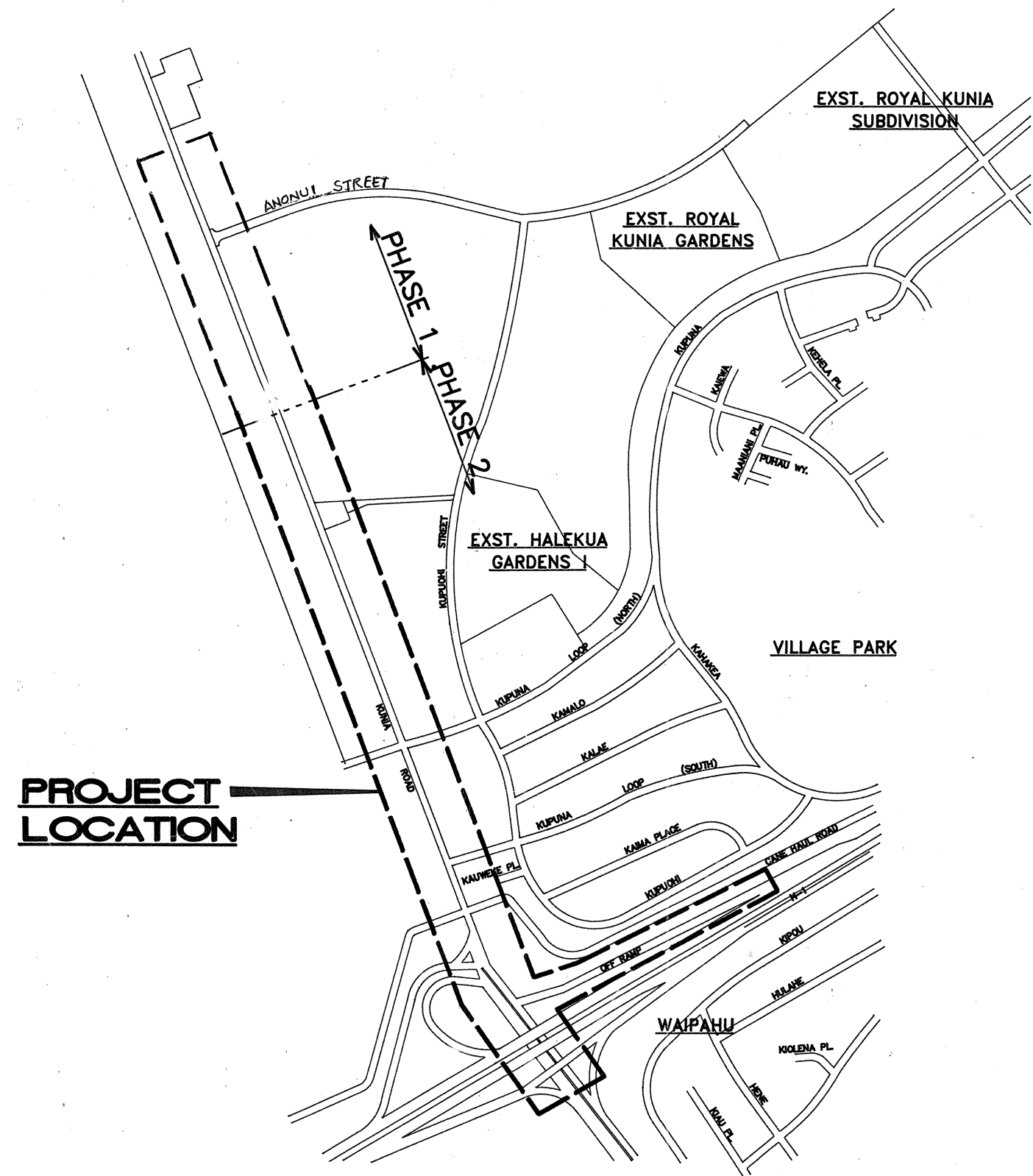


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0750(10)	1997	35	97

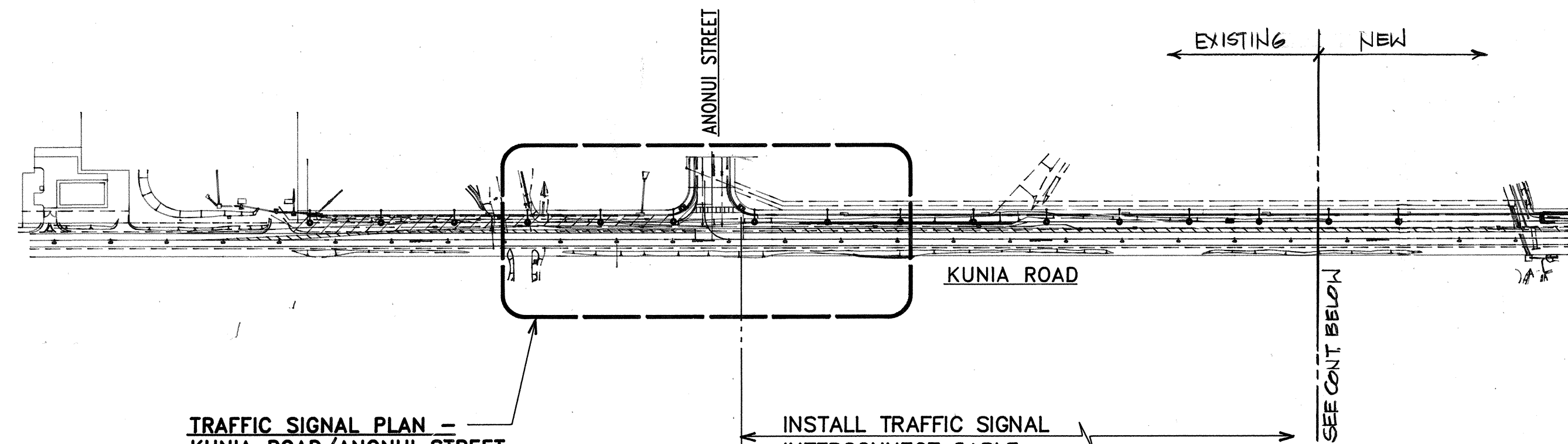


TMK: 9402



ELECTRICAL LOCATION MAP

NOT TO SCALE



TRAFFIC SIGNAL PLAN -
KUNIA ROAD/ANONUI STREET
INTERSECTION
SEE ENLARGED PLAN SHEET 57

INSTALL TRAFFIC SIGNAL
INTERCONNECT CABLE
NO. 19, 12 PAIRS IN EXST. & NEW
TRAFFIC SIGNAL CONDUIT
TO NORTH KUPUNA LOOP
INTERSECTION

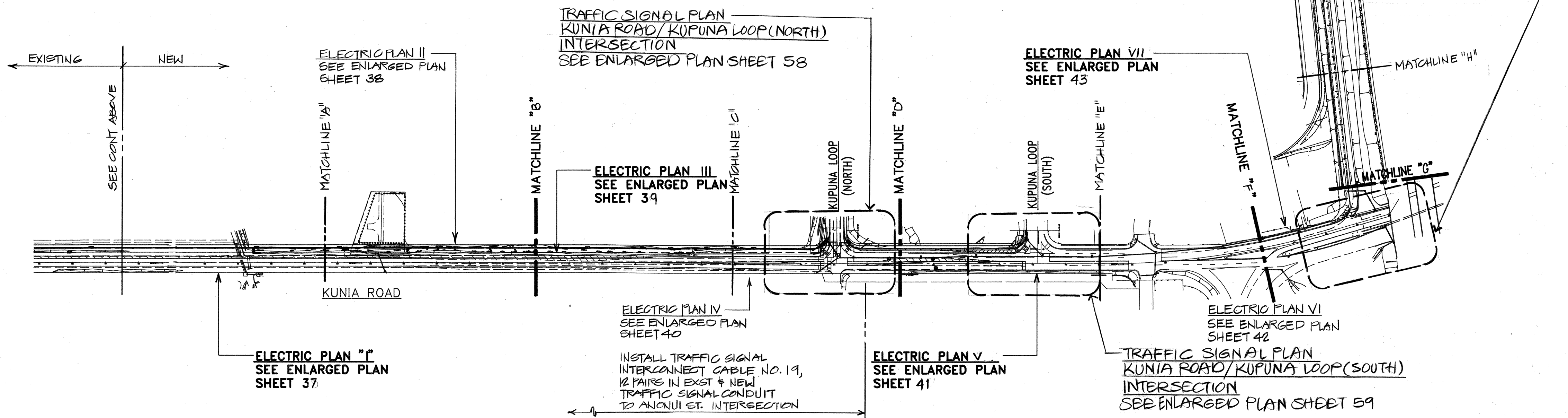
ELECTRIC PLAN XI
SEE ENLARGED PLAN
SHEET 47

ELECTRIC PLAN X
SEE ENLARGED PLAN
SHEET 46

ELECTRIC PLAN IX
SEE ENLARGED PLAN
SHEET 45

ELECTRIC PLAN VIII
SEE ENLARGED PLAN
SHEET 44

TRAFFIC SIGNAL PLAN
KUNIA ROAD / H-1 KUNA
OFF RAMP INTERSECTION
SEE ENLARGED PLAN
SHEET 60



ELECTRIC PLAN II
SEE ENLARGED PLAN
SHEET 38

TRAFFIC SIGNAL PLAN
KUNIA ROAD / KUPUNA LOOP (NORTH)
INTERSECTION
SEE ENLARGED PLAN SHEET 58

ELECTRIC PLAN III
SEE ENLARGED PLAN
SHEET 39

ELECTRIC PLAN IV
SEE ENLARGED PLAN
SHEET 40

ELECTRIC PLAN "I"
SEE ENLARGED PLAN
SHEET 37

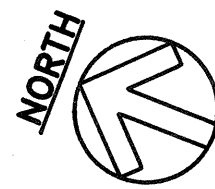
INSTALL TRAFFIC SIGNAL
INTERCONNECT CABLE NO. 19,
12 PAIRS IN EXST. & NEW
TRAFFIC SIGNAL CONDUIT
TO ANONUI ST. INTERSECTION

ELECTRIC PLAN V
SEE ENLARGED PLAN
SHEET 41

ELECTRIC PLAN VII
SEE ENLARGED PLAN
SHEET 43

ELECTRIC PLAN VI
SEE ENLARGED PLAN
SHEET 42

TRAFFIC SIGNAL PLAN
KUNIA ROAD / KUPUNA LOOP (SOUTH)
INTERSECTION
SEE ENLARGED PLAN SHEET 59



ELECTRIC SITE PLAN

SCALE: 1"=200'

200' 100' 0 200' 400' 600'

SCALE: 1"=200'

GRAPHIC SCALE

APPROVED:

Kyle Guglielmino
OCEANIC CABLE

7/1/96
DATE

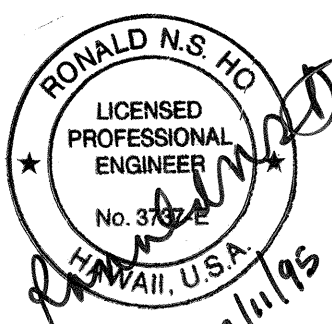
APPROVED:

HAWAIIAN ELECTRIC CO.

DATE

W. James J. Hayes
HAWAIIAN TELEPHONE CO.

4/10/96
DATE



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ELECTRICAL LOCATION MAP, ELECTRIC SITE PLAN

KUNIA ROAD WIDENING; AND
H-1 KUNA I.C. RAMP KO WIDENING
F.A.I. PROJECT NO. IM-STP-0750(10)

SCALE: AS NOTED

DATE: APRIL 1999

SHEET No. 1 OF 1 SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL
PLAN

No.

Let date 12/08/96 by
G. VASCO PROJECTS, INC. NEW-SITE