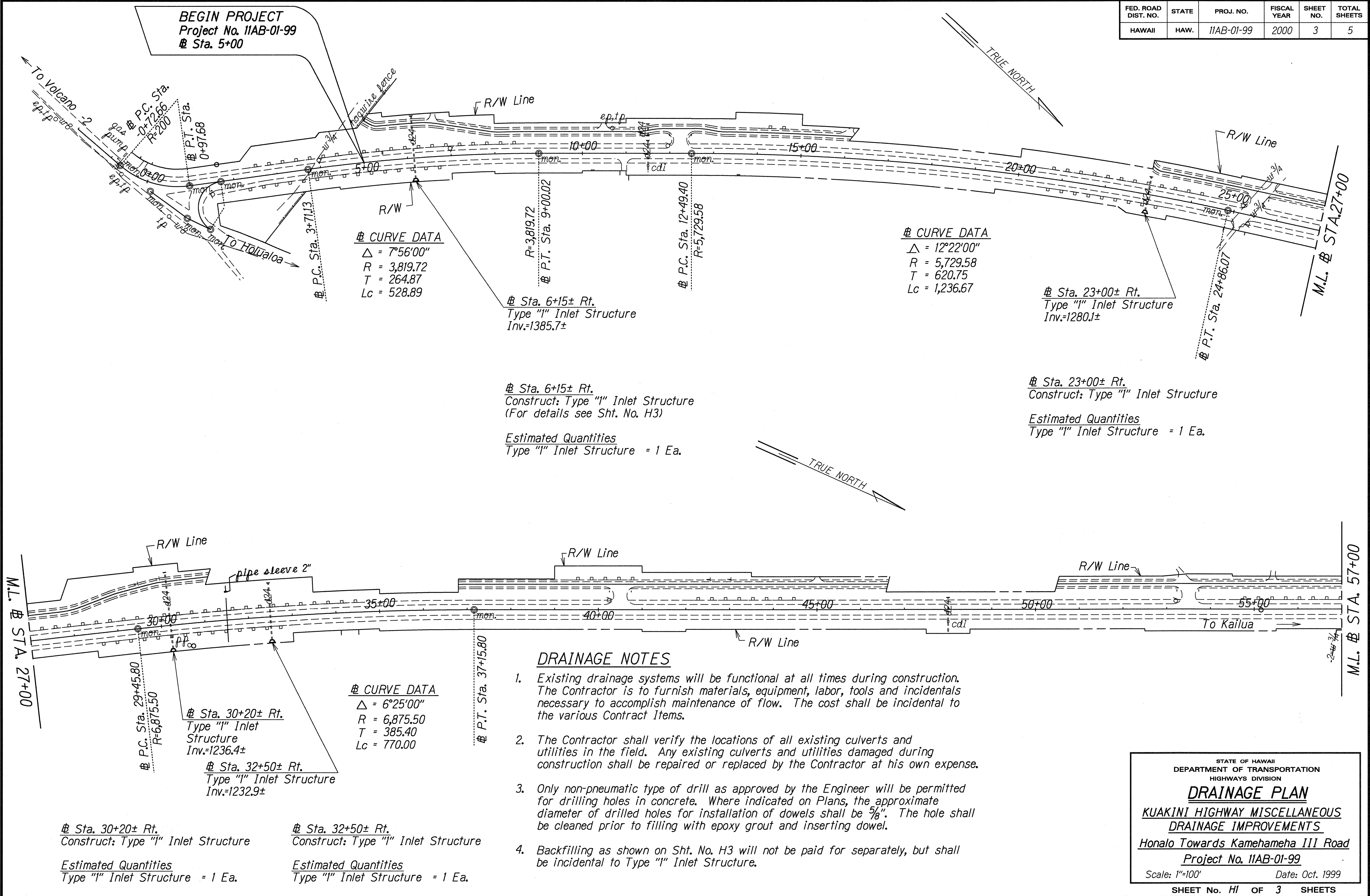


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11AB-01-99	2000	3	5



CURVE DATA

$\Delta = 7^{\circ}56'00''$
 $R = 3,819.72$
 $T = 264.87$
 $L_c = 528.89$

CURVE DATA

$\Delta = 12^{\circ}22'00''$
 $R = 5,729.58$
 $T = 620.75$
 $L_c = 1,236.67$

Sta. 6+15± Rt.
Construct: Type "I" Inlet Structure
(For details see Sht. No. H3)

Estimated Quantities
Type "I" Inlet Structure = 1 Ea.

Sta. 23+00± Rt.
Construct: Type "I" Inlet Structure

Estimated Quantities
Type "I" Inlet Structure = 1 Ea.

DRAINAGE NOTES

- Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to the various Contract Items.
- The Contractor shall verify the locations of all existing culverts and utilities in the field. Any existing culverts and utilities damaged during construction shall be repaired or replaced by the Contractor at his own expense.
- Only non-pneumatic type of drill as approved by the Engineer will be permitted for drilling holes in concrete. Where indicated on Plans, the approximate diameter of drilled holes for installation of dowels shall be $\frac{5}{8}$ ". The hole shall be cleaned prior to filling with epoxy grout and inserting dowel.
- Backfilling as shown on Sht. No. H3 will not be paid for separately, but shall be incidental to Type "I" Inlet Structure.

Sta. 30+20± Rt.
Construct: Type "I" Inlet Structure
Estimated Quantities
Type "I" Inlet Structure = 1 Ea.

Sta. 32+50± Rt.
Construct: Type "I" Inlet Structure
Estimated Quantities
Type "I" Inlet Structure = 1 Ea.

ORIGINAL PLAN	DATE
SURVEY PLANNED BY	5/18/99
DRAWN BY	A. Nomura
DESIGNED BY	C. Matsuda
CHECKED BY	R. K. Thompson

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

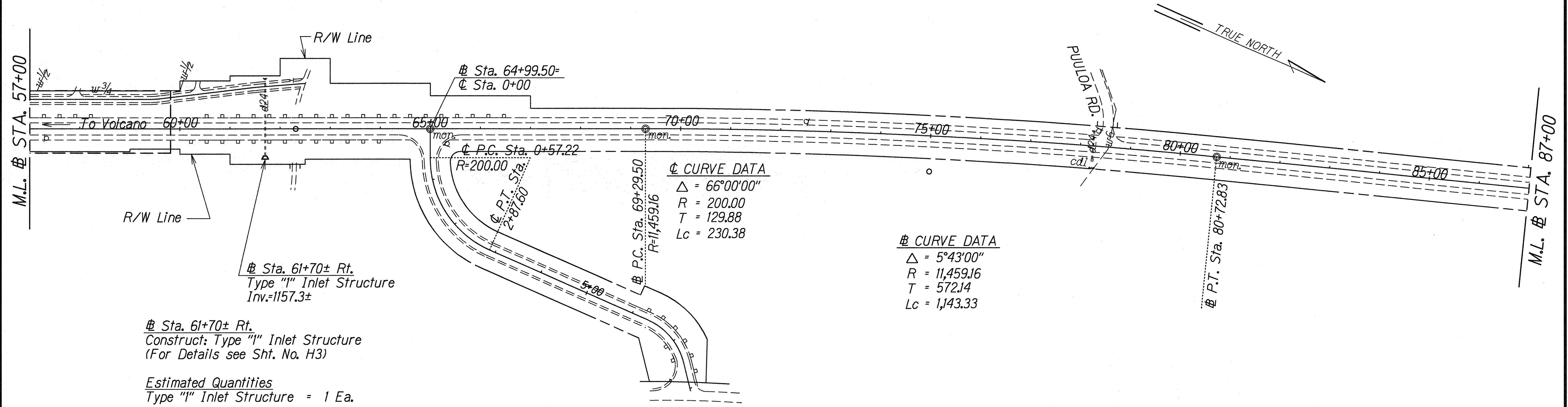
DRAINAGE PLAN

KUAKINI HIGHWAY MISCELLANEOUS
DRAINAGE IMPROVEMENTS
Honalo Towards Kamehameha III Road
Project No. 11AB-01-99

Scale: 1"=100'
Date: Oct. 1999

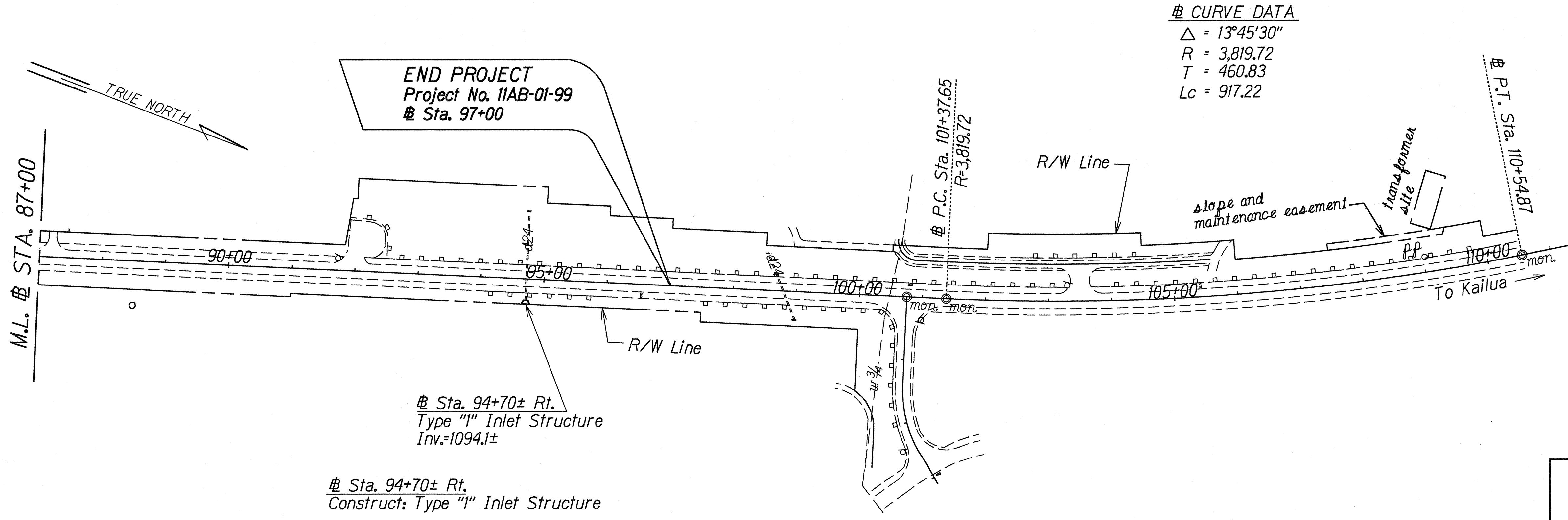
SHEET No. H1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11AB-01-99	2000	4	5



Sta. 61+70± Rt.
Construct: Type "I" Inlet Structure
(For Details see Sht. No. H3)

Estimated Quantities
Type "I" Inlet Structure = 1 Ea.



Sta. 94+70± Rt.
Construct: Type "I" Inlet Structure

Estimated Quantities
Type "I" Inlet Structure = 1 Ea.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY A. HODGINS	5/18/99
01300115.344	TRACED BY C. MARRAS	
01300115.344	DESIGNED BY C. MARRAS	
01300115.344	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PLAN

KUAKINI HIGHWAY MISCELLANEOUS
DRAINAGE IMPROVEMENTS

Honalo Towards Kamehameha III Road

Project No. 11AB-01-99

Scale: 1"=100' Date: Oct. 1999

SHEET No. H2 OF 3 SHEETS

