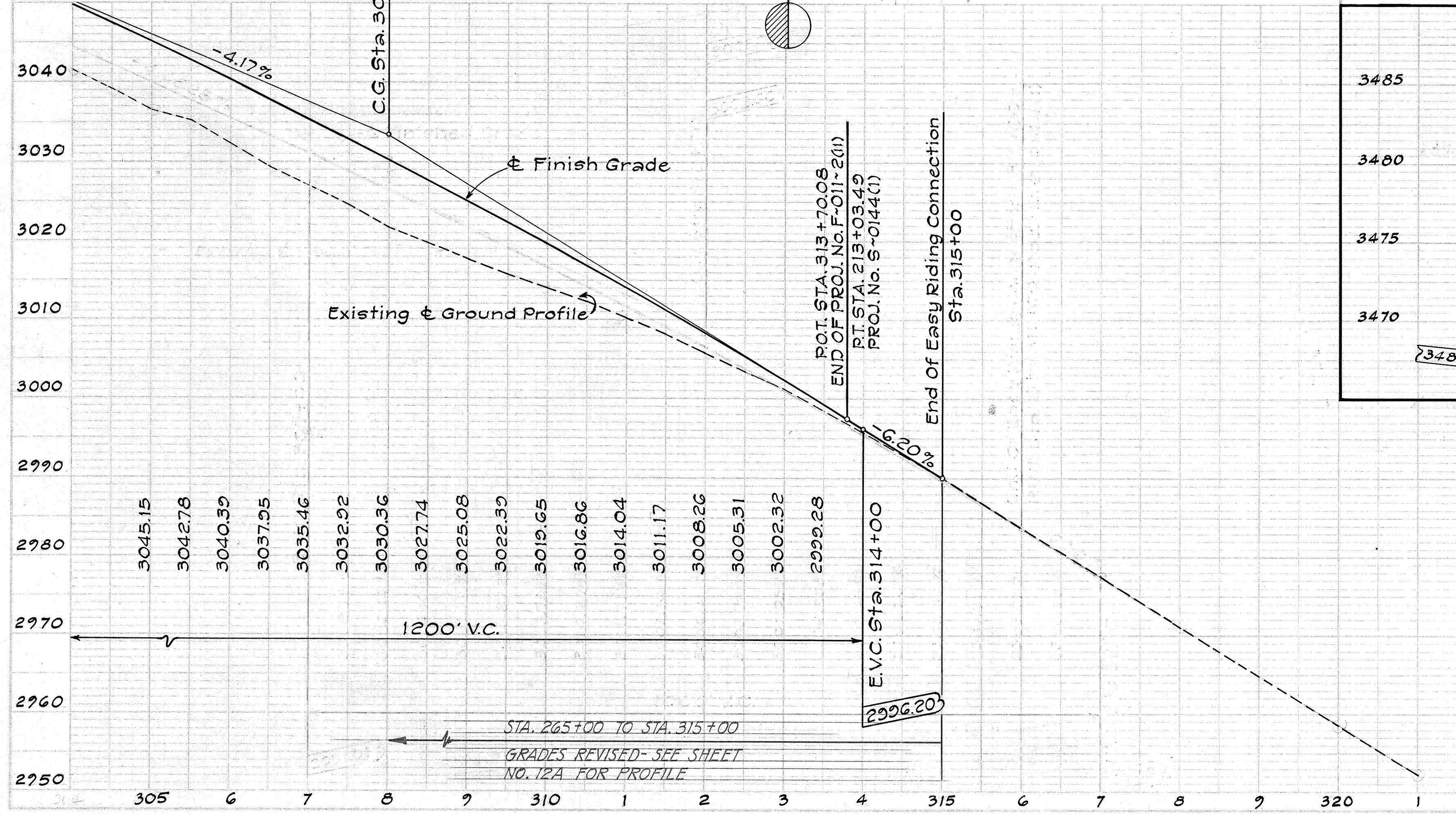
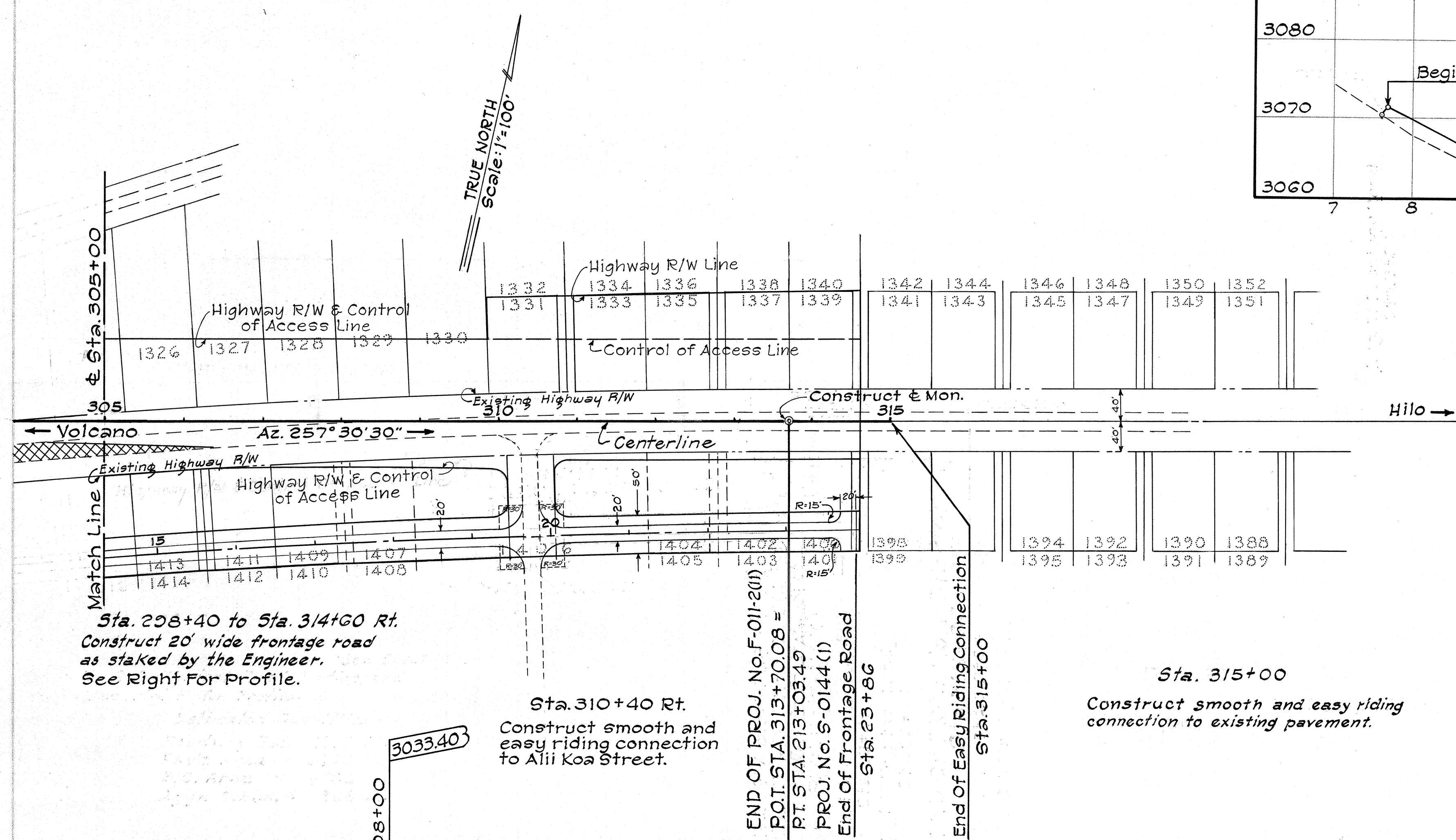
PROFILE	DATE	BY	CHECKED	DATE	BY
NO. 1	10/1/73	W. J. HARRIS	W. J. HARRIS	10/1/73	W. J. HARRIS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	LAU.	F-011-2(II)	73	12	87

PLAN
 DATE
 BY
 CHECKED
 NOTE BOOK ALPHABETIC CHECKED
 NO. OF ANY CHECKED

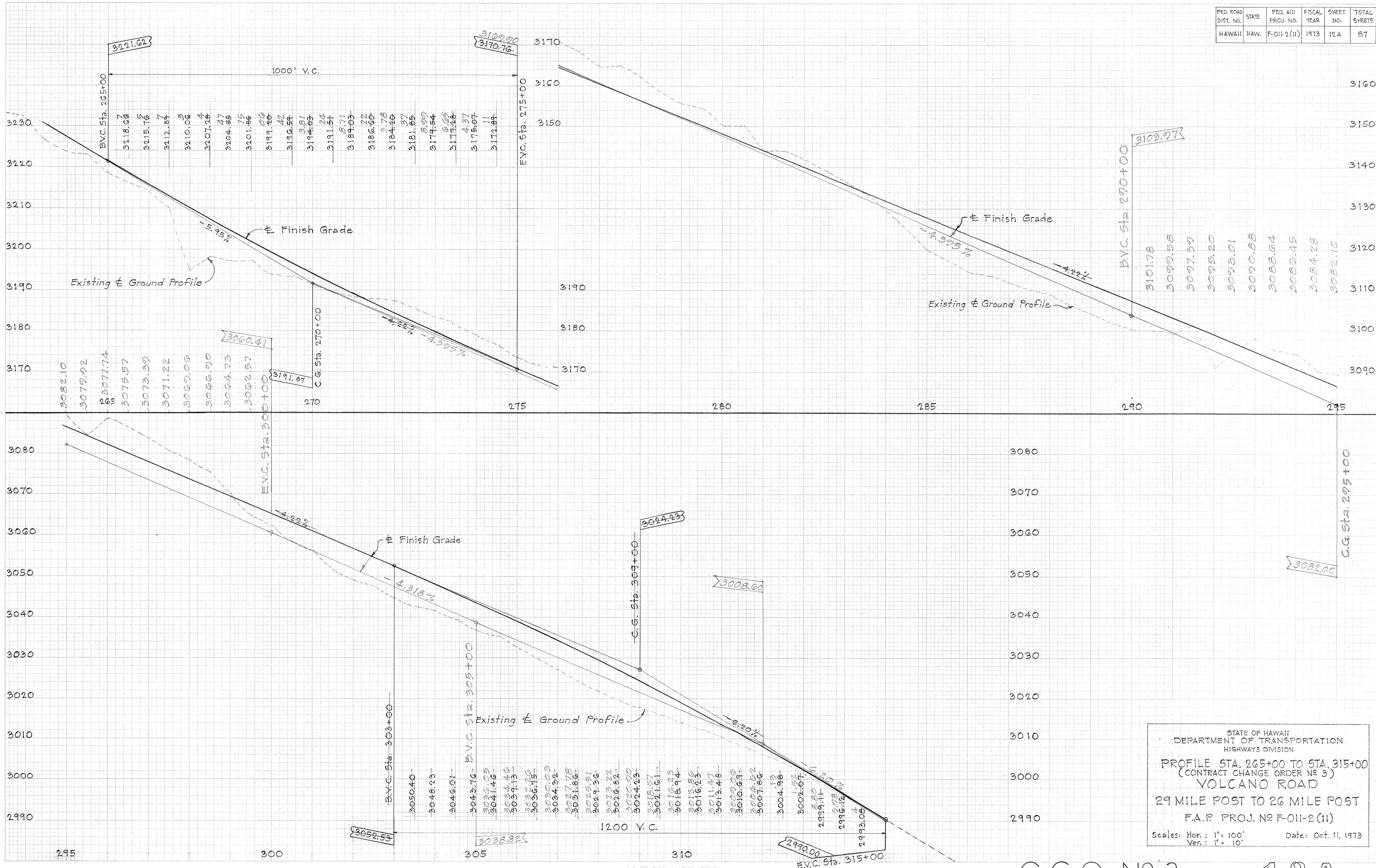
PROFILE
 DATE
 BY
 CHECKED
 NOTE BOOK ALPHABETIC CHECKED
 NO. OF ANY CHECKED



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-2(II)	1973	12A	87

FINAL SURVEY NO.	SURVEYED, PLOTTED, REVISIONS, AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED, PLOTTED, REVISIONS, AREAS CHECKED	BY	DATE



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILE STA. 265+00 TO STA. 315+00
(CONTRACT CHANGE ORDER NO 3)
VOLCANO ROAD
29 MILE POST TO 26 MILE POST
F.A.P. PROJ. NO F-011-2(II)

Scales: Hor.: 1" = 100'
Ver.: 1" = 10'

Date: Oct. 11, 1973

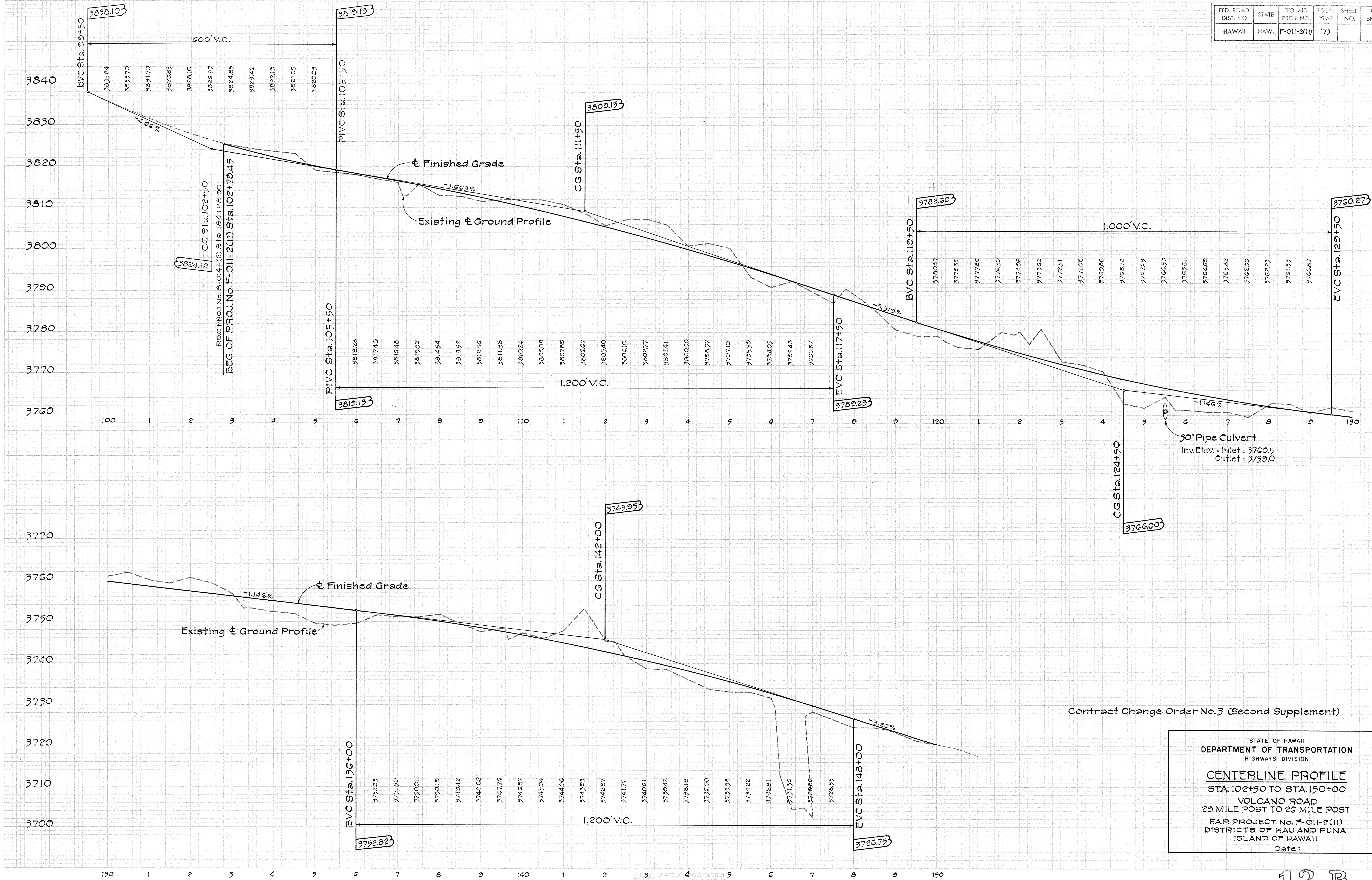
C.C.O. No 3

12A

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-2(11)	'73		

FINAL SURVEY	DATE
NO.	

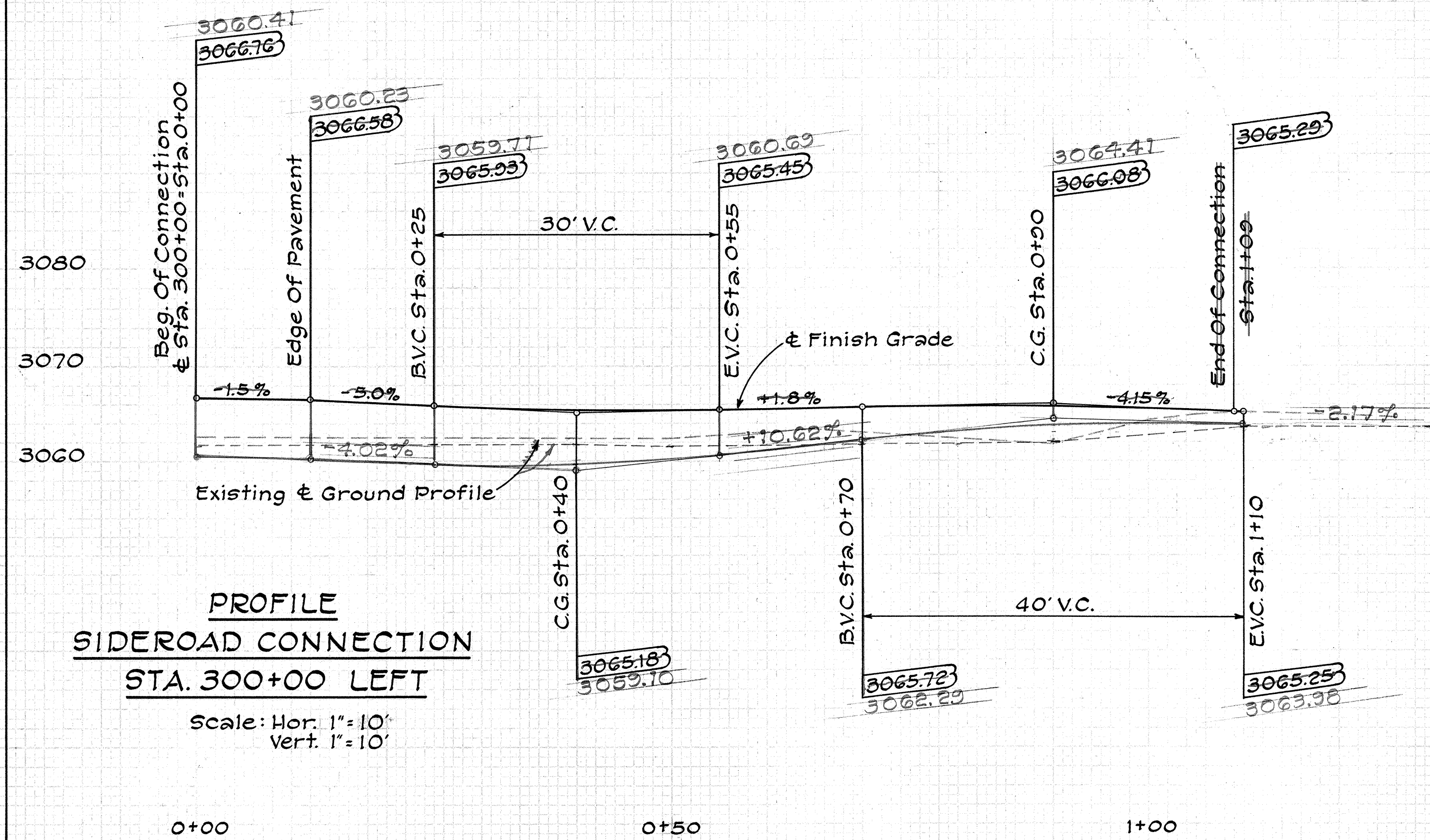
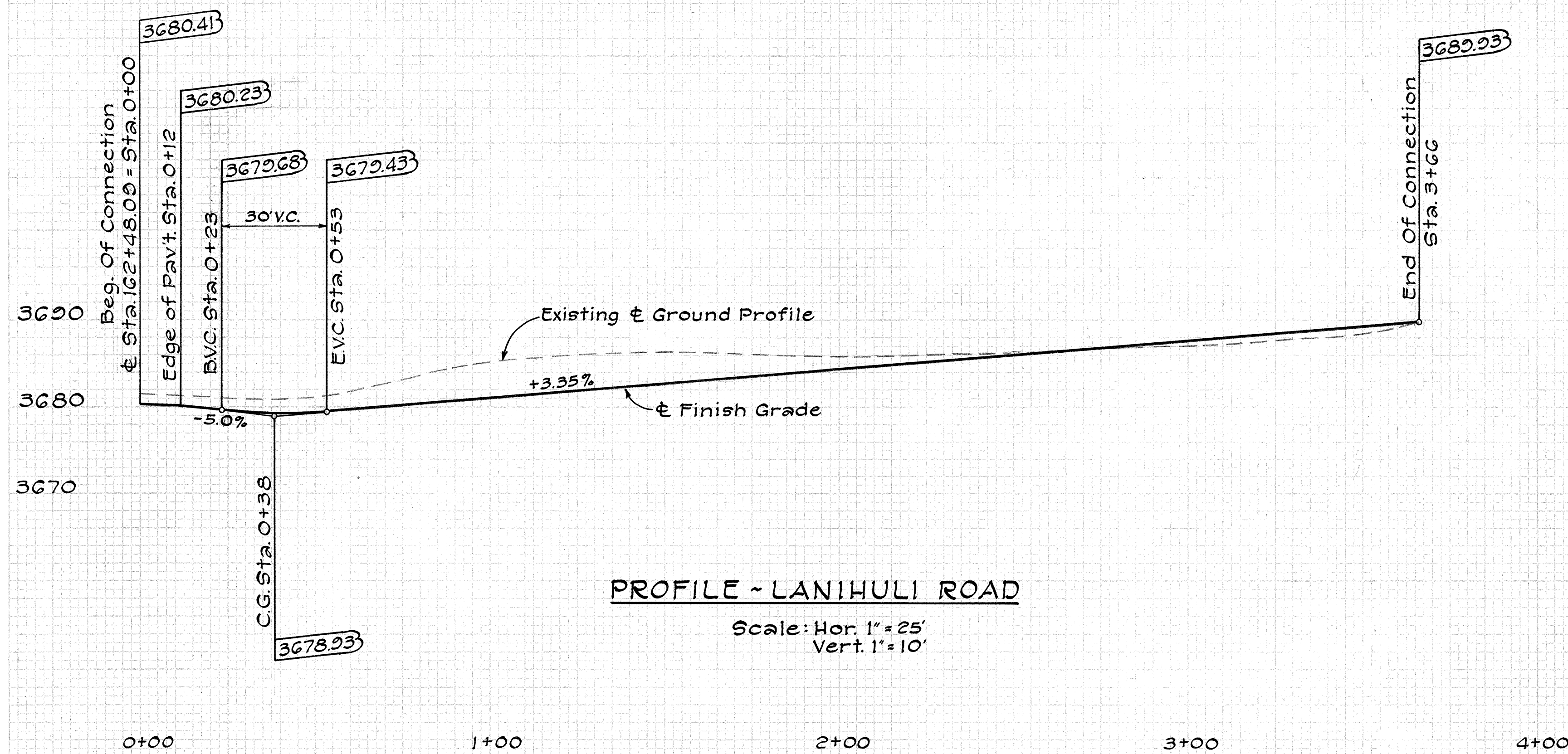
ORIGINAL SURVEY	DATE
NO.	



Contract Change Order No.3 (Second Supplement)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CENTERLINE PROFILE
STA. 102+50 TO STA. 150+00
VOLCANO ROAD
25 MILE POST TO 26 MILE POST
F.A.R. PROJECT No. F-011-2(11)
DISTRICTS OF KAU AND PUNA
ISLAND OF HAWAII
Date:

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-011-2(1)	1973	13	87



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PROFILE
SIDEROAD CONNECTION**

VOLCANO ROAD
29 Mile Post to 26 Mile Post
FAP Project No. F-011-2(1)
Kau & Puna, Hawaii

Scale: As Shown Date: Mar. 30, 1972