

NOTE: All existing Stonewall Fences within Right-of-Way shall be removed and reconstructed at locations as indicated.

All new gates shall be Rust-Resistant Aluminum Gates 12 feet wide, 5 feet high, with Rust-Resistant Appurtenances.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw	5229(1)	1950	13	62
		Unit 2			
		11-24-50			
		12-20-50			

EDGE OF PAVEMENT - CURVE DATA

$\Delta = 12^\circ 40' 50''$	$\Delta = 72^\circ 35' 20''$
$D = 47.7465'$	$D = 150.77842'$
$R = 120.00$	$R = 38.00$
$T = 13.3335$	$T = 27.91$
$L = 26.56$	$L = 48.14$
$C = 26.50$	$C = 44.99$

EDGE OF PAVEMENT - CURVE DATA

$\Delta = 12^\circ 40' 50''$	$\Delta = 58^\circ 45' 20''$
$D = 47.7465'$	$D = 150.77842'$
$R = 120.00$	$R = 38.00$
$T = 13.3335$	$T = 21.39$
$L = 26.56$	$L = 38.97$
$C = 26.50$	$C = 37.28$

EDGE OF PAVEMENT - CURVE DATA

$\Delta = 12^\circ 40' 50''$	$\Delta = 70^\circ 31' 20''$
$D = 47.7465'$	$D = 150.77842'$
$R = 120.00$	$R = 38.00$
$T = 13.3335$	$T = 26.87$
$L = 26.56$	$L = 46.77$
$C = 26.50$	$C = 43.28$

EDGE OF PAVEMENT - CURVE DATA

$\Delta = 12^\circ 40' 50''$	$\Delta = 56^\circ 41' 20''$
$D = 47.7465'$	$D = 150.77842'$
$R = 120.00$	$R = 38.00$
$T = 13.3335$	$T = 20.50$
$L = 26.56$	$L = 36.93$
$C = 26.50$	$C = 36.08$

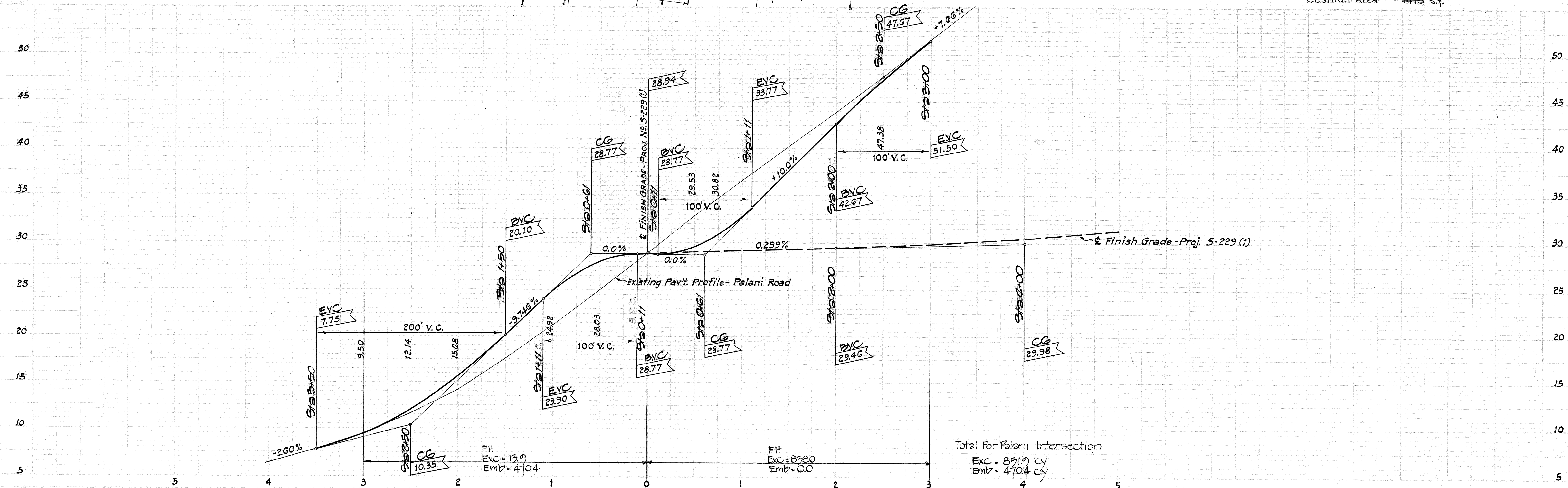
INTERSECTION DETAIL PALANI ROAD FEDERAL AID SECONDARY - PROJ. NO. S-229 (1) (UNIT 2) KAILUA - KEAUHOU ROAD

SCALE: 1" = 20'-0" APRIL 1950

ESTIMATED QUANTITIES

Unclassified Exc.	= 360 c.y.	852
Embankment	= 422 c.y.	
Pavement Area	= 1180 sq. ft.	
Cushion Area	= 1180 sq. ft.	

- LEGEND**
- Symbol for existing Stonewall Fences
 - Symbol for Reconstructed Stonewall Fences
 - Symbol for Construction of New Stonewall Fences
 - Symbol for New Standard Wire Fences



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EDGE OF PAV'T - CURVE DATA
Δ : 43° 08'
D : 57° 00'
R : 100.52
T : 39.73
L : 75.67
C : 73.90

NOTE! Construct smooth and easy riding connection to existing pavement.
350'-500' From Stop Sign.

EDGE OF PAV'T - CURVE DATA
Δ : 64° 38' 20" Δ : 12° 40' 50"
D : 150.7784° D : 47.7465°
R : 38.00 R : 120.00
T : 24.04 T : 13.3335
L : 42.87 L : 26.56
C : 40.63 C : 26.50

EDGE OF PAV'T - CURVE DATA
Δ : 111° 30' 20" Δ : 12° 40' 50"
D : 150.7784° D : 47.7465°
R : 38.00 R : 120.00
T : 55.82 T : 13.3335
L : 73.95 L : 26.56
C : 62.82 C : 26.50

EDGE OF PAV'T - CURVE DATA
TT 10' 10" Δ : 64° 38' 20" Δ : 12° 40' 50"
90.031' D : 150.7784° D : 47.7465°
63.64' R : 38.00 R : 120.00
50.01' T : 24.04 T : 13.3335
85.88' L : 42.87 L : 26.56
C : 40.63 C : 26.50

NOTE! Construct smooth and easy riding connection to existing pavement.

NOTE! All noted elevations are finished grade elevation.

All existing Stonewall Fences within Right-of-Way Boundary shall be removed and reconstructed at locations as indicated.

LEGEND

- Symbol for existing Stonewall Fences
- Symbol for Reconstructed Stonewall Fences
- Symbol for Construction of New Stonewall Fences
- Symbol for New Standard Wire Fences

ESTIMATED QUANTITIES

Unclassified Exc. = 100 cy.
Pavement Area = 780 sq.
Cushion Area = 800 sq.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
INTERSECTION DETAIL
KAILUA-KEAUHOU ROAD
FEDERAL AID SECONDARY- PROJ. NO. 5-229(1)
STA 25+00 (UNIT 2)
SCALE: 1" = 10'-0" APRIL 1950
SHEET NO. OF SHEETS

ESTIMATED QUANTITIES

Unclassified Exc.	=	500 CY	425 c.y.
Pavement Area	=	1042 SY	1175 s.y.
Cushion Area	=	1665 SY	

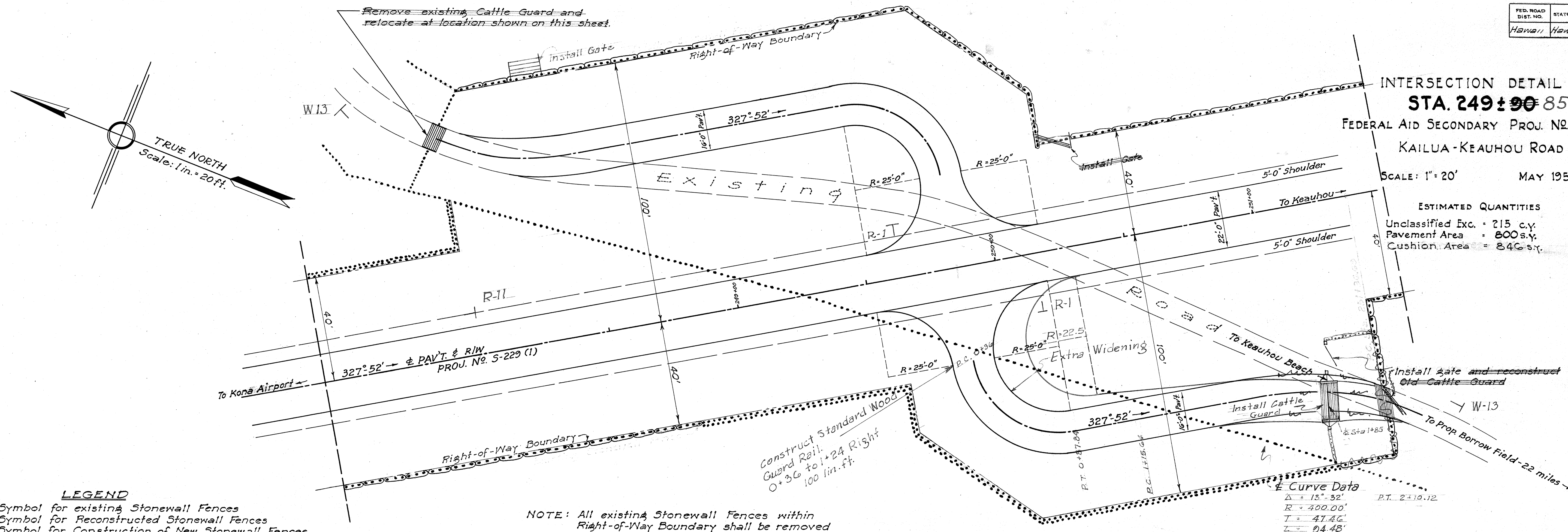


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	3225 (1) (Unit 2)	1950	16	62
11-24-50 12-20-50					

INTERSECTION DETAIL
STA. 249±90.85
 FEDERAL AID SECONDARY PROJ. NO. S-229 (1) (UNIT 2)
 KAILUA-KEAUHOU ROAD

Scale: 1" = 20' MAY 1950

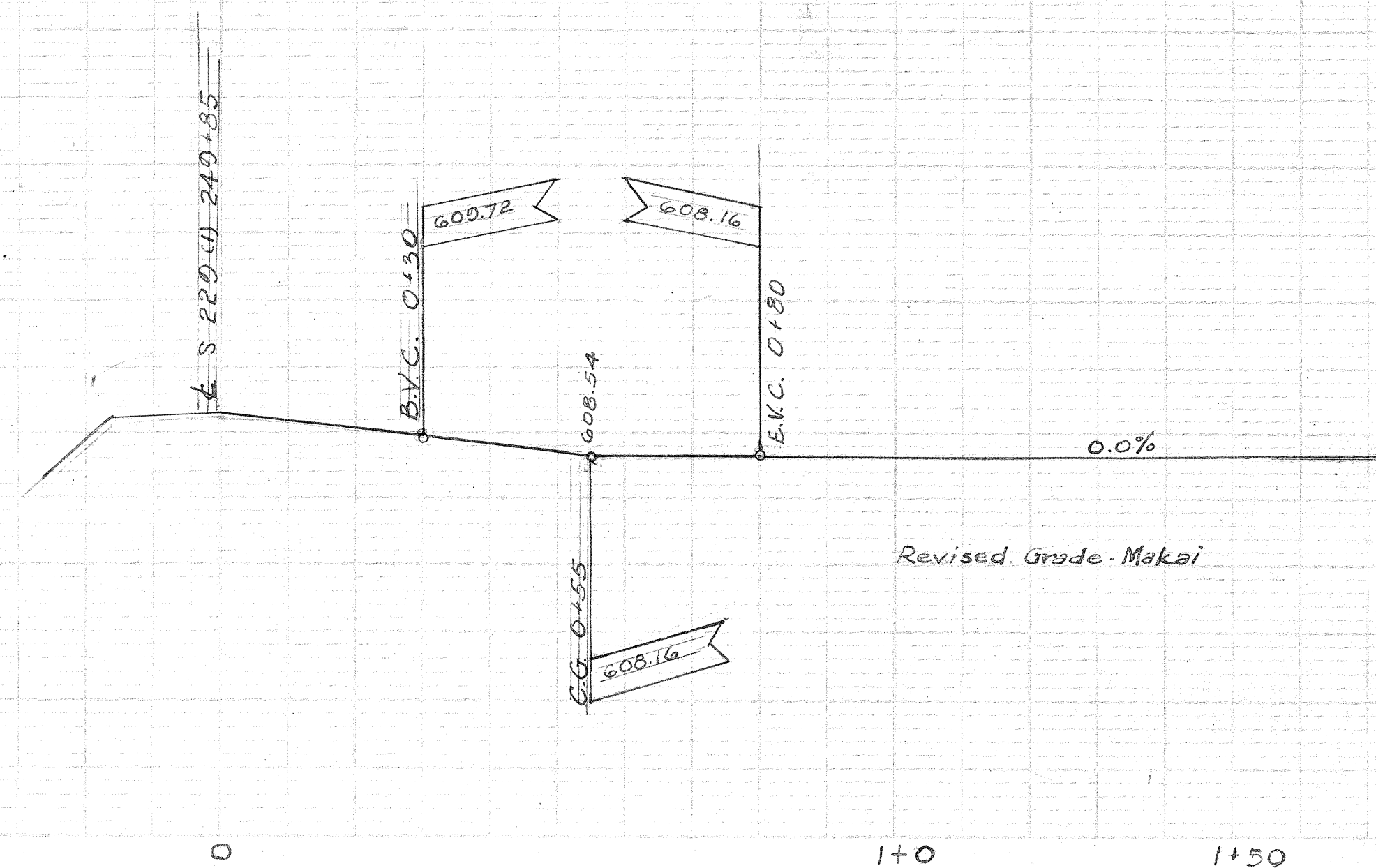
ESTIMATED QUANTITIES
 Unclassified Exc. = 215 c.y.
 Pavement Area = 800 s.y.
 Cushion Area = 846 s.y.



LEGEND

- Symbol for existing Stonewall Fences
- Symbol for Reconstructed Stonewall Fences
- Symbol for Construction of New Stonewall Fences
- Symbol for New Standard Wire Fences

NOTE: All existing Stonewall Fences within Right-of-Way Boundary shall be removed and reconstructed at locations as indicated.



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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw	5229(1)	1950	17	62

11-24-50
12-20-50
W-8-L
Spk. #1
Spk. #2

LEGEND
 Symbol for existing Stonewall Fences
 - - - - - Symbol for Reconstructed Stonewall Fences
 (---) Symbol for Construction of New Stonewall Fences
 --- Symbol for New Standard Wire Fences

NOTE: All existing Stonewall Fences within Right-of-Way Boundary shall be removed and reconstructed at locations as indicated.

Curve Data
 $\Delta = 38^\circ 30'$
 $D = 20^\circ 00' 23'' 00$
 $R = 286.48$
 $T = 100.04$
 $L = 192.50$
 $C = 182.90$

Curve Data
 $\Delta = 21^\circ 15'$
 $D = 15^\circ 00'$
 $R = 381.97$
 $T = 71.66$
 $L = 141.67$
 $C = 140.86$

NOTE! Construct smooth and easy riding connection to existing pavement.

Install F.A. Marker S-229(1)

END OF PROJECT - S-229(1)
 STA. 341+70
 STA. 342+00

INTERSECTION DETAIL **KAILUA-KEAUHOU ROAD**

FEDERAL AID SECONDARY~ PROJ. NO. S-229(1)(UNIT 2)

STA. 340 ± 00

SCALE: 1" = 20.0'

APRIL 1950

ESTIMATED QUANTITIES

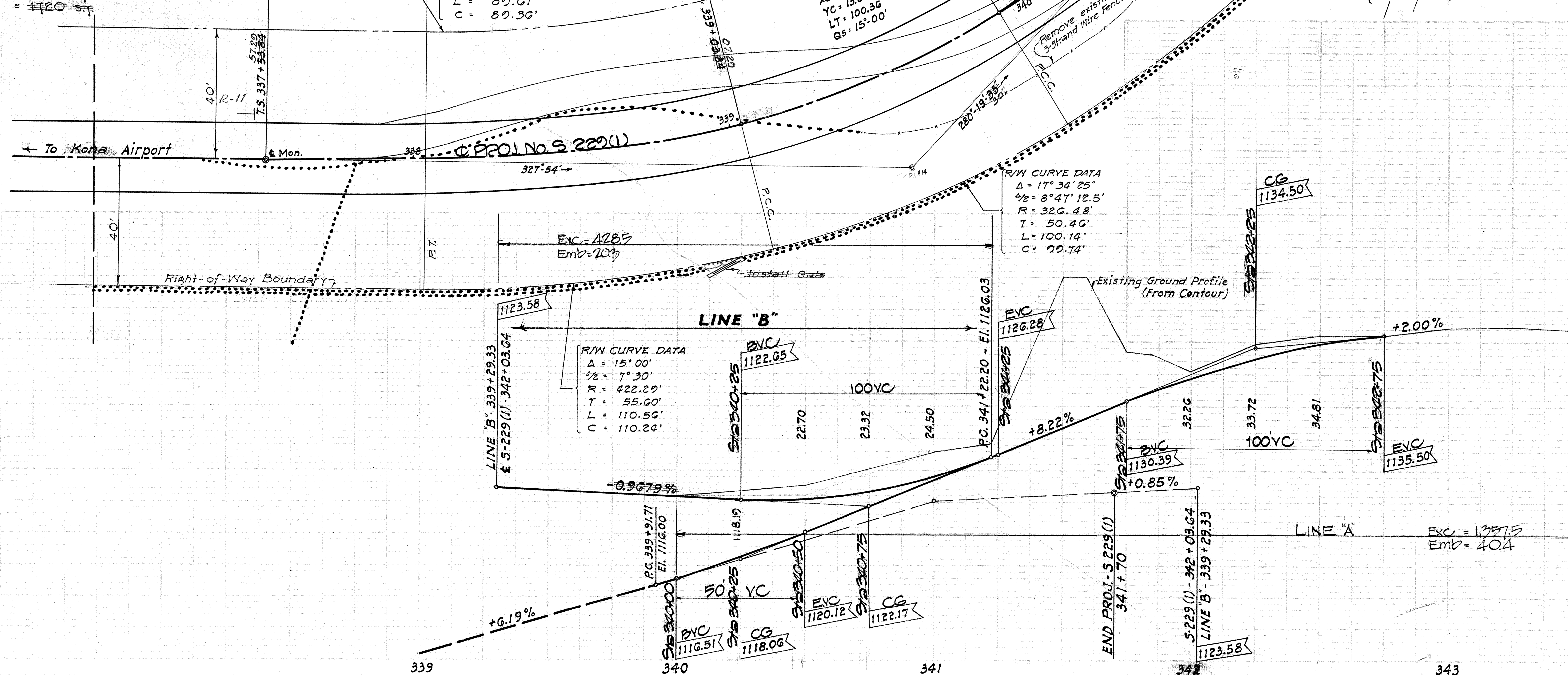
Unclassified Excavation : 1950 cy
 Embankment : 55 cy
 Pavement Area : 1071 sq. ft.
 Cushion Area : 1120 sq. ft.

Quantities are approximate

R/W CURVE DATA
 $\Delta = 15^\circ 00'$
 $\frac{1}{2}\Delta = 7^\circ 30'$
 $R = 342.20'$
 $T = 45.06'$
 $L = 80.61'$
 $C = 80.36'$

Curve Data
 $\Delta = 47^\circ 34' 25''$
 $D = 20^\circ 00'$
 $L = 180.00$
 $T = 202.54$
 $YC = 148.98$
 $XC = 13.03$
 $LT = 100.36$
 $QS = 15^\circ 00'$

R/W CURVE DATA
 $\Delta = 15^\circ 00'$
 $\frac{1}{2}\Delta = 7^\circ 30'$
 $T = 55.60'$
 $R = 422.20'$
 $L = 110.56'$
 $C = 110.24'$



Total For Line "A" & "B"
 Exc = 17860 cy
 Emb = 607 cy

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