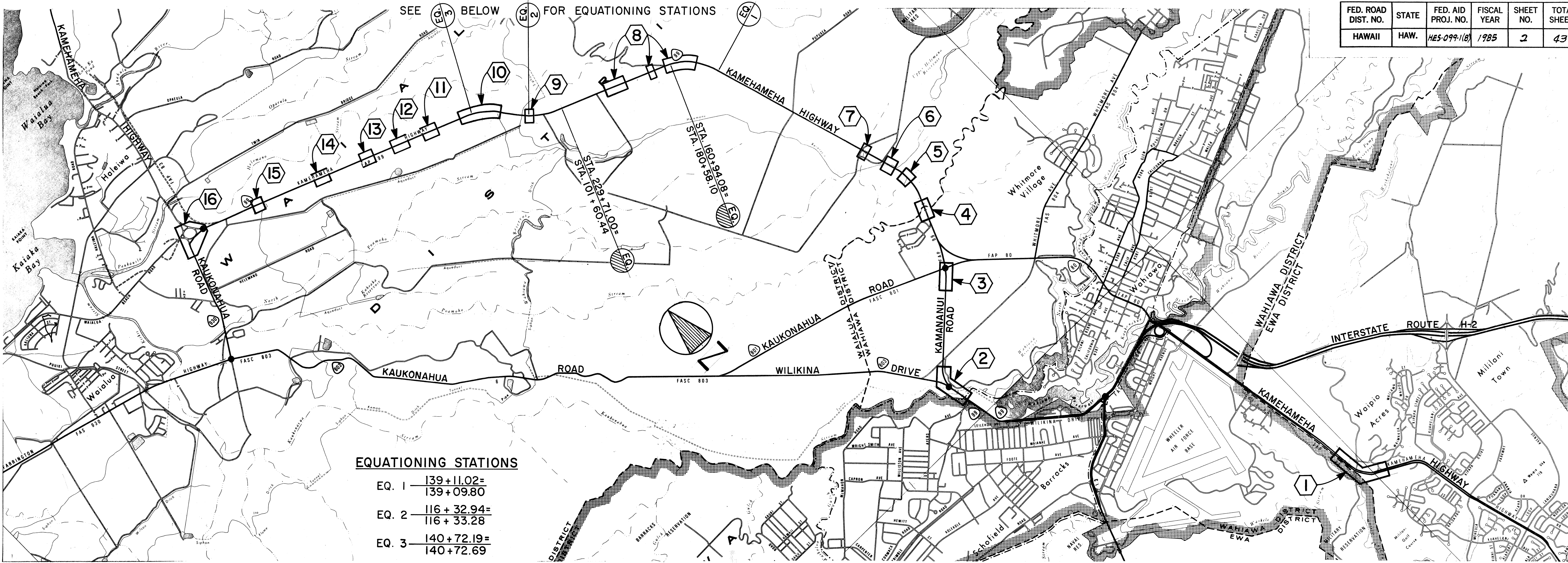


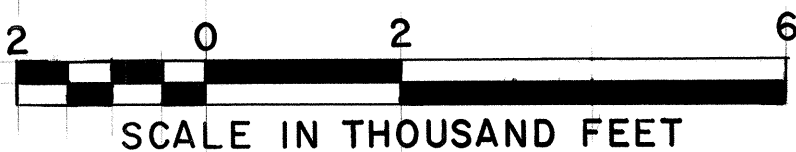
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-099-1(8)	1985	2	43



EQUATIONING STATIONS

EQ. 1	$\frac{139+11.02}{139+09.80}$
EQ. 2	$\frac{116+32.94}{116+33.28}$
EQ. 3	$\frac{140+72.19}{140+72.69}$

LAYOUT PLAN



GENERAL NOTES

- The scope of work for this project consists of upgrading existing guard rails, installing new guard rails, connections to structures, concrete ramp down of structure side-walk, reflector markers, extending pipe culverts and relocating highway lighting poles and destination signs.
- The Contractor's attention is directed to Subsection 107.13 - "Public Convenience and Safety", and Subsection 107.14 - "Barricades and Warning Signs" of the Special Provisions pertaining to peak hours of traffic, submitting a traffic control plan and other requirements necessary for providing safe movement of public traffic through the project areas.
- All guard rail layouts shall be done by the Contractor, but shall be approved by the Engineer before construction.
- Additional guard rail posts called for at connections to structures will not be measured for payment but shall be considered incidental to Item No. 606.3110 - Guard Rail, Type 3 - Single with Steel Post. The additional posts required shall include all labor, materials, tools, equipment and incidentals

necessary to complete the work. See Note No. 8 on Plan Sheet No. 12.

- Clearing and grubbing, excavation and grading of driveways will not be paid for separately but shall be considered incidental to Item No. 304.1110 - Aggregate Base.
- During Non-working hours the Contractor shall not leave any longitudinal drop at/or near the edge of pavement.

HTCO NOTES

- For field location of HTCO's facilities, obtain excavation clearance from the HTCO Plant Records Section at 3230 Ualena St. a minimum of 72 hours in advance prior to start of excavation. The Contractor shall excavate and backfill around telephone cables in the presence of Hawaiian Telephone Company Engineer or his representative. All excavation within two feet of telephone cables shall be done by hand.
- The Contractor shall notify Hawaiian Telephone Company immediately after any damage has been caused to existing cables, ductlines, pullboxes, manholes, hand-holes, poles and guys. Repair work on damaged cables shall be done by Hawaiian Telephone Company and any other work involving existing underground facilities shall be done by the Contractor in the presence of Hawaiian Telephone Company Engineer or his representative with payment for this work to be borne by the Contractor.

PLAN REFERENCE

CONSTRUCTION AREA NOS.	PLAN SHEET NOS.
1	3 & 4
2 & 3	5
4, 5, 6 & 7	6
8	7 & 8
9	8
10 & 11	9
12, 13, 14 & 15	10
16	11

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

LAYOUT PLAN AND GENERAL NOTES

GUARD RAIL AND SHOULDER
IMPROVEMENTS ON ROUTE 99
Mililani to Weed Junction
FA. PROJ. NO. HES-099-1(8)

Scale: As Shown Date: Jan., 1985
SHEET No. 1 OF 1 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
NOTED BY	DATE
NO.	