

NOTES:
 All Azimuth referred to Mokapu Δ
 All Elev. ~ Navy Datum (Mean Low Water = 100')
 S.E. ~ A Design Speed of approx. 40 mi./hr.

Spur Curve Data
 $\Delta = 76^\circ 53' 54''$
 $R = 164.47$
 $T = 130.59$
 $L = 220.74$

R/W CURVE DATA
 $\Delta = 128^\circ 40' 00''$
 $R = 128.97'$
 $T = 268.38'$
 $L = 289.62$

Curve Data
 $\Delta = 51^\circ 20' 00''$
 $R = 798.31'$
 $T = 383.63'$
 $L = 715.23'$
 $S.E. = 0.21/\text{ft.}$
 $\text{Def./R.} = 0^\circ 21' 30.8''$

Curve Data No. 1
 $\Delta = 23^\circ 53' 00''$
 $\Delta/2 = 11^\circ 56' 30''$
 $D = 4^\circ 00'$
 $R = 1432.40'$
 $T = 302.95'$
 $L = 597.08'$
 $S.E. = .042'/\text{ft.}$

Extend existing pav't. to connect with new highway at Sta. 28+00
 1650 s.y. Pav't.
 500 c.y. Borrow

Construct Approach
 130 s.y. Pav't.
 25 c.y. Exc.
 75 c.y. Borrow

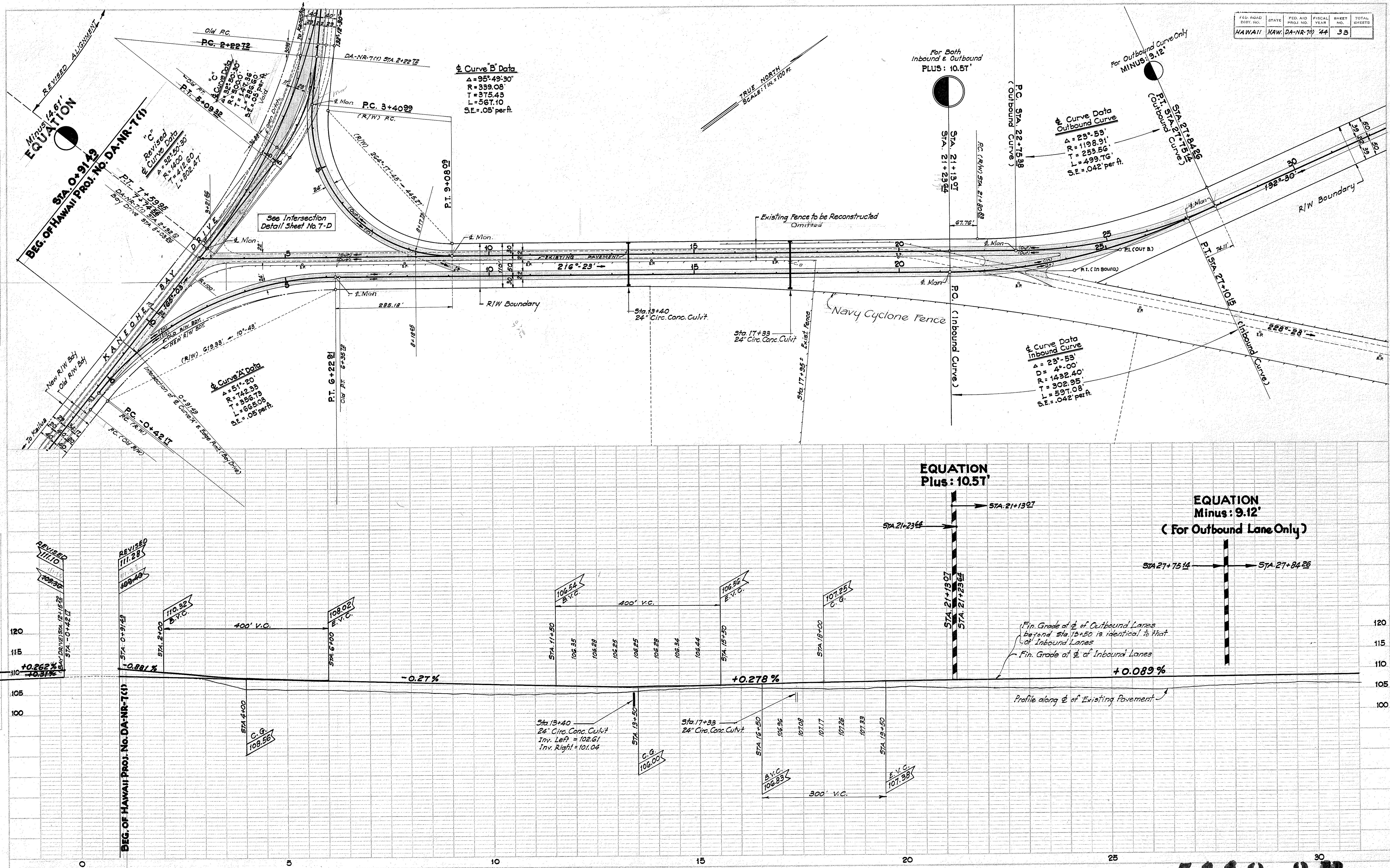
This Sheet has been superseded by Sheet # 5110.3 B

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DA-NR-70	44	3B	

PLAN	REVISION	DATE
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.

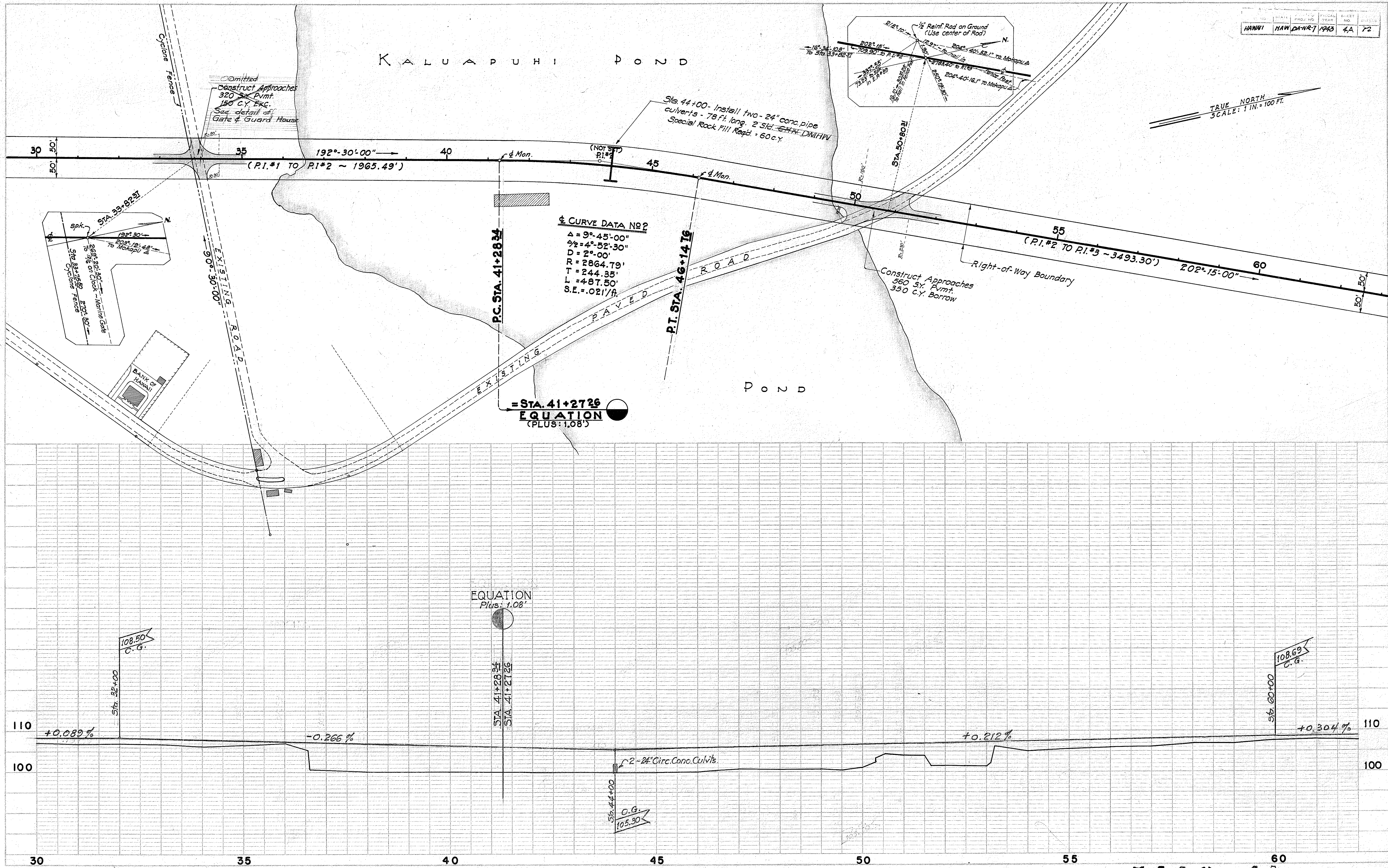
Revised alignment (Curve C) - 2/10/44

PROFILE	REVISION	DATE
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.



PLAN	DESIGNED	DATE
	BY	
	PLOTTED	
	NOTE BOOK	
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	NO.	

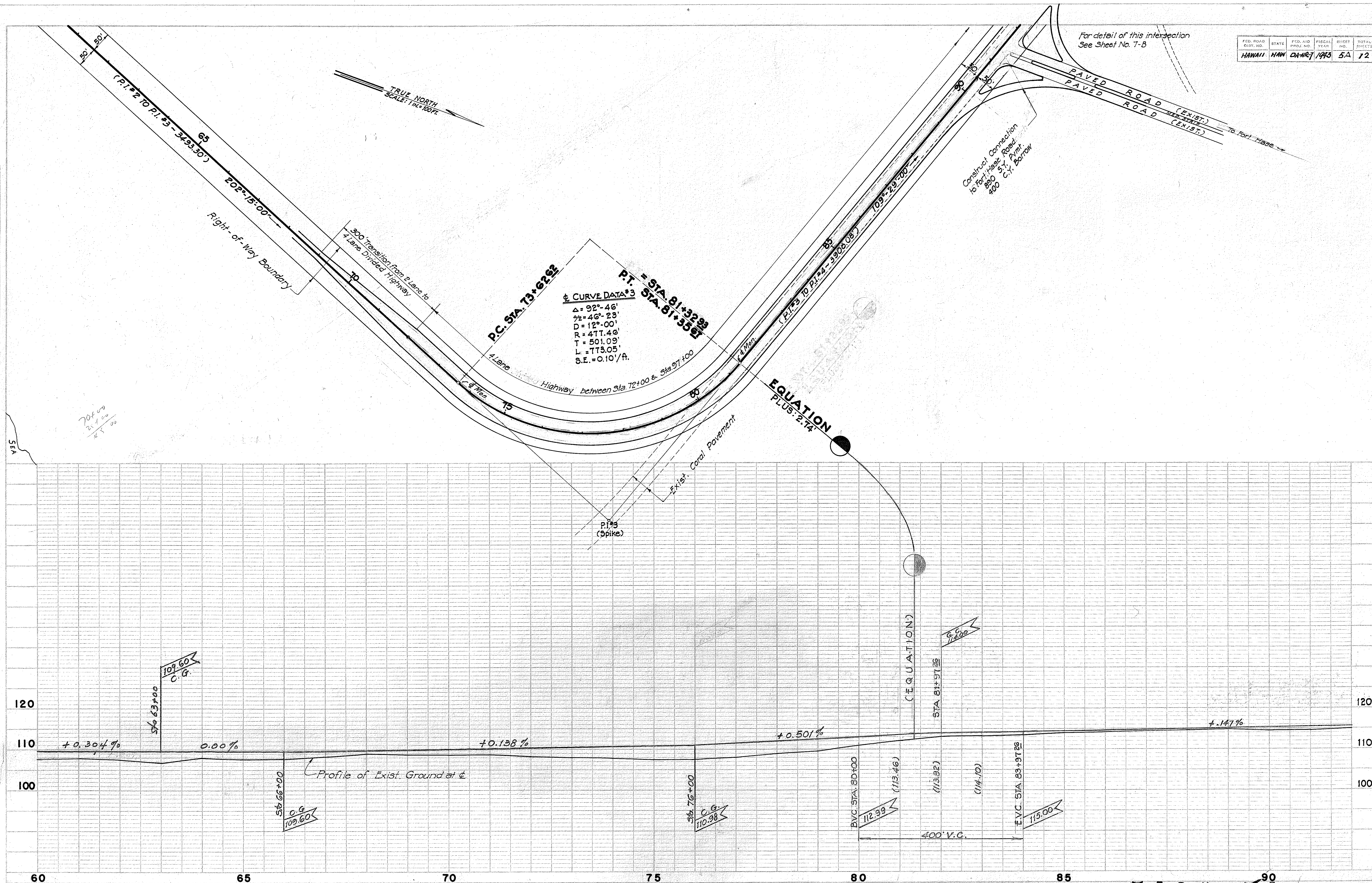
PROFILE	DESIGNED	DATE
	BY	
	PLOTTED	
	NOTE BOOK	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CH. NO.	
	NO.	



PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

Revision: Oct. 20, 1943. Changed to
4 Lane Divided from Sta. 72+00 to Sta. 97+00

DATE	BY	
SURVEYED		
PLOTTED		
NOTE BOOK GRASSES CHECKED		
B. & S. NOTED		
STRUCTURE NOTATION'S CHANGED		
NO.		

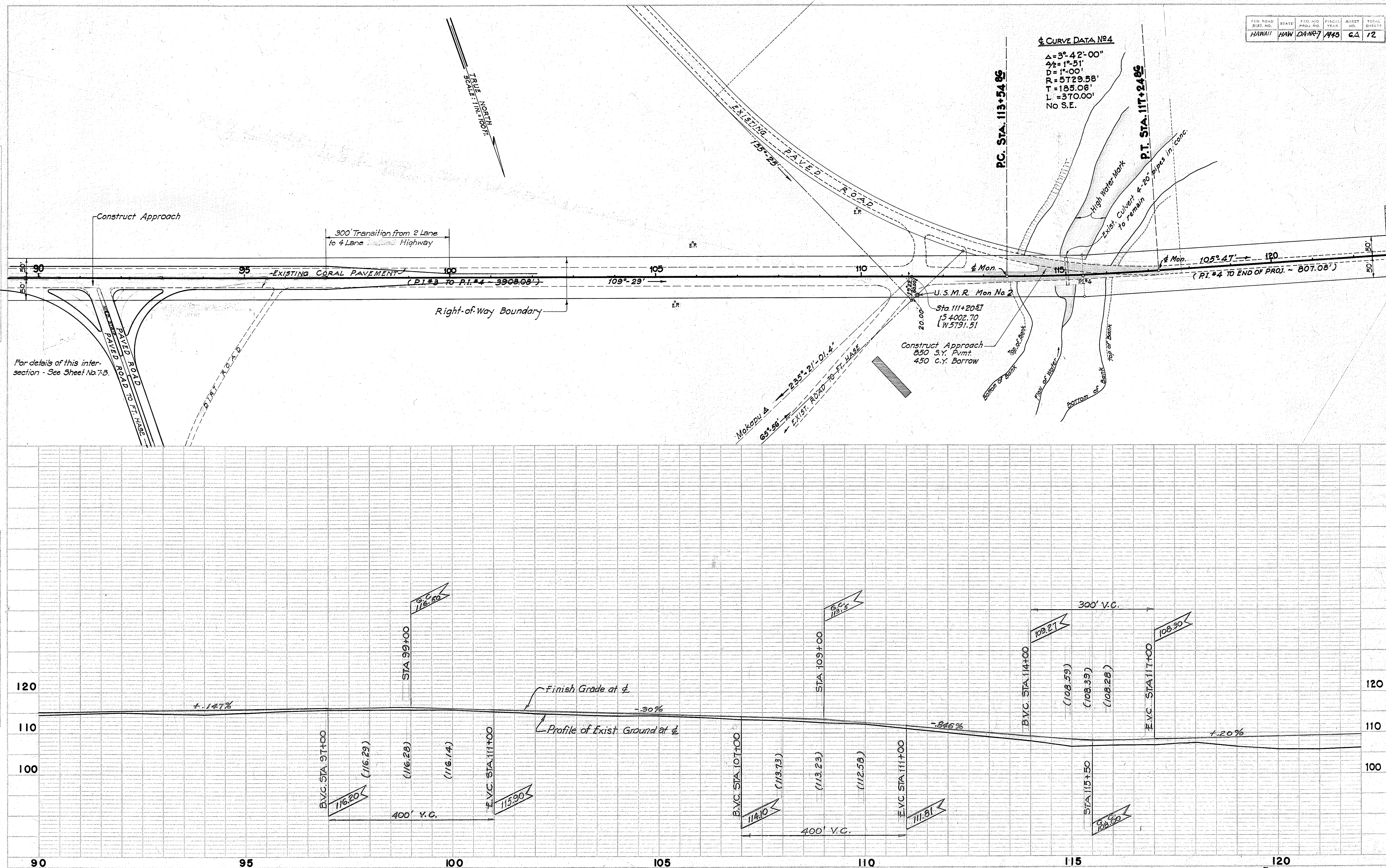


5110.5⁹⁰

PLAN	SURVISED	DATE
NOTE BOOK	ALIGNED CHECKED	
NO.	DATE	

Revision: Intersection detail at
 Ft. Hesse Rd. changed 10-20-43

PROFILE	SURVISED	DATE
NOTE BOOK	ALIGNED CHECKED	
NO.	DATE	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	DAN-7	1945	6A	12

¢ CURVE DATA No. 4

Δ = 3°-42'-00"
 Δ/2 = 1°-51'
 D = 1°-00'
 R = 5729.58'
 T = 185.06'
 L = 370.00'
 No S.E.

PC. STA. 113+54.85

P.T. STA. 117+24.85

¢ Mon. 105°-47' → 120
 (P.T. #4 TO END OF PROJ. ~ 807.08')

U.S.M.R. Mon No 2
 Sta 111+20.51
 I 34002.70
 W 5791.51

Construct Approach
 850 S.Y. Pymt.
 450 C.Y. Borrow

Flow of Water

Top of Bank

Bottom of Bank

Flow of Water

Top of Bank

Bottom of Bank

Mokepe A
 65°-56'
 EXIST. ROAD TO FT. HESSE

STA 109+00

BVC STA 107+00
 EVC STA 111+00

BVC STA 114+00
 EVC STA 117+00

STA 115+50

Finish Grade at ¢

Profile of Exist. Ground at ¢

-30%

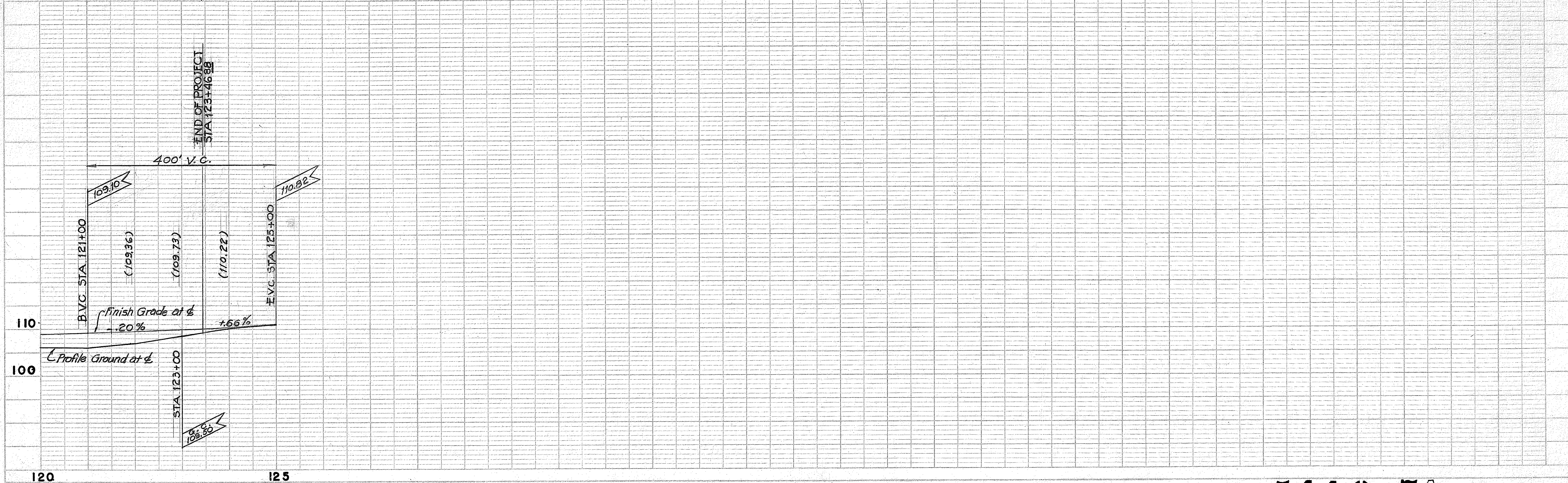
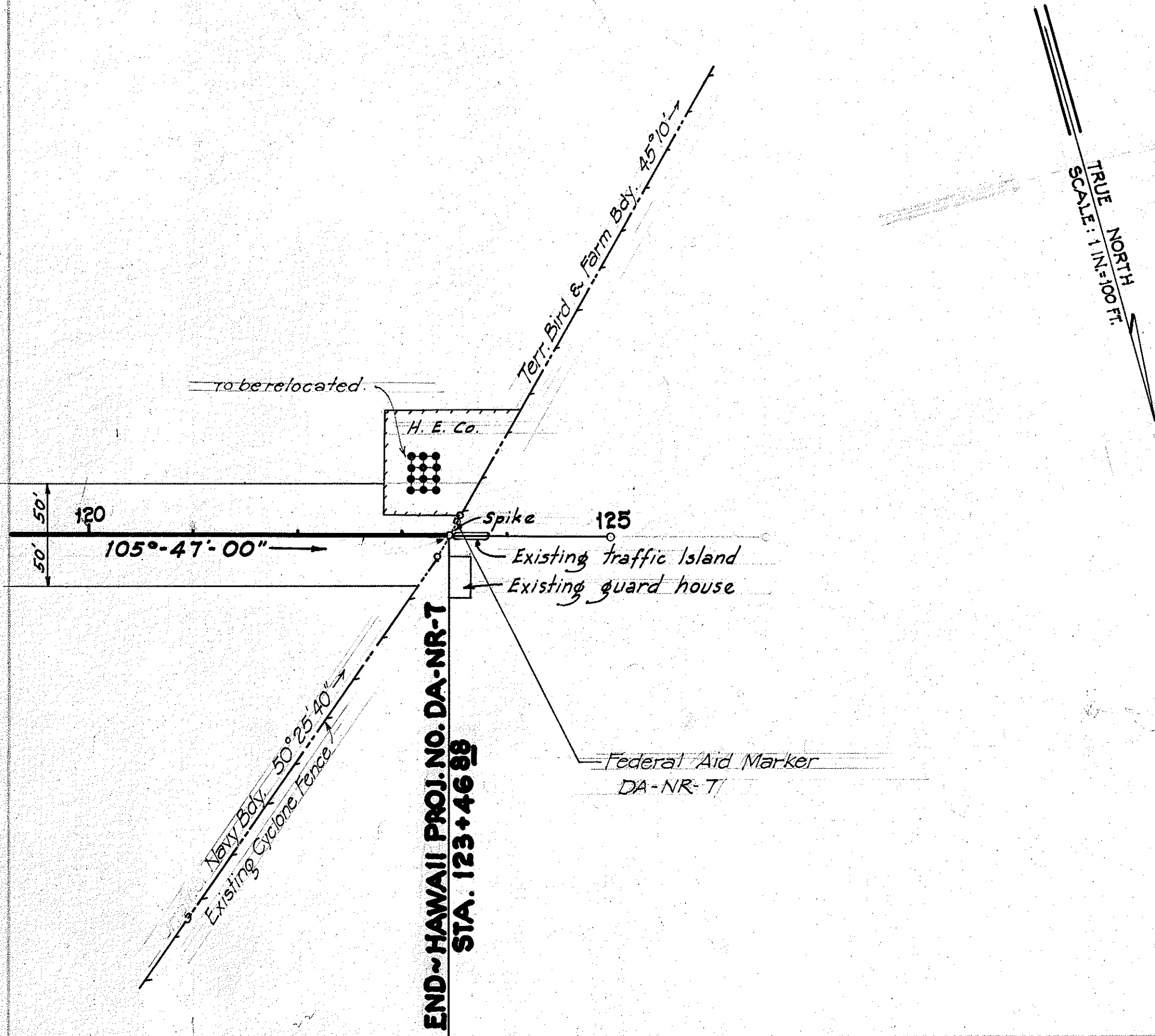
-8.46%

+2.20%

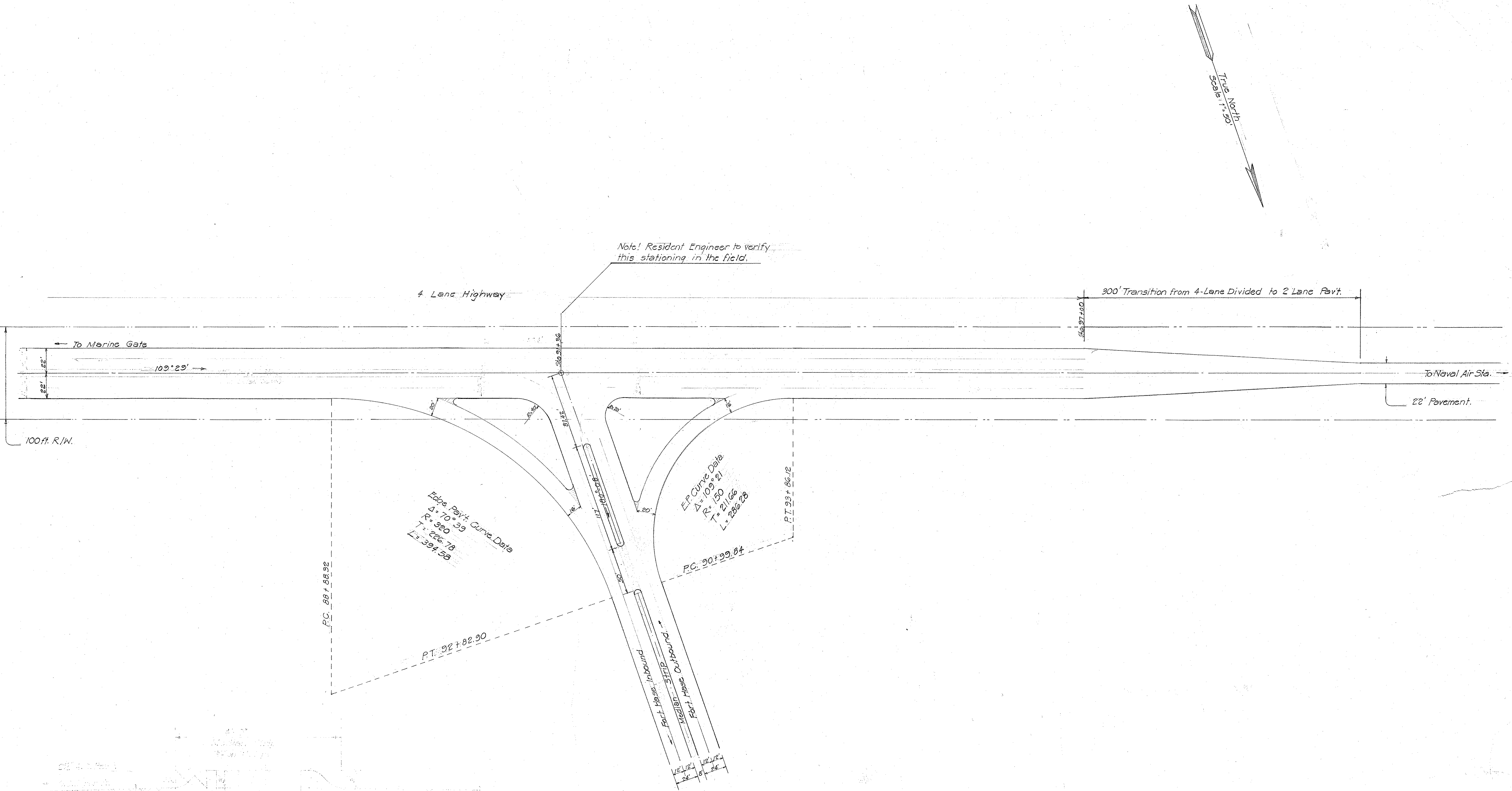
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	DA-114-7	1943	7A	12

PLAN	SHEETED	DATE
NOTE: TOOK ALIQUOT CHECKED		
NO. OF VARY CHECKED		

PROFILE	SHEETED	DATE
NOTE: BOOK GRADES CHECKED		
NO. OF VARY CHECKED		



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw.	DA-NR70	1943	7-B	72

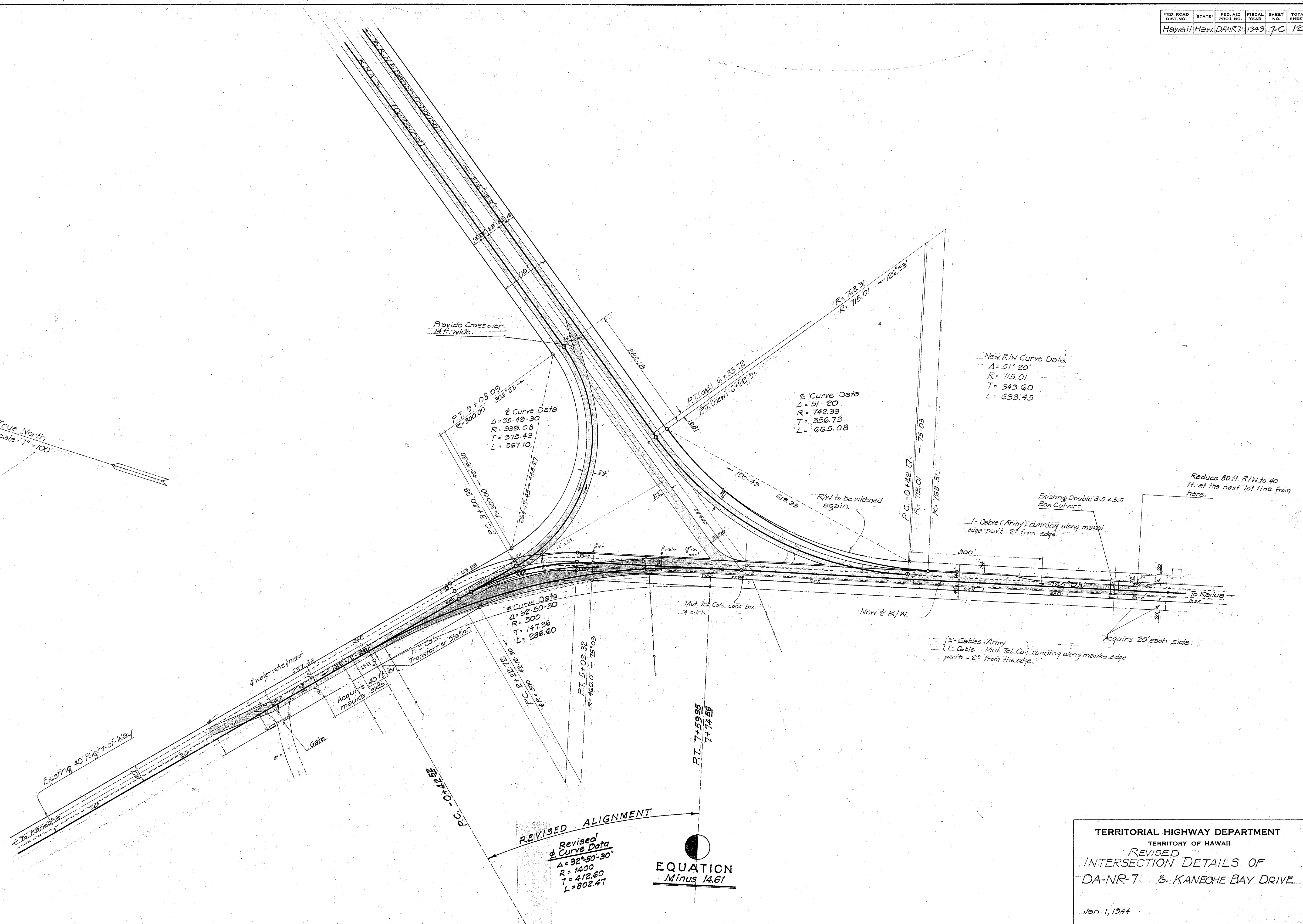
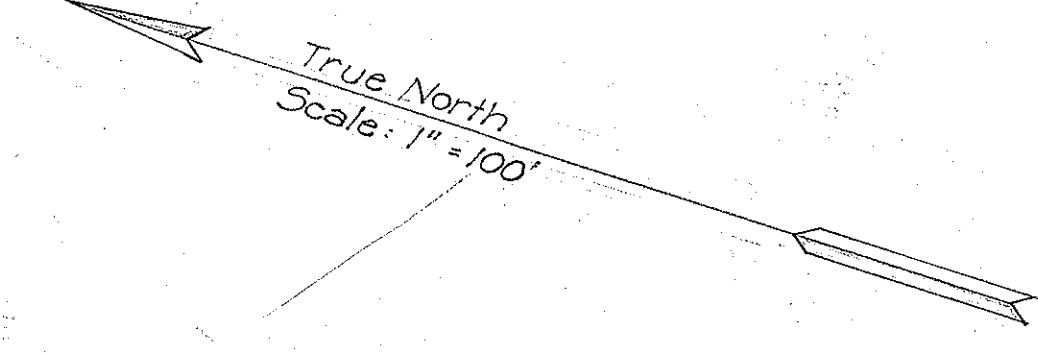


Revised June, 1943

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	TRACED BY	"
No.	QUANTITIES CHECKED BY	"
	CHECKED BY	"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

INTERSECTION DETAILS -
DA-NR 7(1) and FT. HASE RD.



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	DRAWN BY	
	QUANTITIES CHECKED BY	
	CHECKED BY	

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
 INTERSECTION DETAILS OF
 DA-NR-7 & KANEOHE BAY DRIVE
 Jan. 1, 1944

