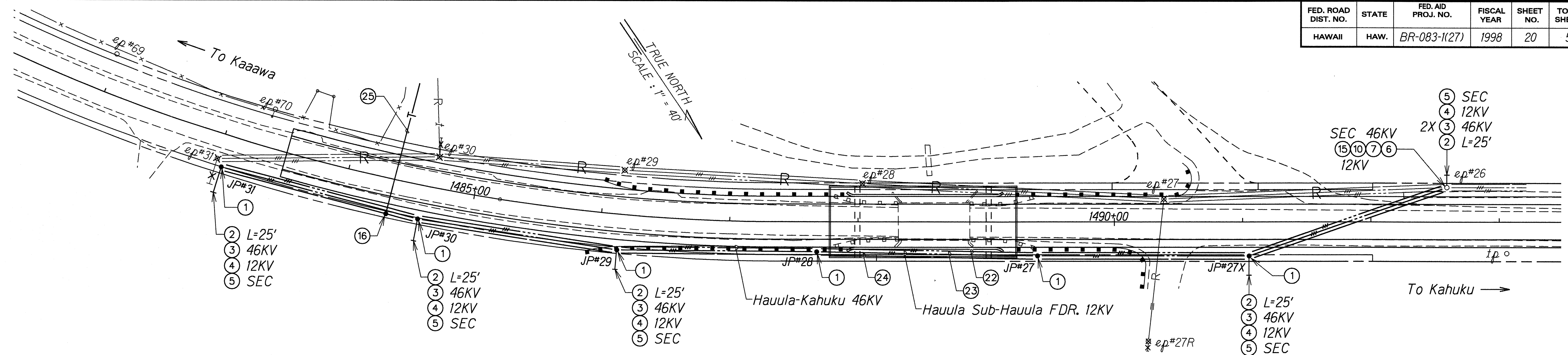


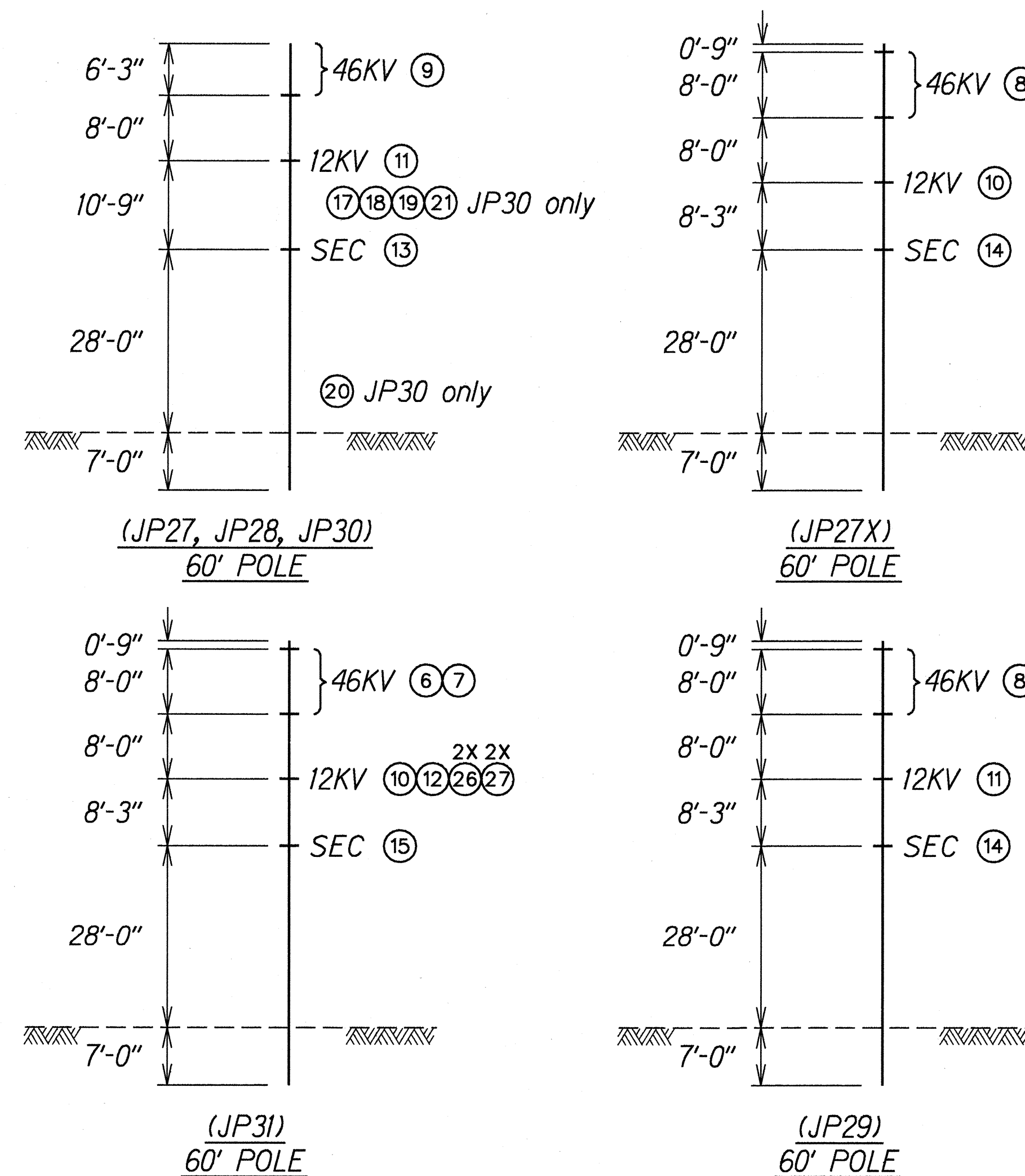
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-083-1(27)	1998	20	58



NOTE: WORK TO BE DONE BY HECO CONTRACTOR.
THIS SHEET IS FOR INFORMATION ONLY.

PLAN
Scale: 1"=40'

OVERHEAD SMU LIST				
LINE	SMU/STK CODE	VAR	DESCRIPTION	QTY
1	00071 ACT 35		POLE PENTA (PCP) 60FT C2 T-60	6
2	03-412T A2		24" CONC DEADMAN 1" GALV ANC ROD, AREA "A" (TRANS ACCT)	5
3	03-4100-A6	C:F:	1/2" ANC GUT STEEL (TRANS ACCT); 45 FT	5
4	03-4100-A4	C:E:	1/2" ANC GUY STEEL (DIST ACCT); 41 FT	5
5	03-4100-A3	C:D:	3/8" ANC GUY STEEL (DIST ACCT); 34 FT	5
6	08-1220-1A		VERT DE SUSP INS 46KV 556.5KCM AAC	2
7	08-1220-3A		VERT BUCK SUSP INS 46KV 556.5KCM AAC	2
8	08-1210-A	Y:	VERT ANG SUSP INS 46KV	2
9	08-1110	Y:	TAN & ANG POLE, HORIZ POST INS, 20,000-68,000V	3
10	07-2440	G:G:	12KV FLAT DBL DE (FIGS 1 & 2)	3
11	07-2210-2C		12KV FLAT ANG DBL ARM	4
12	7-2430		FLAT DE SIM EXC 2 PHASE ONLY WITH JUNCTION/CO'S	1
13	05-1009-F1		PREASSEMBLED SEC AC STR LINE & ANG CONST (0-10° MAX)	3
14	05-1009-F4		PREASSEMBLED SEC AC ANG CONST (11-30° MAX)	2
15	05-1009-F5		PREASSEMBLED SEC AC ANG CONST (31-90° MAX)	2
16	5-3010-1	S:A	SECAC MIDSPAN TAP CONNECTION	1
17	10-2100	D	1 PHASE TRANS	1
18	10-2040-1	D	1 PHASE TRANS	1
19	10-2060-52	B	1 PHASE TRANS	1
20	12-1010-F1		WOOD POLE GROUNDING	1
21	12-1020-F2		NEUTRAL GRD AERIAL CBL TRANS PRIM NEUT F2	1
22	08306 ACT 43		COND BARE AAC 556.5 19 STRD SPEC	1700
23	08300 ACT 44		COND BARE AAC 336.4 19 STRD	1040
24	08296 ACT 44		COND BARE AAAC 195.7 7 STRD (3/0)	190
25	07978 ACT 44		#4 TRIPLEX CONDUCTOR	100
26	03078		CUTOUT SWITCH	2
27	03312		50 AMP FUSE	2



POLE FRAMING DETAILS
Not to Scale

OVERHEAD LEGEND

- ep#2 Existing Pole and Pole Number
- JP#2 Proposed Pole and Pole Number
- ✕ Existing Pole to be Removed
- Proposed Anchor
- ✕ Existing Anchor to be Removed
- Existing 46KV Conductors
- Proposed 46KV Conductors
- Existing 12KV Conductors
- Proposed 12KV Conductors
- Existing Secondary Conductors
- Proposed Secondary Conductors
- Existing Conductors to be Removed
- Diagonal Lines Denote Number of Conductors
- Existing Head Guy to be Removed
- Existing Guardrail
- Proposed Guardrail

OVERHEAD NOTES

- INSULATION AREA "A" APPLIED TO THIS PROJECT.
- REMOVE JP.27, JP.28, JP.29, JP.30, JP.31 AND JP.27R KAMEHAMEHA HWY.
- INSTALL (JP.27X), (JP.27), (JP.28), (JP.29), (JP.30) AND (JP.31).
- INSTALL ANCHORS AND GUY WIRES AS INDICATED.
- INSTALL 3PH 556.5 KCMIL 46KV CONDUCTORS FROM JP.26 TO JP.31 PER STRINGING CHART 1-2232.
- INSTALL 3PH 336.4 KCMIL 12KV CONDUCTORS FROM JP.26 TO JP.31 PER STRINGING CHART 1-2232.
- INSTALL #3/0 AAAC NEUTRAL PER STRINGING CHART 1-2232.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HECO UTILITY POLE RELOCATION

KAMEHAMEHA HIGHWAY
REPLACEMENT OF MALAEKAHANA BRIDGE
Federal Aid Project No. BR-083-1(27)

Scale: 1"=40' Date: Feb., 1998

SHEET No. 1 OF 1 SHEETS