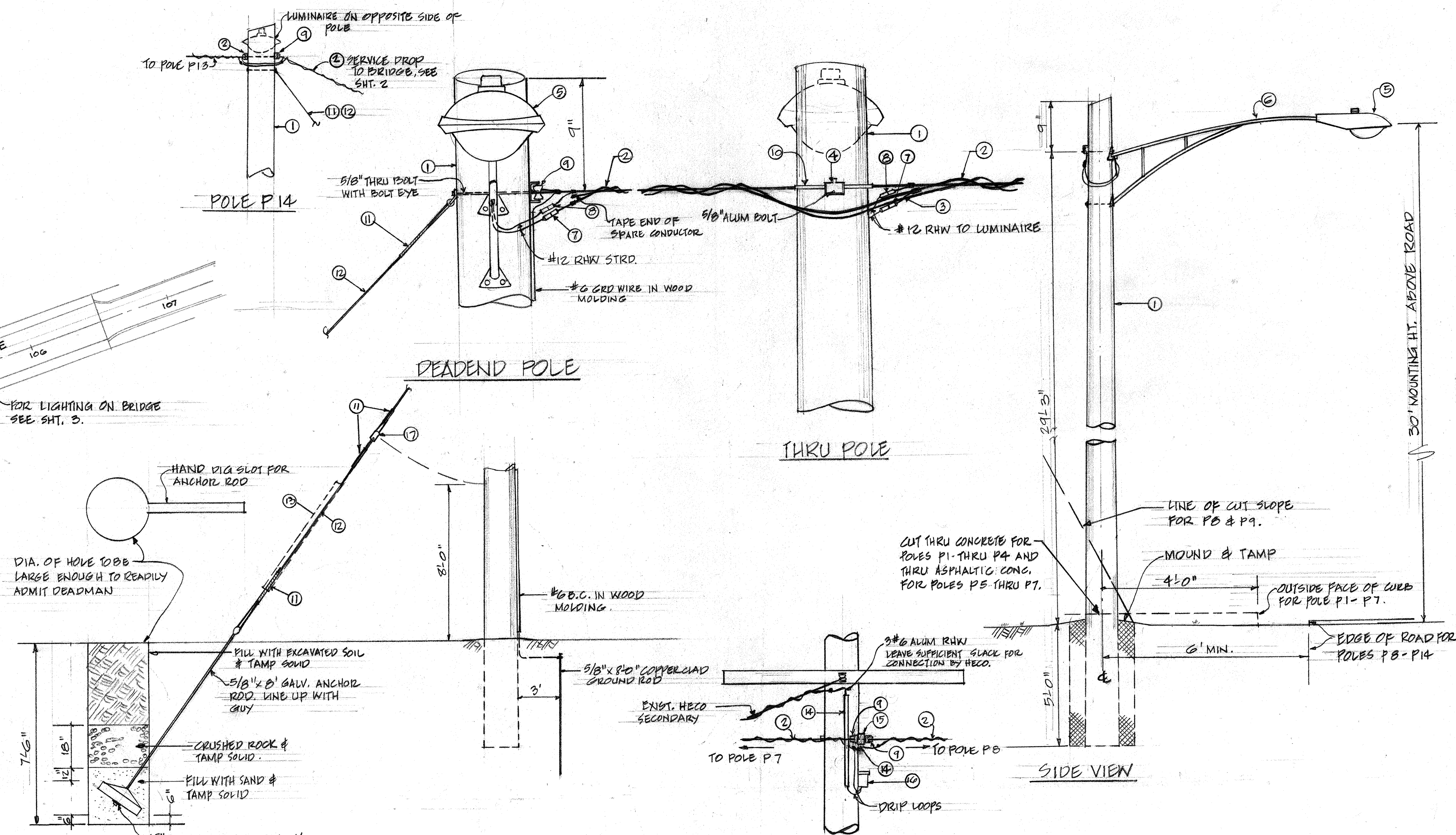
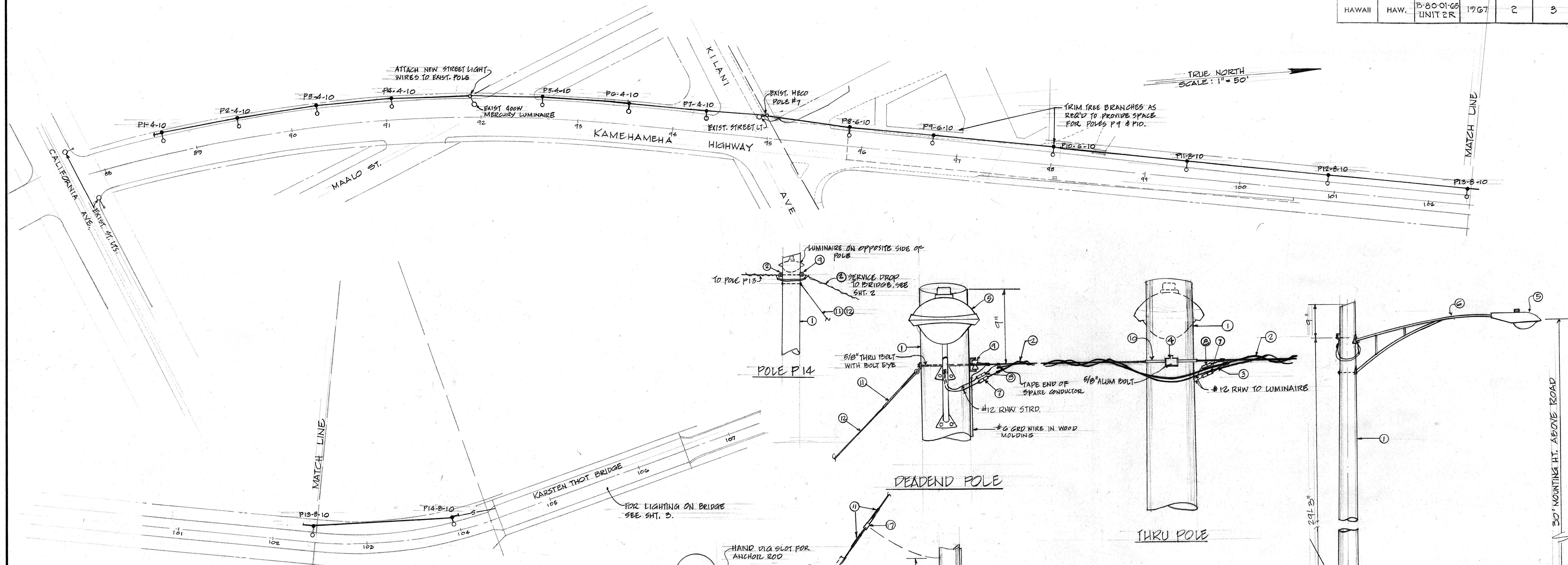


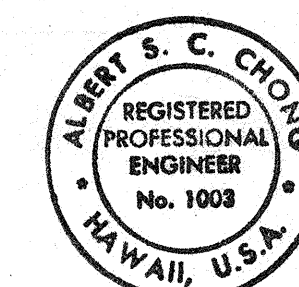
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	B-80-01-65 UNIT 2R	1967	2	3



TYPICAL STREET LIGHT POLE & POLE #7 DETAILS

N.T.S.

EXIST. POLE #7
VERIFY LOCATION OF X-ARM, BKR.
& CONDUITS WITH HAWN. ELEC. CO.



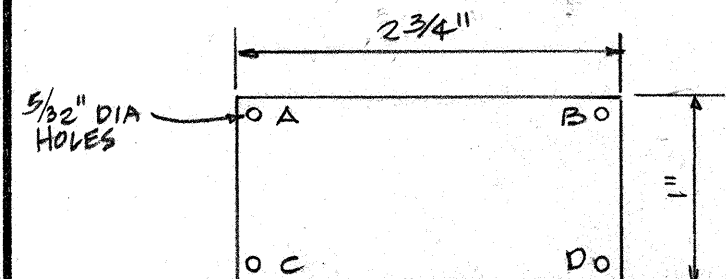
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HIGHWAY LIGHTING SYSTEM LAYOUT AND DETAILS

KAMEHAMEHA HIGHWAY
(CALIFORNIA AVENUE
TO KARSTEN THOT BRIDGE)
PROJ. NO. B-80-01-65 UNIT 2 R

SHEET No. 2 OF 3 SHEETS

LEGEND		POLE LINE MATERIALS	
KEY	DESCRIPTION	KEY	DESCRIPTION
—○—	EXIST. O.H. SECONDARY	1	POLE, 35'x4.3 FULLY CREOSOTED BY PRESSURE METHOD
—●—	NEW O.H. S.L. WIRE, DUPLEX #6 ALUMINUM	2	CABLE, #4 TRIPLEX ALUMINUM, POLYETHYLENE
—P1-G-10	NEW S.L. POLE & LUMINAIRE, P1 = POLE NO. 1, G = DIST. FROM EDGE OF ROAD OR OUTSIDE FACE OF CURB TO CENTERLINE OF POLE, 10 = MAST ARM LENGTH	3	WIRE, #3, T STRD. ALUMINUM, RHW, 600V.
—S—	SERVICE DROP, DUPLEX #6 ALUMINUM	4	MESSANGER HANGER, ALUM.
—H—	BRAKET LUMINAIRE, 100W MERCURY	5	LUMINAIRE, 250W MERCURY, TYPE II, WITH H-37-5KE CLEAR LAMP, INTERNAL BALLAST & PHOTO-ELECTRIC CONTROL
—H—	WATER TIGHT CAST JUNCTION BOX	6	MAST ARM, TRUSS TYPE, LENGTH AS INDICATED
—F—	WIRING IN EXPOSED GALVANIZED STEEL CONDUIT NEW GUY & ANCHOR	7	FUSED CONNECTOR, WITH *BAF-10, 10A. FU
	NOTES	8	WATERPROOF CONNECTOR, UNFUSED
	1. ALL OVERHEAD CONDUCTORS TO BE ALUMINUM.	9	DEADEND SPOOL & FORK.
	2. PROVIDE CU-AL TYPE CONNECTORS WHERE COPPER FIXTURE WIRES ARE CONNECTED TO ALUMINUM CONNECTORS	10	ALUM. SHEET WRAP (AROUND MESSANGER)
	3. PROVIDE IDENTIFICATION TAGS ON WOOD POLE AT 6' ABOVE GRADE.	11	PREFORMED GUY GRIP
		12	GUY WIRE, 3/8" EHS. GALV.
		13	GUY GUARD, GALVANIZED
		14	PVC CONDUIT - 2" C WITH 2 HOLE STRAPS
		15	CROSS ARM 3/4"x4 1/8"x3' L.G.
		16	CIRCUIT BREAKER, 2500A 'E' FR. NEMA 3R ENCL
		17	INSULATOR



A = CONTRACT NO. (OBTAIN FROM STATE) B = LT. NO FROM HECO. LTD.

C = H-250 D = II OR AS INDICATED ON PLAN.

IDENTIFICATION TAG DETAIL N.T.S.

1. ATTACH TAG TO POLE WITH 4D ALUMINUM NAILS AT G' ABOVE CURB.

2. LETTERS TO BE NO. 5 REDUCTION, 1/8" ENGRAVED OR STENGILED.

3. INSTALL TWO TAGS ON POLE P14, ONE FOR LUMINAIRE ON POLE P14 AND THE OTHER FOR LUMINAIRE ON BRIDGE.

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File DD c 4-6