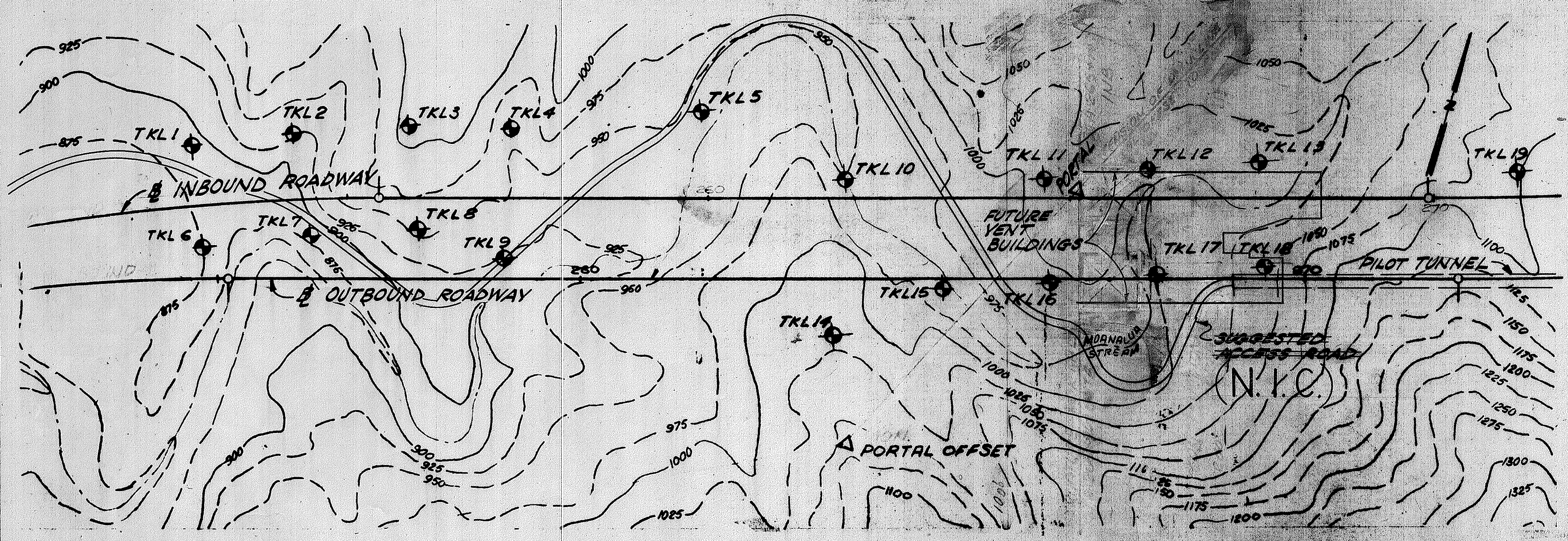
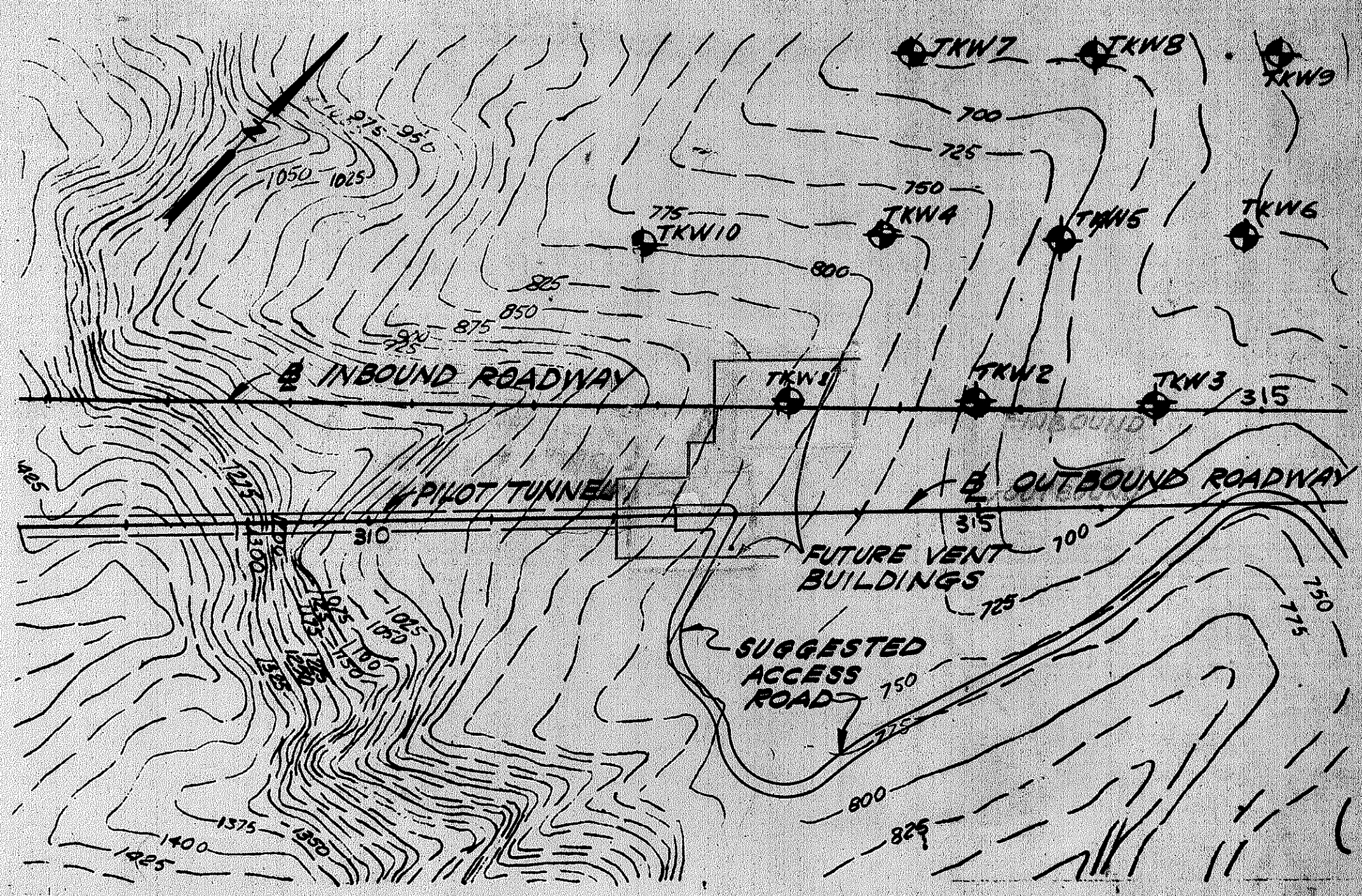


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(9)6	1975	9	17



LEEWARD PORTAL - BORING PLAN
SCALE = 1"=100'



WINDWARD PORTAL - BORING PLAN
SCALE = 1"=100'

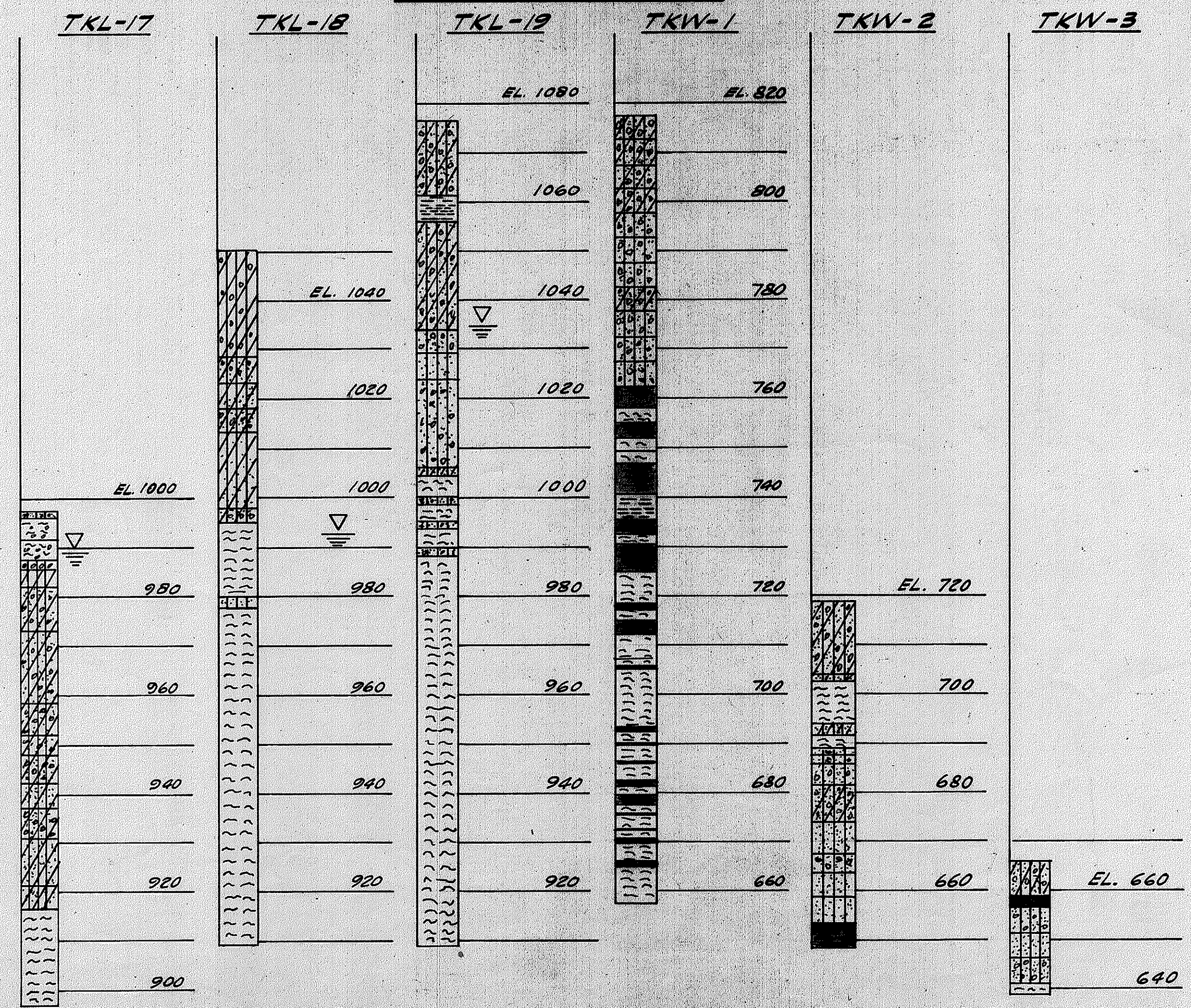
BORING DATA SUMMARY

BORING NUMBER	SAMPLE DEPTH	UNCONFINED COMPRESSION TEST SAMPLE LENGTH	COMPRESSION FAILURE STRESS	SPLITTING TENSILE TEST SAMPLE LENGTH	TENSION FAILURE STRESS	DRY DENSITY
	FEET	INCHES	POUNDS/SQ. IN.	INCHES	POUNDS/SQ. IN.	POUNDS/CU. FT.
TKL-7	75'-76'	4.01	1050	4.03	125	96
TKL-7	83'-84'	2.76	2100	NOTE 2	—	116.6
TKL-12	79'-80'	3.83	360	NOTE 2	—	88.4
TKL-12	101'-103'	4.62	1650	NOTE 2	—	106.8
TKL-13	113'-114'	4.75	2800	3.43	464	117.1
TKL-18	81'-82'	3.58	1600	1.67	268	99.1
TKL-18	115'-116'	3.10	3450	NOTE 2	—	139.0
TKW-4	50'-55'	4.44	3500	2.23	470	124.4
TKW-4	60'-65'	4.36	2300	NOTE 2	—	127.6
TKW-4	70'-75'	3.55	4100	2.44	395	123.4
TKW-6	10'-13.5'	3.27	310	NOTE 2	—	94.3
TKW-6	15.5'-20'	2.80	290	NOTE 2	—	84.6
TKW-6	45'-50'	3.14	250	2.19	91	91.9
TKW-10	392'-412'	4.82	3700	NOTE 2	—	124.1
TKW-10	548'-598'	4.78	2600	3.99	214	126.7
TKW-10	852'-902'	4.73	5300	4.11	1510	136.7
TKW-10	902'-941'	4.30	6400	3.98	795	121.9

BORING NUMBER	BORING DEPTH	ELEVATIONS
		GROUND SURFACE TOP OF CORE
TKL-1	35	890 855
TKL-2	135	925 865
TKL-3	160	1010 945
TKL-4	110	965 925
TKL-5	105	940 890
TKL-6	135	875 830
TKL-7	95	880 845
TKL-8	105	955 860
TKL-9	100	925 895
TKL-10	120	950 870
TKL-11	190	1010 925
TKL-12	110	1010 935
TKL-13	121	1020 940
TKL-14	120	1030 945
TKL-15	67	970 905

BORING NUMBER	BORING DEPTH	ELEVATIONS
		GROUND SURFACE TOP OF CORE
TKL-16	80	995 940
TKL-17	100	1000 925
TKL-18	171	1040 985
TKL-19	166	1100 1015
TKW-1	160	815 770
TKW-2	70	715 655
TKW-3	27	665 640
TKW-4	145	775 740
TKW-5	70	700 670
TKW-6	65	630 —
TKW-7	40	675 660
TKW-8	45	675 630
TKW-9	25	620 595
TKW-10	160	795 780

BORING PROFILES

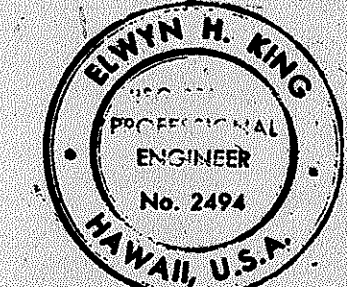


NOTES:

1. BORING LOGS AND THE ROCK TEST REPORT ARE AVAILABLE AS AUXILIARY DOCUMENTS.
2. INSUFFICIENT MATERIAL FOR TESTING; SPECIMENS FRACTURED DURING DIAMOND SAW CUTTING.
3. ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL.
4. ELEVATIONS SHOWN FOR "TOP OF CORE" ARE ELEVATIONS AT WHICH CORE BORING BEGAN.
5. BORING LOGS, TEST DATA AND REPORTS ARE SUPPLIED FOR THE CONVENIENCE OF BIDDERS ONLY AND THEIR USE IS SUBJECT TO ALL THE CONDITIONS AND LIMITATIONS SET FORTH IN SECTION 102.05 AND 104.02 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

LEGEND:

- BOULDERS AND GRAVEL
- SAND
- SILT
- CLAY
- CLAY SEAM
- DECOMPOSED AND COMPACTED ASH
- DECOMPOSED SCORIACEOUS LAVA.
- GROUNDWATER



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Elwyn H. King

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING PLANS & DATA

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

SCALE: AS NOTED DATE: JULY 30, 1970

SHEET No. 9 OF 17 SHEETS

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
QUANTITIES BY	_____
NOTES BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
IN	_____