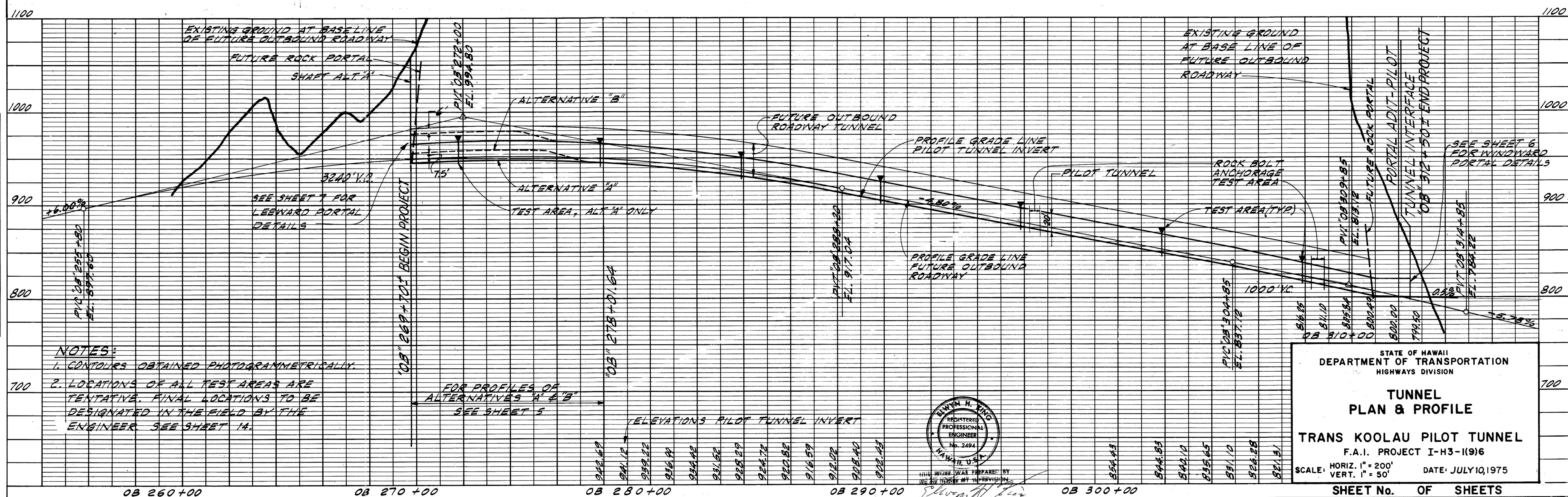
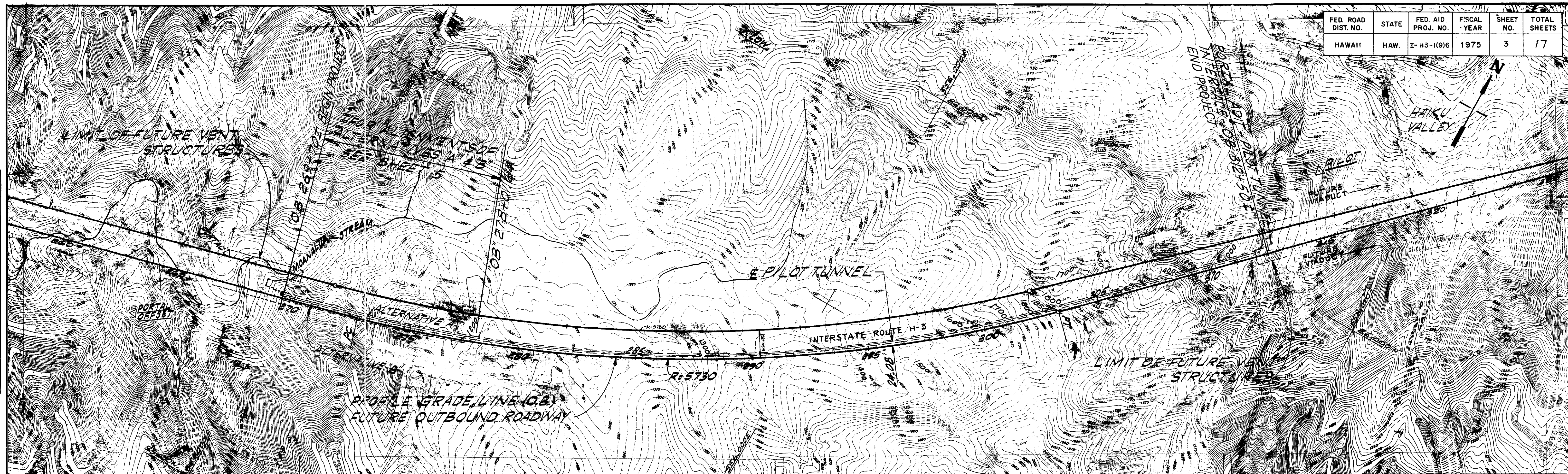
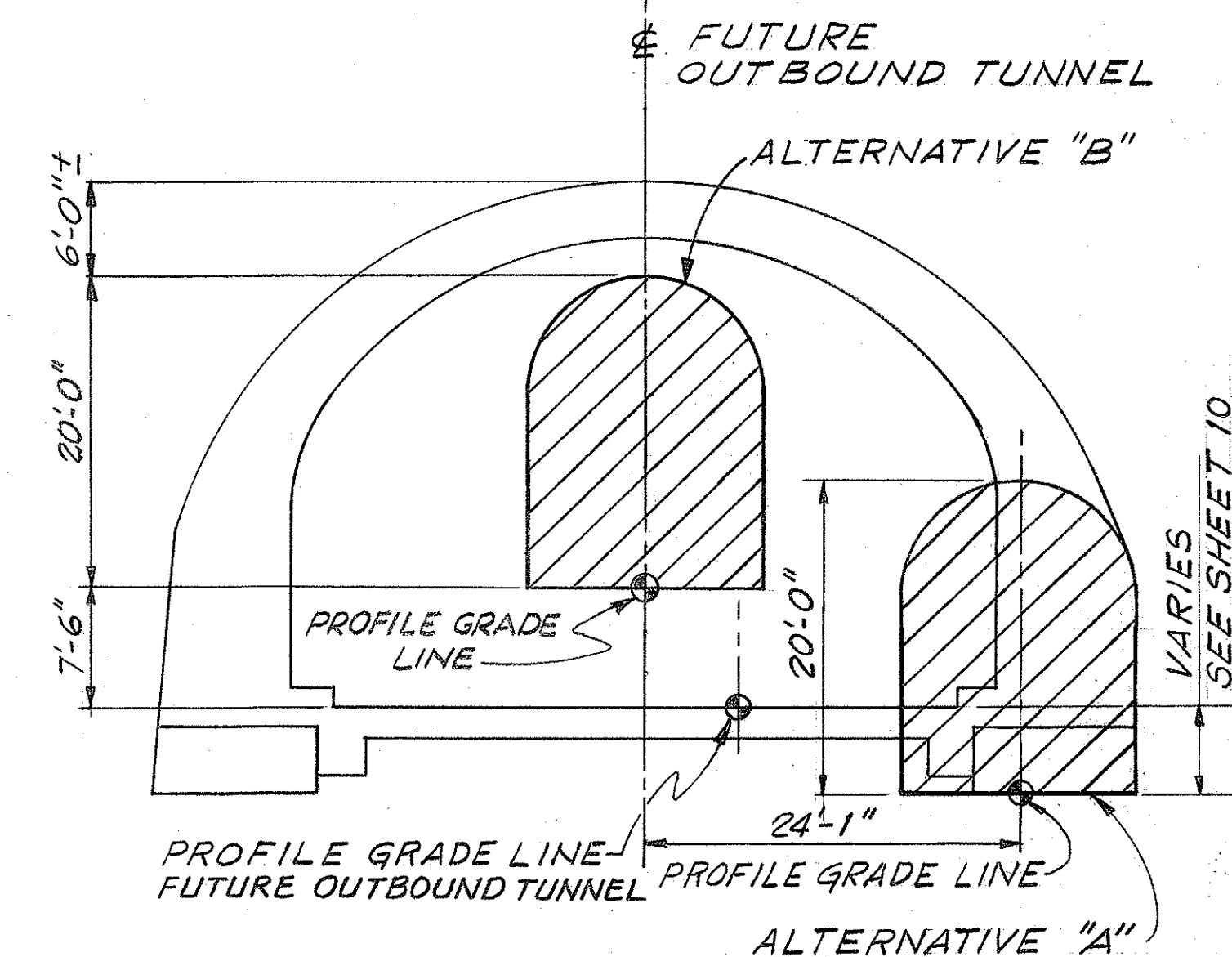
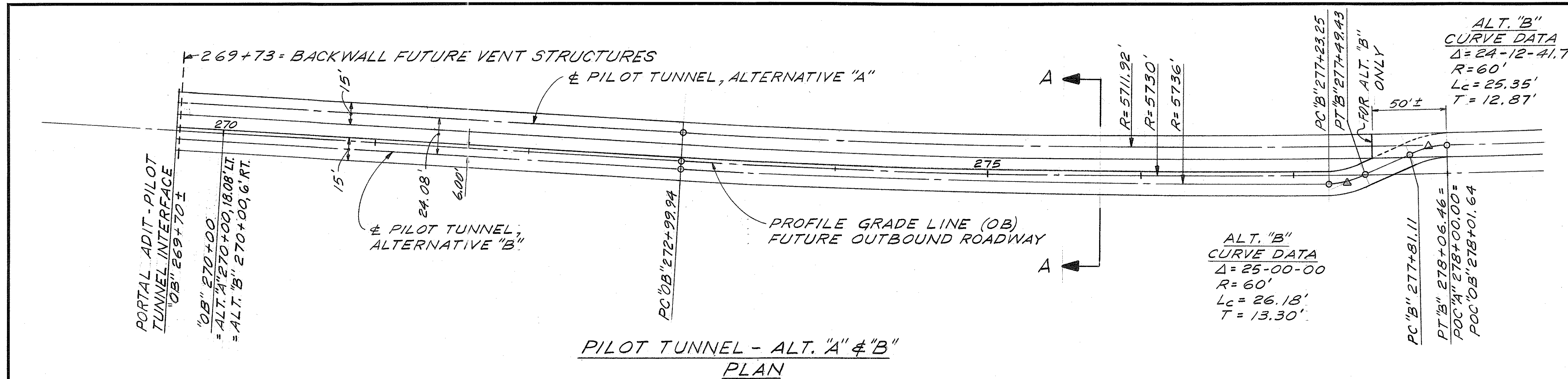


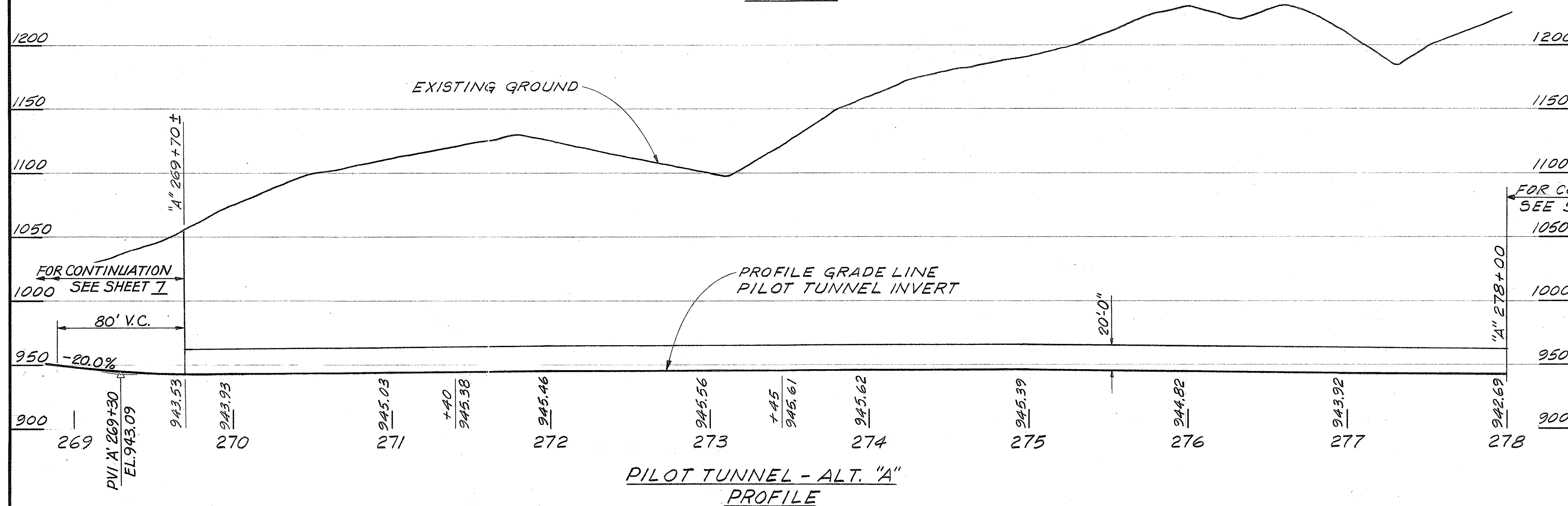
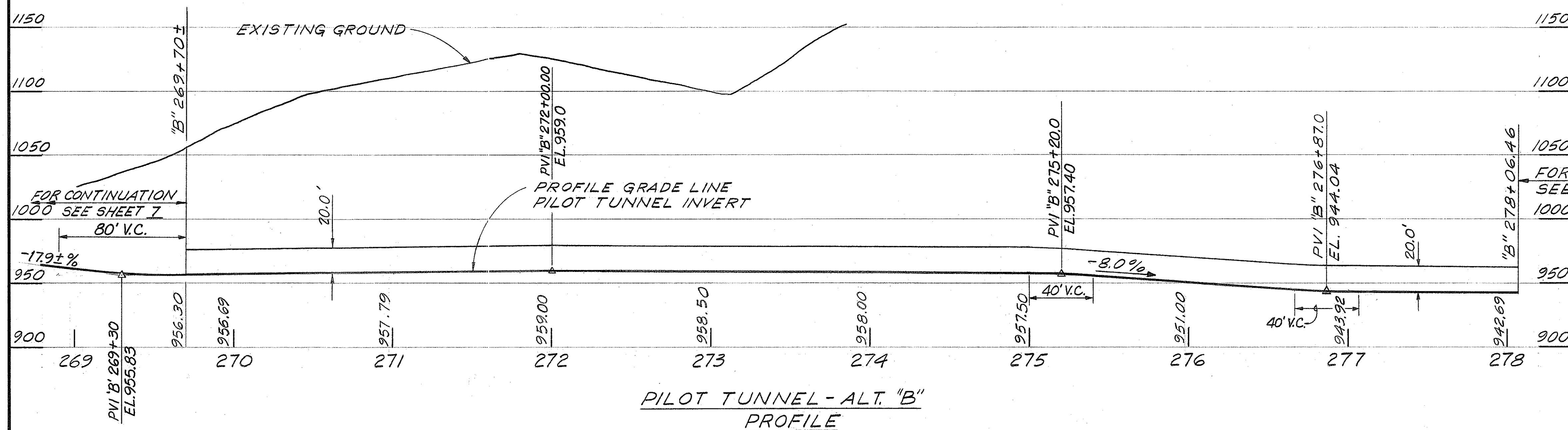
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(9)6	1975	3	17



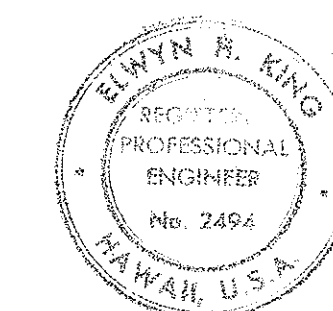
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-I(9)6	1975	5	17



CONSTRUCTION ALTERNATIVES
SECTION A-A
SCALE: 1" = 10'



- NOTES:
1. BEGINNING OF ALTERNATIVE "B" TO BE DETERMINED IN THE FIELD.
 2. AT CONTRACTOR'S OPTION, THE HORIZONTAL ALIGNMENT TRANSITION FOR ALTERNATIVE "B" AS SHOWN MAY BE INCREASED IN LENGTH UP TO 120' MAXIMUM.
 3. AT CONTRACTOR'S OPTION AND SUBJECT TO 1. ABOVE, GRADIENTS AND VERTICAL CURVES FOR ALTERNATIVE "B" BETWEEN STATIONS 274 AND 278 MAY BE ALTERED TO MEET EQUIPMENT NEEDS.
 4. SEE SHEET 11 FOR PROCEDURE FOR TRANSITIONING FROM ROCK TO SOFT GROUND IN ALTERNATIVE "B".



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

Elwyn H. King

Special Agent in Charge

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

LEEWARD PORTAL AREA ALTERNATIVES "A" & "B"

TRANS KOOLAU PILOT TUNNEL

PROJECT N^o I-H3-1(9)6
SCALE: HOR. 1" = 40'
VERT. 1" = 50' DATE: JULY 10, 1975

SHEET No. OF SHEETS