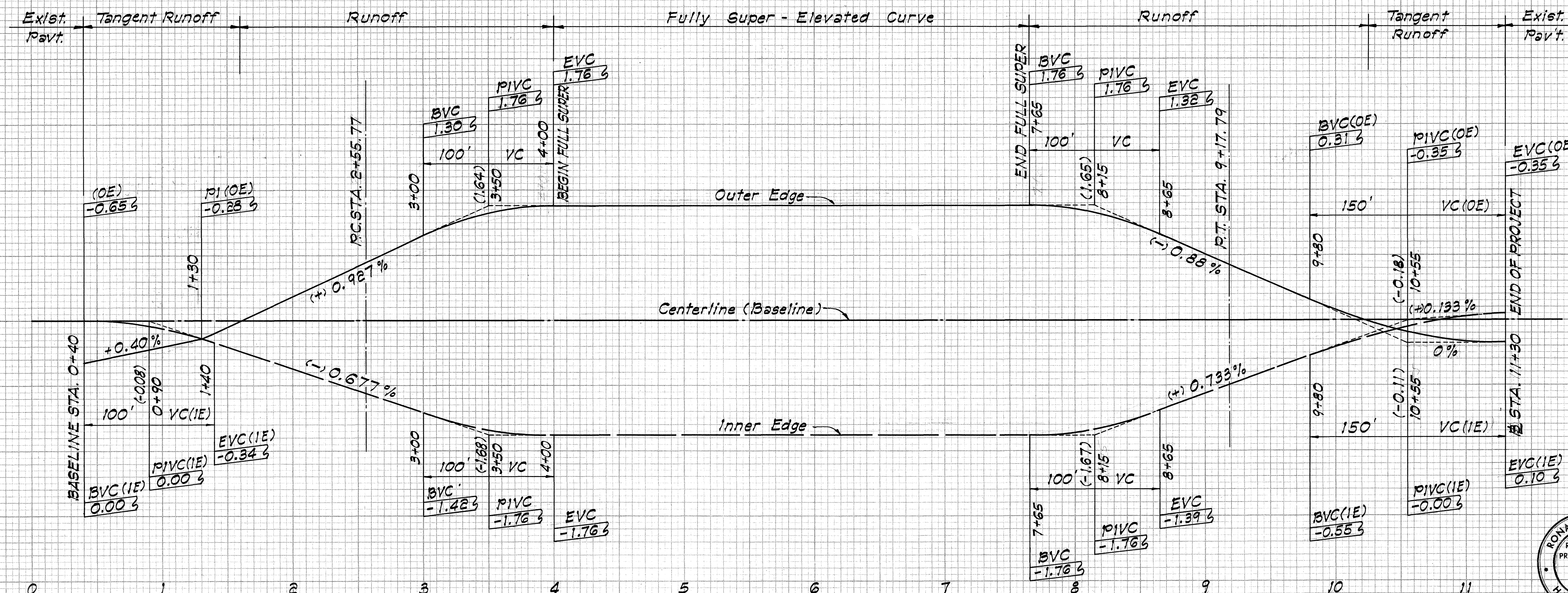
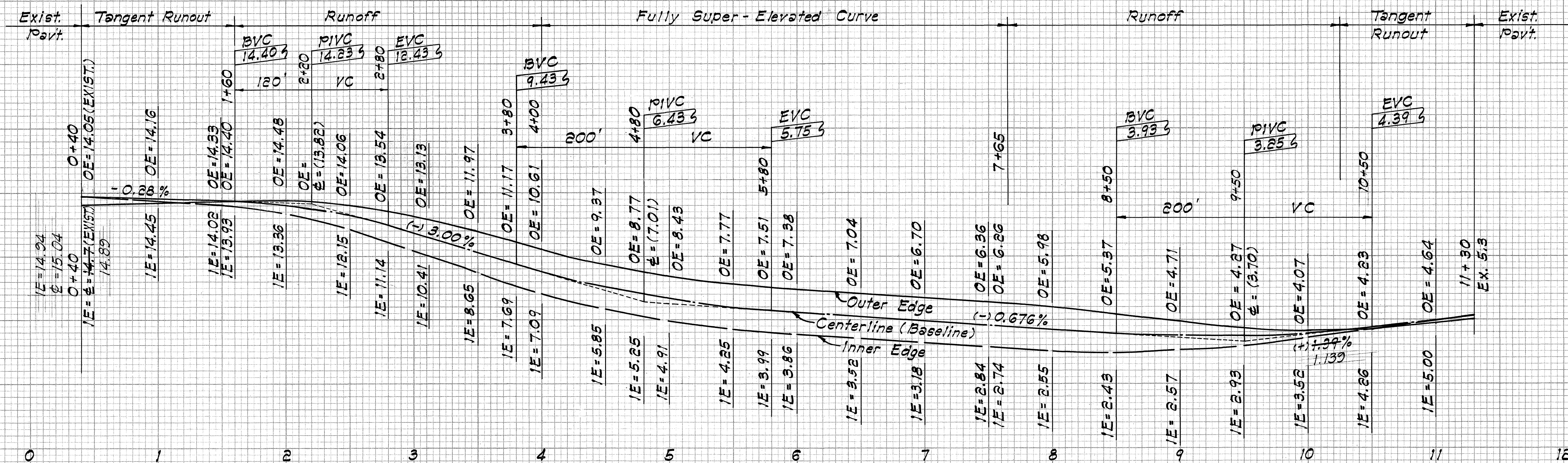


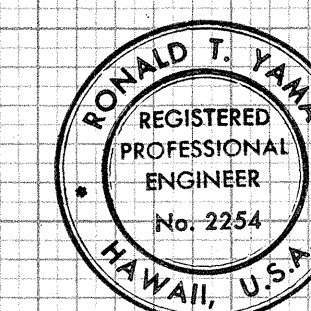
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-092-1(8)	1970	6	41



SUPER-ELEVATION DATA

DESIGN CRITERIA

$V = 35 \text{ mph}$
 $R = 329.50 \text{ ft. (4)}$
 $D = 17.33$
 $f = 0.155$
 $e = 0.09$
 $e + f = 0.248 \text{ (Calculated)}$
 $e + f = \frac{V}{15R}$
 $USE e = 0.09$
 $d = 39 \times 0.09 = 3.52 \text{ ft.}$



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Ronald T. Yama

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DATA

NIMITZ HIGHWAY IMPROVEMENTS
 SUMNER STREET TO AWA STREET
 PROJECT NO. U-092-1(8)

SCALE: AS NOTED

DATE: MAY 1969

SHEET NO. 1 OF 1 SHEETS