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STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

HONOLULU, HAWAII

PLANS FOR

IMPROVEMENT OF BRIDGES AT WAINIHA

KAUAI BELT ROAD

HAWAII PROJECT NO. BD 63-381, UNIT I

DISTRICT OF HANAIEI

ISLAND OF KAUAI

GENERAL NOTES

Structural Steel: All structural steel shall be Structural Carbon Steel, A.S.T.M. Designation A36.

Welding: All welding shall conform to the latest Standard Specifications for Welded Highway and Railroad Bridges (Design, Construction, Repair) of the American Welding Society.

Galvanizing: All washers, nuts, bolts and hanger rods shall be galvanized according to the requirements of subarticle 44.3 Construction Methods (H) Galvanizing. Any damage to galvanizing shall be repaired as specified in the Special Provisions.

Loading: Maximum gross vehicle load on any existing bridge of the project shall be limited to 8-tons during construction period.

Painting: All new structural steel and visible parts of new galvanized surfaces shall be painted according to the requirements of the Standard Specifications with one prime coat and two field coats. The prime coat and the first field coat shall be Red Lead Ready-Mixed Paint AASHO M 72, Type I or Type II. The finish coat shall be Black Bridge Paint AASHO M 68.

Surfaces not in contact but inaccessible after assembly or erection shall be painted two coats of Red Lead paint.

Painting shall be incidental to Structural Steel and will not be paid for separately.

Timber: All lumber shall be Douglas Fir "Construction Grade" joists and planks, 1500f, rough and welmanized according to grading and dressing rules of the West Coast lumber inspection Bureau except as otherwise specified.

Utility Line: Relocate existing 2 1/2" water main as directed by the Engineer at Bridges #2, #3A, #3B, only. Incidental to Bridge Improvement and will not be paid for separately.

Dimensions: All dimensions of the existing structures indicated on the plans shall be verified in the field by the contractor.

Railing: Salvage and rebuild existing railings as directed by the Engineer. Any salvageable material damaged through the Contractor's negligence shall be replaced at his own expense.

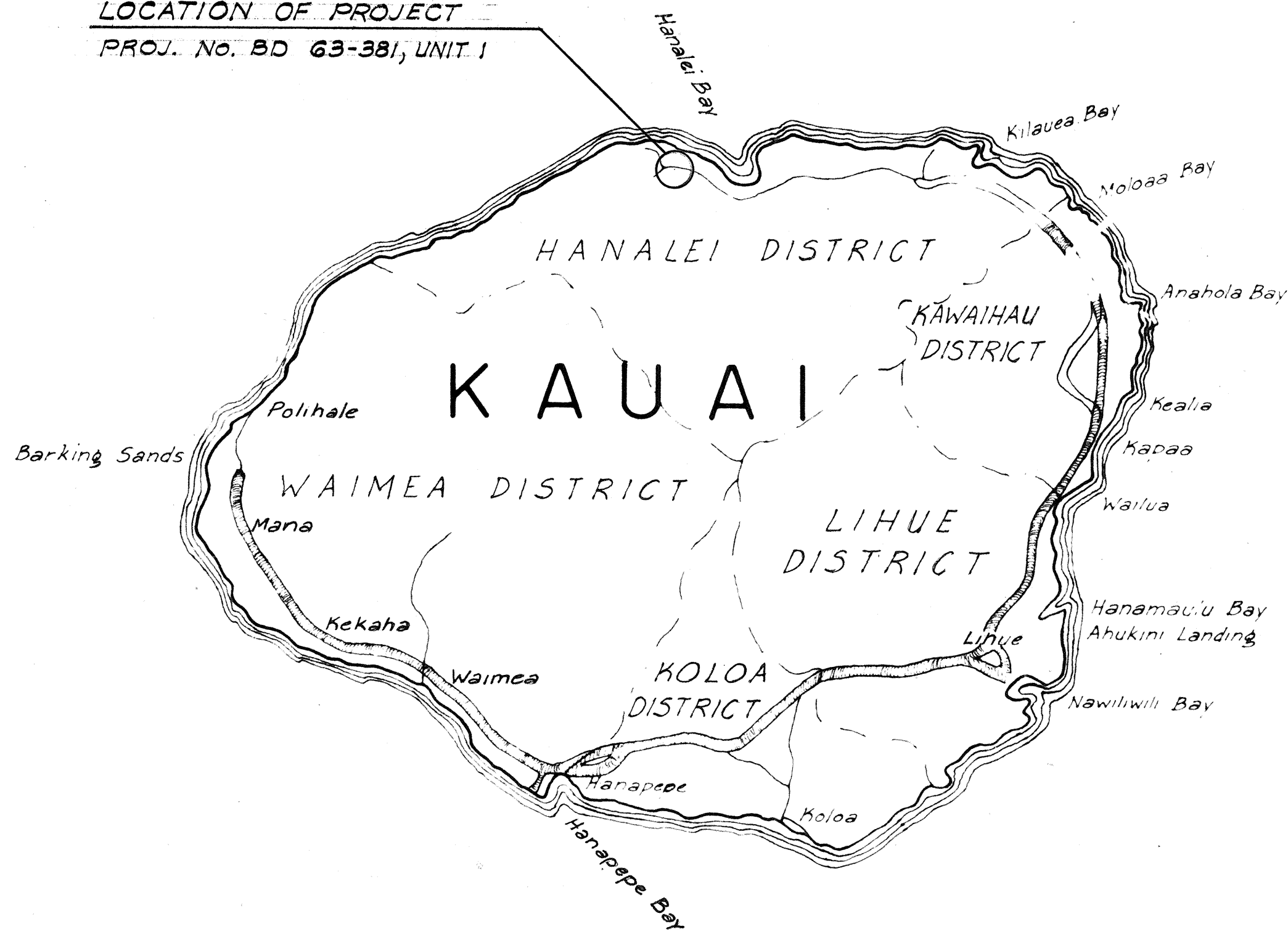
Note: Reinforcing steel, structural excavation, removal and relocation of portions of the existing structures, shall be incidental to the appropriate items and will not be paid for separately.

Estimated Quantities:

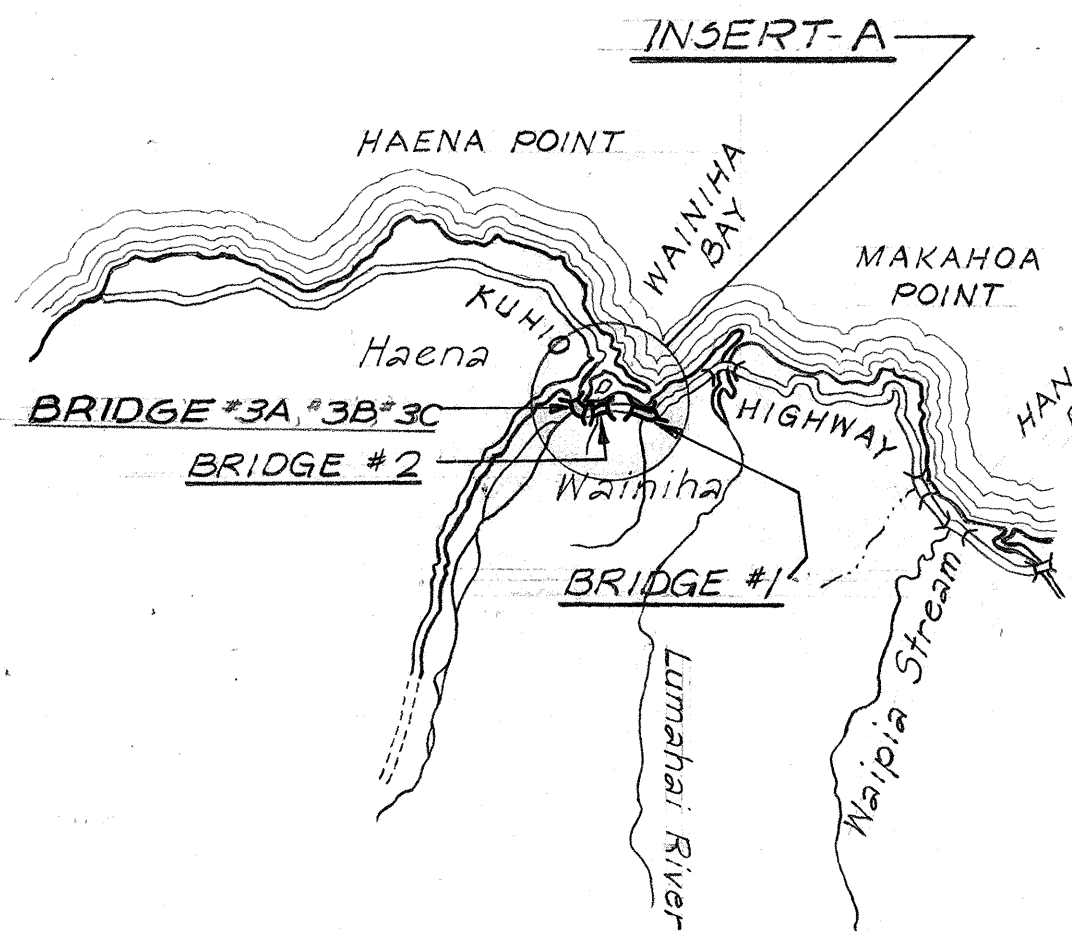
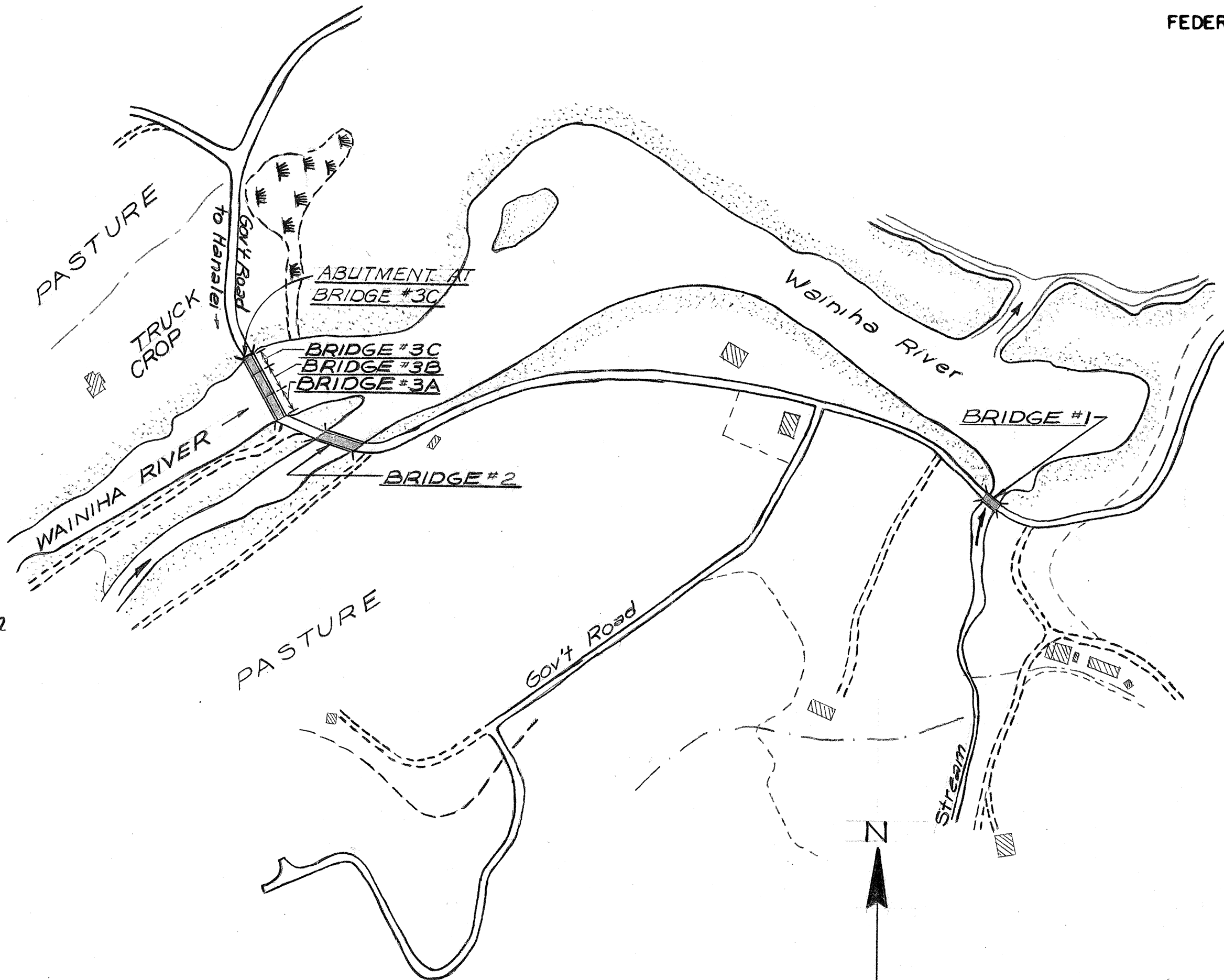
Structural Steel:	Lump Sum (61,100 lbs)
Timber:	Lump Sum (2.3 MBF)
Class A-1 Concrete	Lump Sum (3.0 cu yd.)
Grouted Rubble Pavement	(5.0 c.yd)

LOCATION OF PROJECT

PROJ. NO. BD 63-381, UNIT I



FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION



PROJECT LOCATION Scale: 1" = 1 mile

DEPARTMENT OF TRANSPORTATION

STATE OF HAWAII

APPROVED:

E. Alvey Shultz 12/16/68

for DIR OF TRANSPORTATION DATE

SHEET No. 1 OF 8 SHEETS