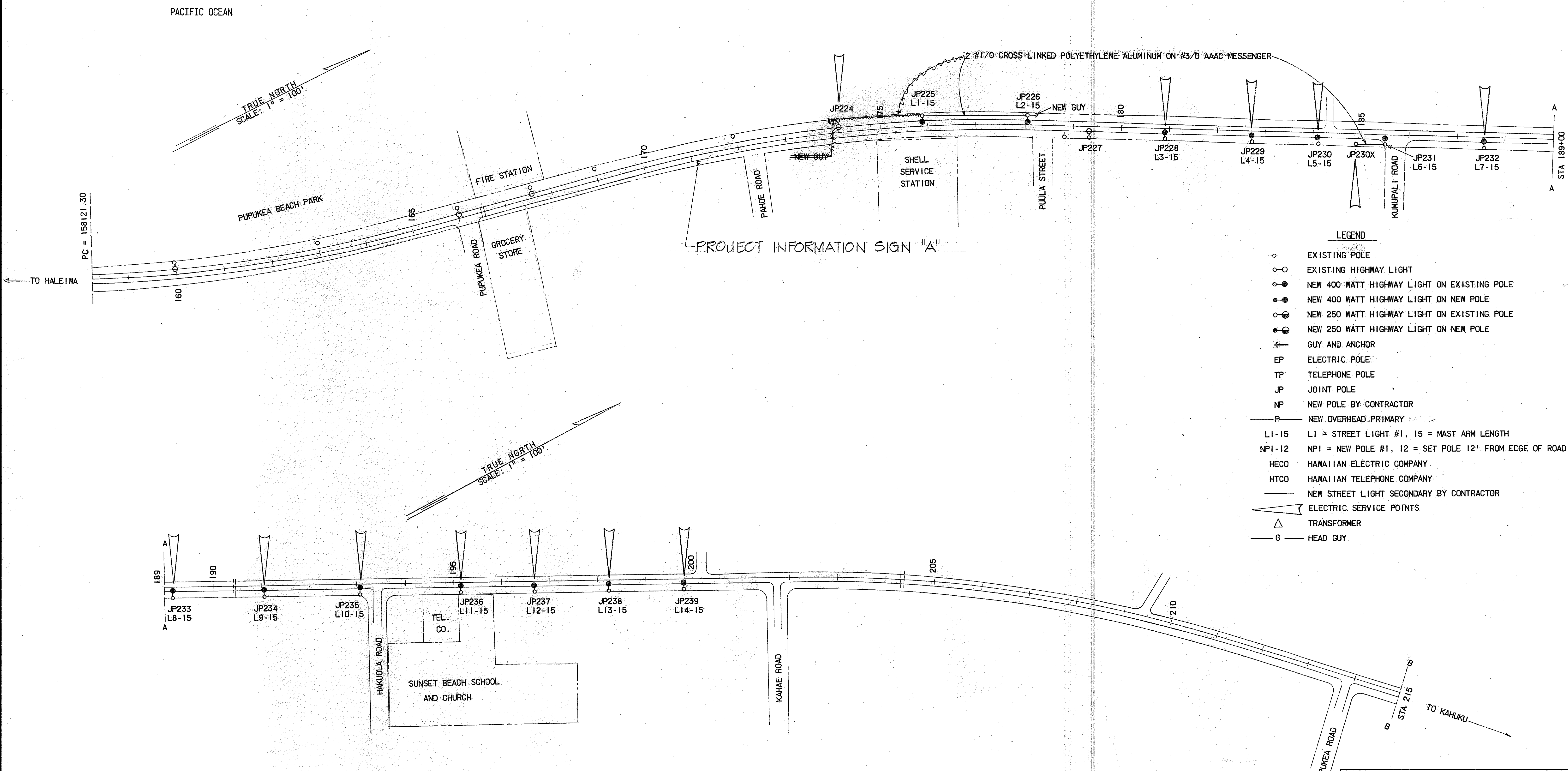


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-70	1970	2	9



- LEGEND
- EXISTING POLE
 - EXISTING HIGHWAY LIGHT
 - NEW 400 WATT HIGHWAY LIGHT ON EXISTING POLE
 - NEW 400 WATT HIGHWAY LIGHT ON NEW POLE
 - NEW 250 WATT HIGHWAY LIGHT ON EXISTING POLE
 - NEW 250 WATT HIGHWAY LIGHT ON NEW POLE
 - GUY AND ANCHOR
 - EP ELECTRIC POLE
 - TP TELEPHONE POLE
 - JP JOINT POLE
 - NP NEW POLE BY CONTRACTOR
 - NEW OVERHEAD PRIMARY
 - L1-15 L1 = STREET LIGHT #1, 15 = MAST ARM LENGTH
 - NP1-12 NP1 = NEW POLE #1, 12 = SET POLE 12' FROM EDGE OF ROAD
 - HECO HAWAIIAN ELECTRIC COMPANY
 - HTCO HAWAIIAN TELEPHONE COMPANY
 - NEW STREET LIGHT SECONDARY BY CONTRACTOR
 - △ ELECTRIC SERVICE POINTS
 - △ TRANSFORMER
 - G HEAD GUY

NOTE
1. FOR LUMINAIRE MOUNTING SEE DETAILS A AND B

ALBERT S. C. CHONG
REGISTERED PROFESSIONAL ENGINEER
No. 1003
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Albert S. C. Chong
Albert S. C. Chong, P.E.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

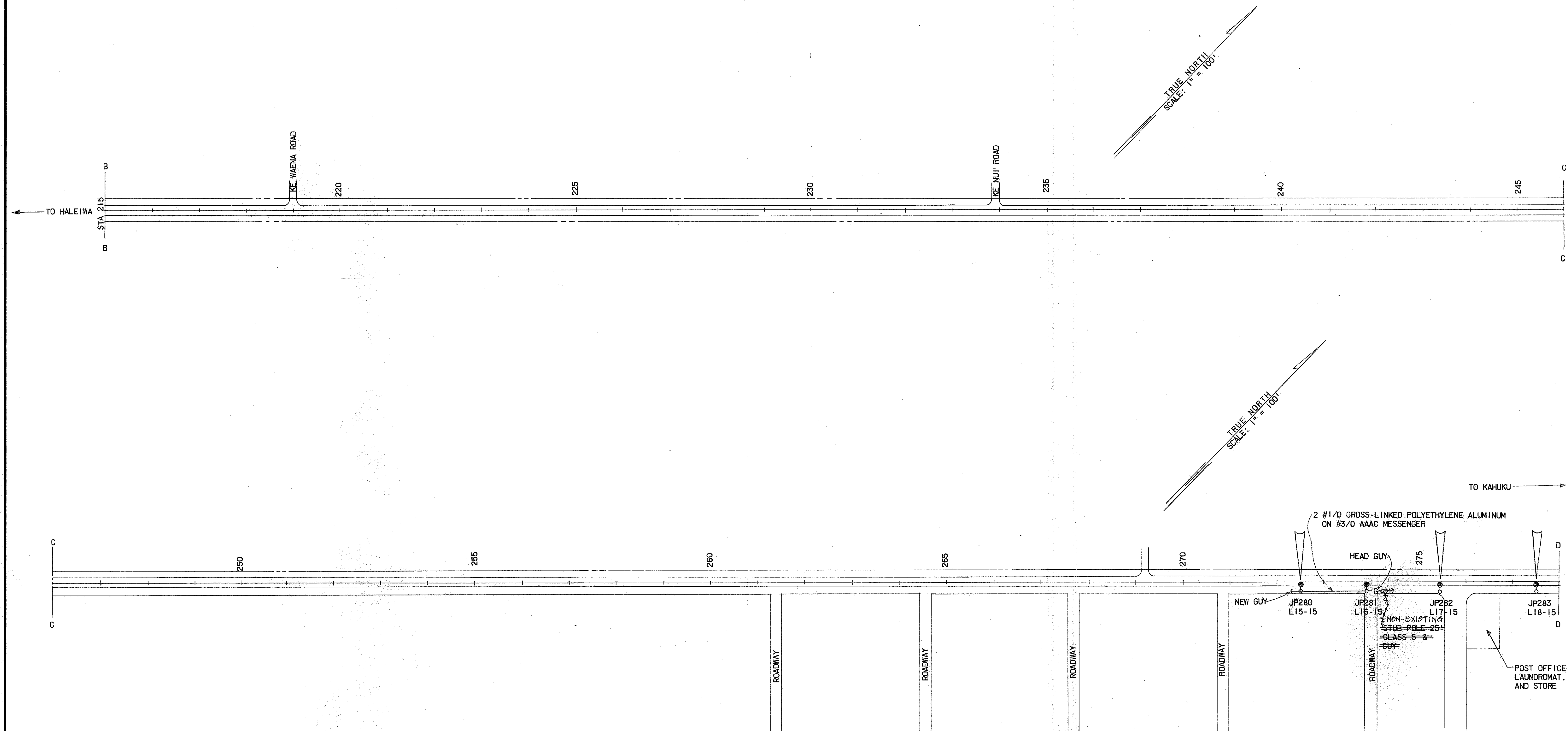
INSTALLATION OF HIGHWAY LIGHTS
ALONG KAMEHAMEHA HIGHWAY
SUNSET BEACH VICINITY
PROJECT NO. 83B-01-70

OCTOBER 1970

SHEET No. 1 OF 5 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTES	
NO.	

FED. ROAD DIST. NO.	STATE	FED. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-70	1970	3	9



ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	"
	TRACED BY _____	"
NOTE BOOK	DESIGNED BY _____	"
	QUANTITIES BY _____	"
	CHECKED BY _____	"
No. _____		



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Albert S. C. Chong, PE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INSTALLATION OF HIGHWAY LIGHTS

ALONG KAMEHAMEHA HIGHWAY

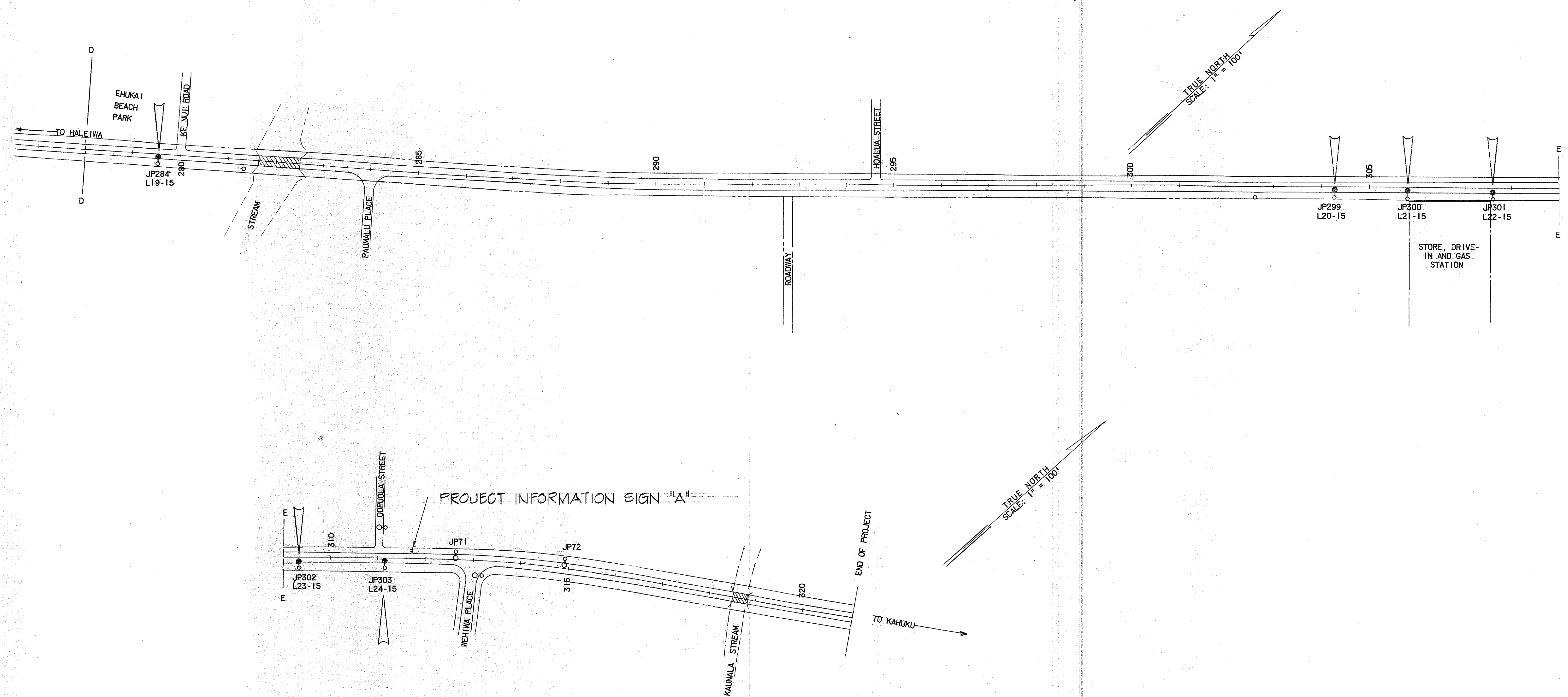
SUNSET BEACH VICINITY

PROJECT NO. 83B-01-70

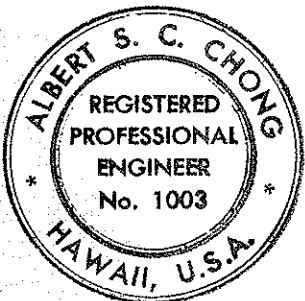
OCTOBER 1970

SHEET No. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-70	1970	4	9



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	



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Albert S. C. Chong, PE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

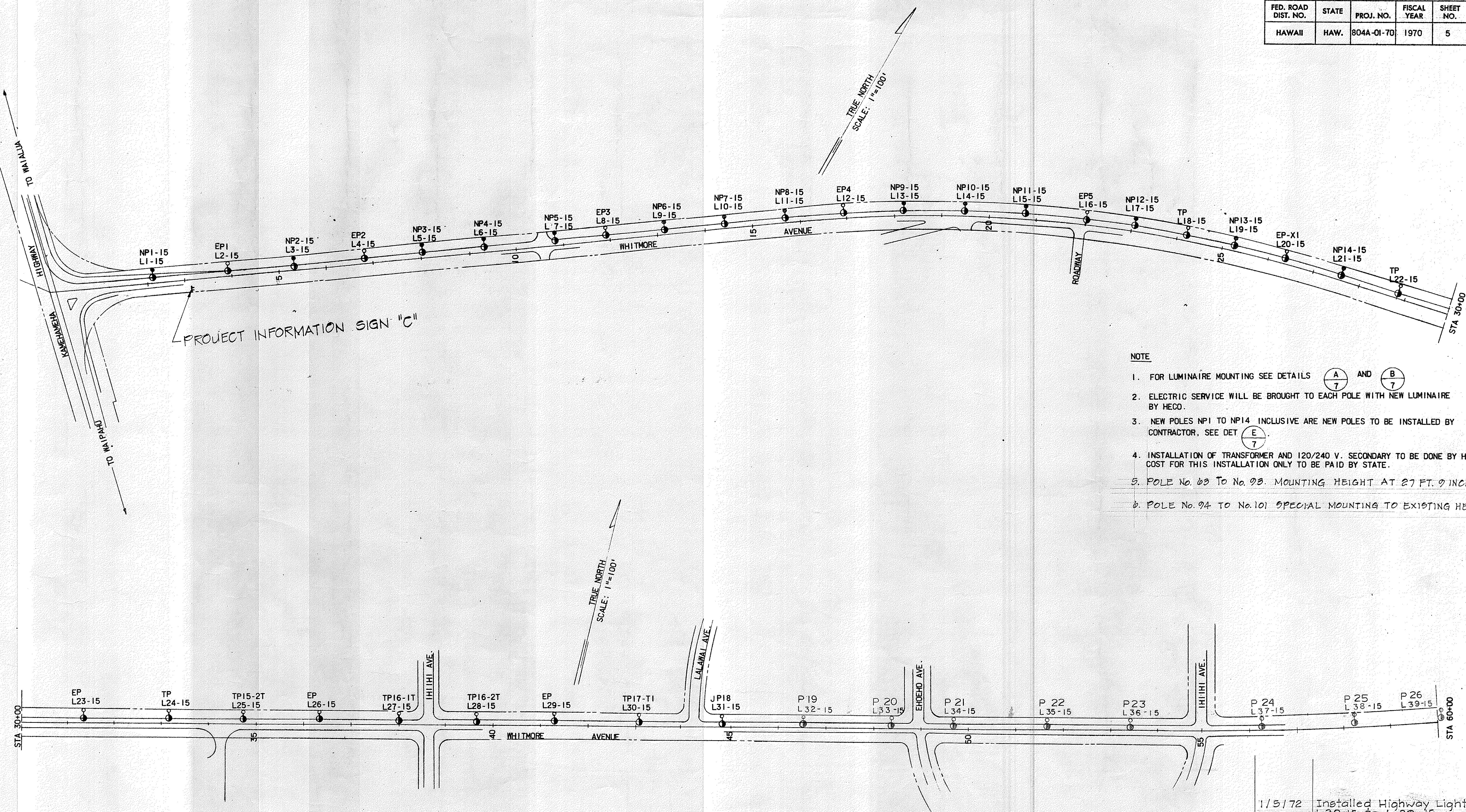
INSTALLATION OF HIGHWAY LIGHTS

ALONG KAMEHAMEHA HIGHWAY

SUNSET BEACH VICINITY

PROJECT NO. 83B-01-70
OCTOBER 1970
SHEET No. 3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	804A-01-70	1970	5	9



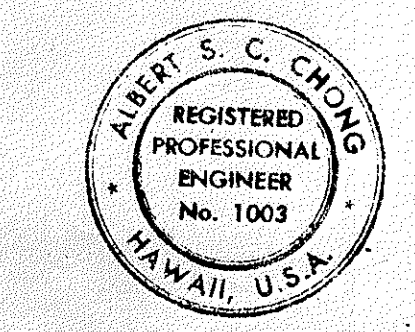
PROJECT INFORMATION SIGN "C"

NOTE

- FOR LUMINAIRE MOUNTING SEE DETAILS $\frac{A}{7}$ AND $\frac{B}{7}$
- ELECTRIC SERVICE WILL BE BROUGHT TO EACH POLE WITH NEW LUMINAIRE BY HECO.
- NEW POLES NP1 TO NP14 INCLUSIVE ARE NEW POLES TO BE INSTALLED BY CONTRACTOR. SEE DET $\frac{E}{7}$.
- INSTALLATION OF TRANSFORMER AND 120/240 V. SECONDARY TO BE DONE BY HECO. COST FOR THIS INSTALLATION ONLY TO BE PAID BY STATE.
- POLE No. 63 TO No. 93. MOUNTING HEIGHT AT 27 FT. 9 INCHES.
- POLE No. 94 TO No. 101 SPECIAL MOUNTING TO EXISTING HEIGHT.

NOTE: SPECIAL MOUNTING FOR POLES 94 TO 101
SEE ATTACHED SKETCH "A" ON SHEET 9

DATE	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
CHECKED BY	_____
No.	_____



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Albert S. C. Chong, PE

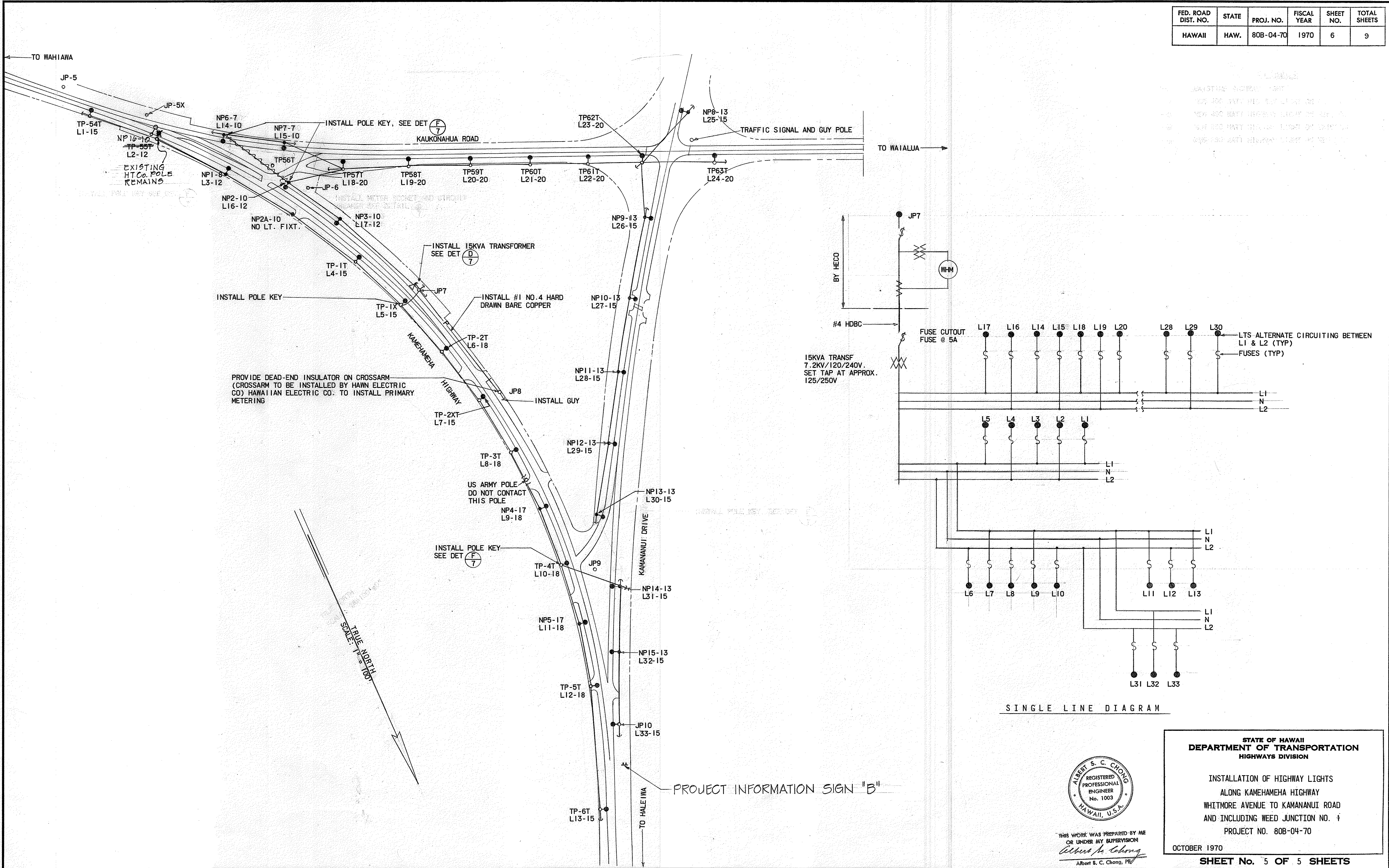
1/5/72 Installed Highway Lights
L32-15 to L39-15

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

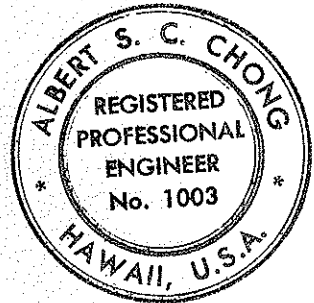
INSTALLATION OF HIGHWAY LIGHTS
WHITMORE AVENUE
DOLE HAY PLANT TO WHITMORE VILLAGE

PROJECT NO. 804A-01-70
OCTOBER 1970
SHEET No. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	80B-04-70	1970	6	9



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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OR UNDER MY SUPERVISION
Albert S. Chong
Albert S. C. Chong, PE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INSTALLATION OF HIGHWAY LIGHTS
ALONG KAMEHAMEHA HIGHWAY
WHITMORE AVENUE TO KAMANANUI ROAD
AND INCLUDING WEED JUNCTION NO. 4
PROJECT NO. 80B-04-70

OCTOBER 1970

SHEET No. 5 OF 5 SHEETS