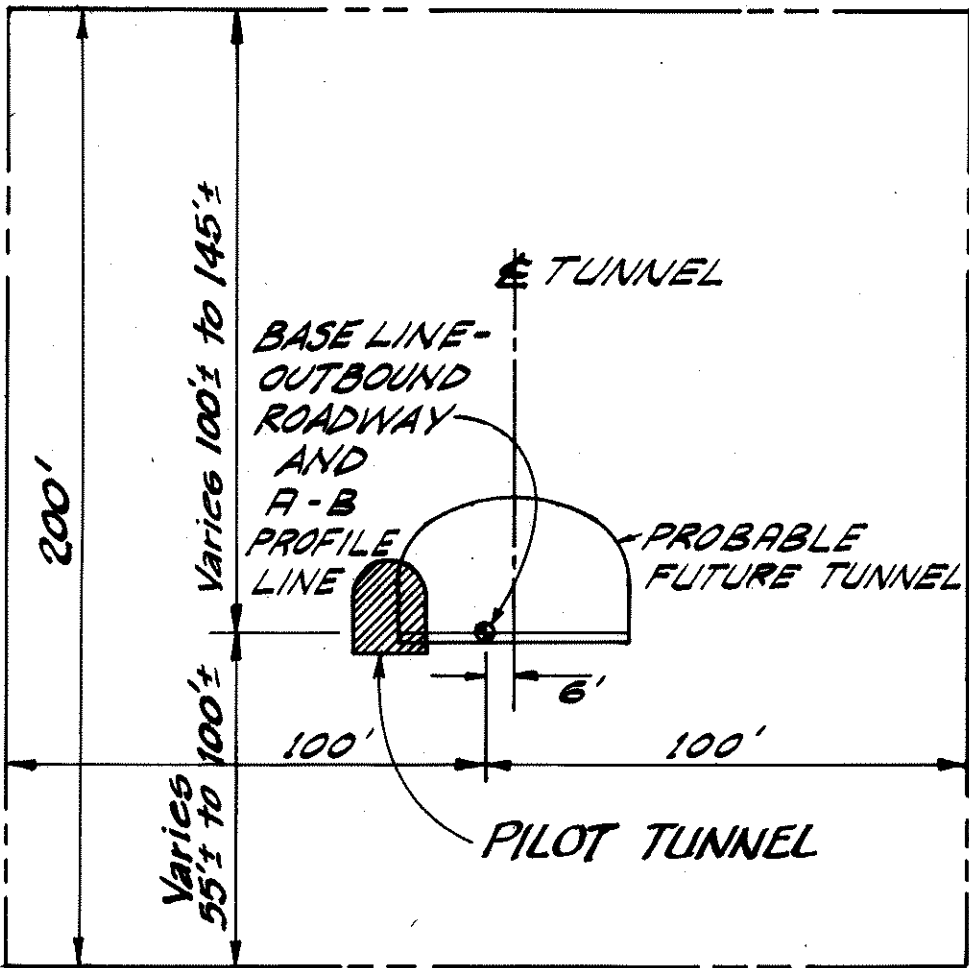
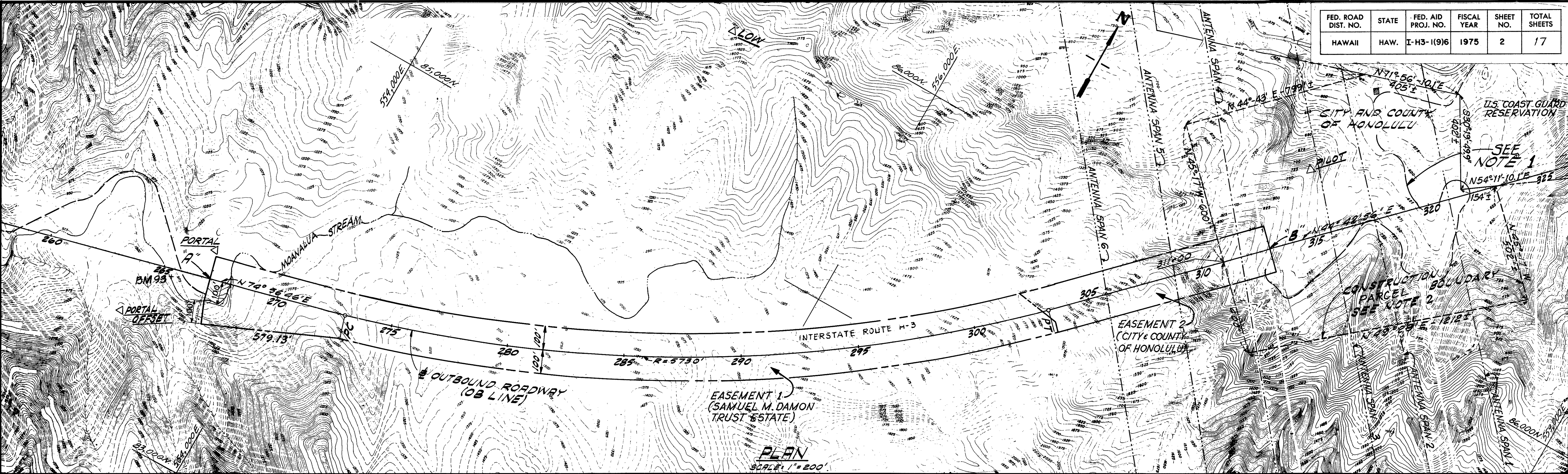


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(9)6	1975	2	17



CROSS SECTION OF EASEMENTS 1 & 2
ALONG LINE A-B
SCALE: 1" = 40'

ALIGNMENT DATA OF BASE LINE - OUTBOUND ROADWAY

POINT	STATION	COORDINATES		CURVE DATA
		N	E	
A	08 267+00.00	83,791.65	553,710.31	$\Delta = 30^\circ 13' 50.0''$ $R = 5730.00'$ $L = 3023.25'$ $T = 1547.71'$
PC	08 272+99.34	83,947.32	554,289.09	
PI		84,349.30	555,783.69	
PT	08 303+22.62	85,449.12	556,872.64	
B	08 313+00.00	86,142.00	557,560.00	

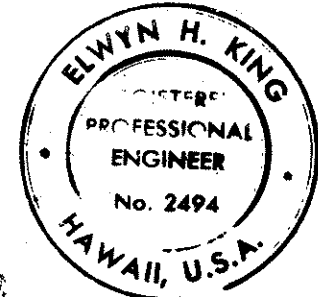
ELEVATIONS: A: 758.68 B: 794.92

NOTES:

1. A TEMPORARY RIGHT OF ENTRY PERMIT HAS BEEN OBTAINED FOR A TEMPORARY ACCESS/HAUL ROAD FOR ABOUT ONE MILE TO THE COASTGUARD ROAD. LOCATE IN THE FIELD.
2. CONSTRUCTION FACILITIES WITHIN THE WINDWARD EASEMENT ARE LIMITED TO THE FOLLOWING MAXIMA:
 - a) TWO ACRES FOR CONSTRUCTION SUPPORT, BUILDINGS, STORAGE, PARKING, ETC. THE AREA MAY BE BROKEN INTO MORE THAN ONE PARCEL.
 - b) ONE MILE FOR ACCESS ROADS.
3. ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL.
4. COORDINATES ARE IN THE HAWAIIAN PLANE COORDINATE SYSTEM, ZONE 3, AND ARE FROM THE REVISED PRIMARY NET, 1972.
5. CONTOURS OBTAINED PHOTOGRAMMETRICALLY.

CONTROL POINTS

POINT	COORDINATES		ELEVATION
	N	E	
ROADSIDE	81,323.61	549,845.06	656.607
SIDING	81,304.76	550,249.23	723.863
TRANSFER	82,772.57	551,429.80	841.115
TUNNEL SOUTH	83,029.06	552,482.06	894.470
PORTAL OFFSET	83,488.66	553,450.02	1063.230
PORTAL	83,909.42	553,669.40	1021.197
LOW	85,808.18	555,123.53	1892.20
PILOT	86,523.55	557,544.36	716.8
TRAM	87,063.73	558,510.69	706.1
TUNNEL NORTH	86,903.17	560,222.00	849.66
BENCH MARKS:	84		679.570
(See this sheet for BM 93)	88		798.849
Other BMs listed are within Moanalua Valley	93		966.292
	H3-46		656.607
	H3-49		741.185



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT, CONTROL
AND RIGHT-OF-WAY

TRANS KOOLAU PILOT TUNNEL
F.A.I. PROJECT I-H3-1(9)6

SCALE: AS NOTED DATE: JULY 10, 1975

SHEET No. OF SHEETS