

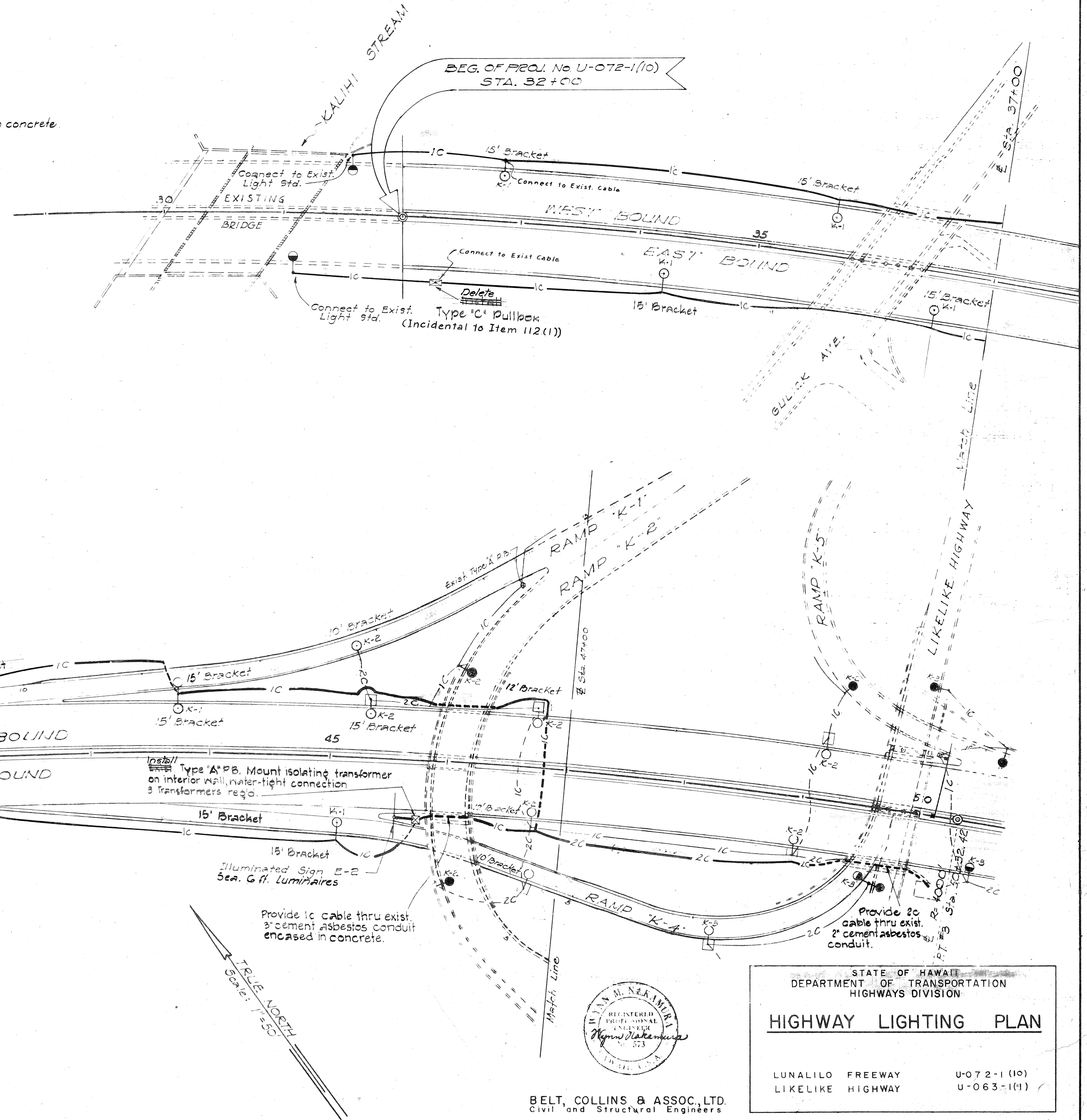
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-072-1(10)	1963	A 13	43
		U-063-1(1)	1962	B 10	43

LEGEND

- K-3 Two new luminaires on new double bracket light standard. Numerical indicates circuit (K-3).
- K-2 One new luminaire on new single bracket light standard. Bracket length as noted. Numerical indicates circuit (K-2).
- Existing Luminaire on Light Standard.
- Existing Luminaire to be connected to circuit.
- Pull Box (type as indicated).
- 1C-2C New #8 AWG cable in 3" Cement Asbestos Duct. 1C=1 cable, 2C=2 Cables.
- 1C-2C New #8 AWG underground cable buried in trench. 1C=1 cable, 2C=2 cables.
- 1C-2C Existing #8 AWG cable in 3" cement asbestos. 1C=1 Cable, 2C=2 Cables encased in concrete.
- 1C-2C Existing #8 AWG underground cable buried in trench. 1C=1 cable, 2C=2 cables.
- One new luminaire on new single bracket light standard. Connect to existing cable (19' class available).
- New Illuminated Expressway Sign.

GENERAL NOTES

- All Conduit, Cables and Ducts shall be laid to a depth of not less than 18" and not more than 24" below finished grade of road.
- Conduit and Duct ends shall extend at least 24" clear of curb or pavement.
- Conduits and Ducts shall be accurately located either by markers in pavement or curb, or by means of a location map fixing ends of Conduit and Duct runs.
- All direct-buried Cables shall by-pass all Catch Basins in their paths.
- All Luminaires shall have 400WATT MILS Mercury Vapor Light Source.



ORIGINAL PLAN	DESIGNED BY	DATE
NOTE BOOK	DRAWN BY	2-77
No.	QUANTITIES CHECKED BY	2-77
	CHECKED BY	

BELT, COLLINS & ASSOC., LTD.
Civil and Structural Engineers

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

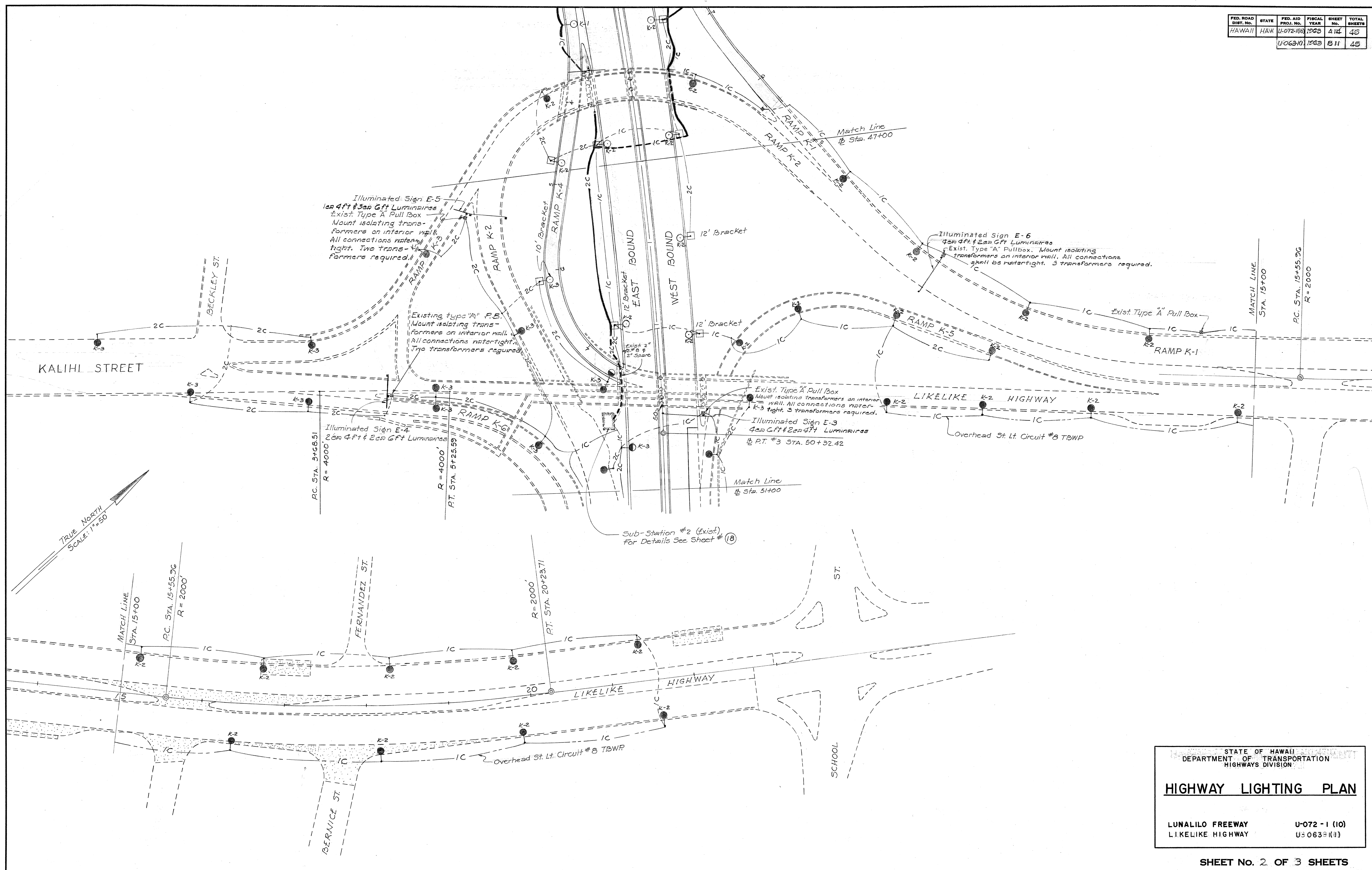
HIGHWAY LIGHTING PLAN

LUALILO FREEWAY U-072-1(10)
LIKELIKE HIGHWAY U-063-1(1)

SHEET NO. 1 OF 3 SHEETS

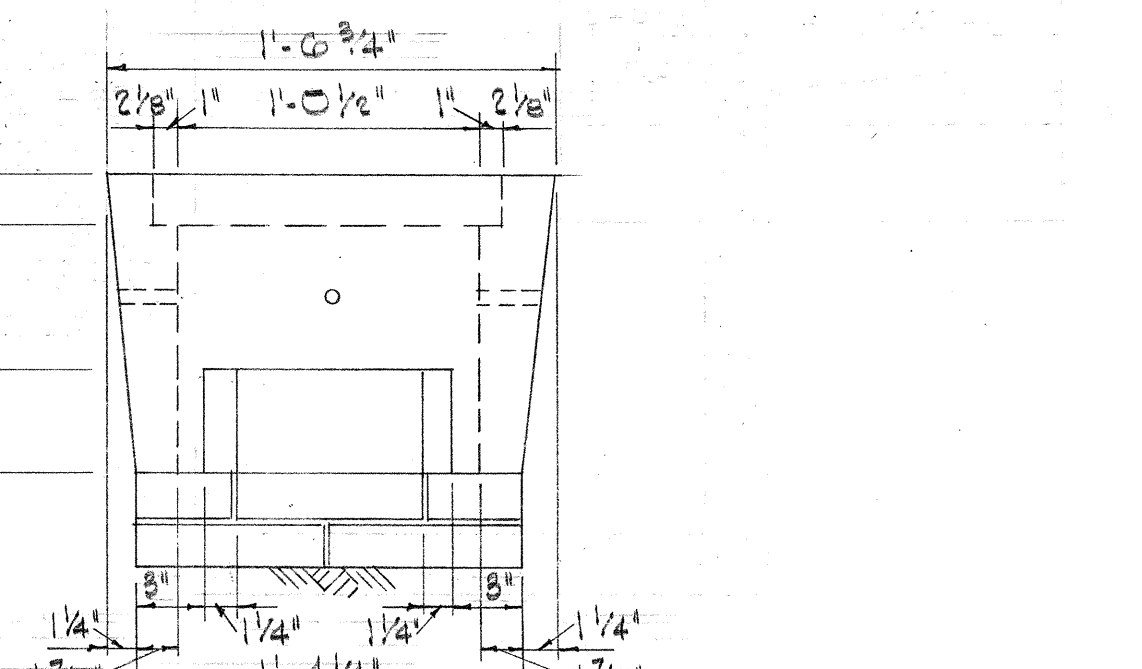
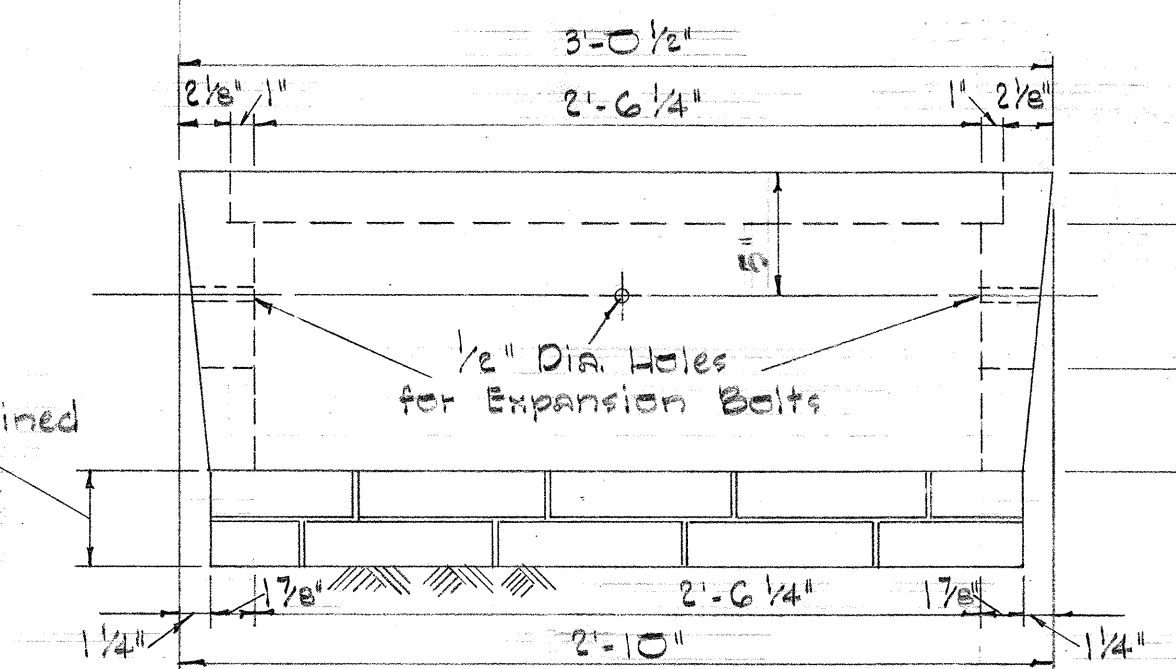
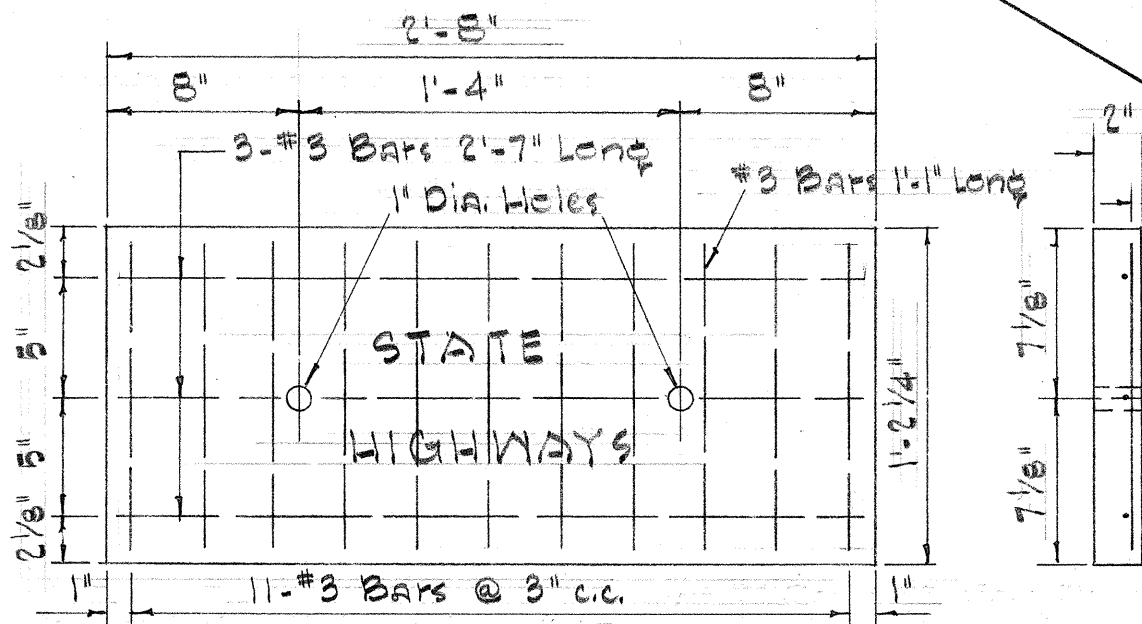
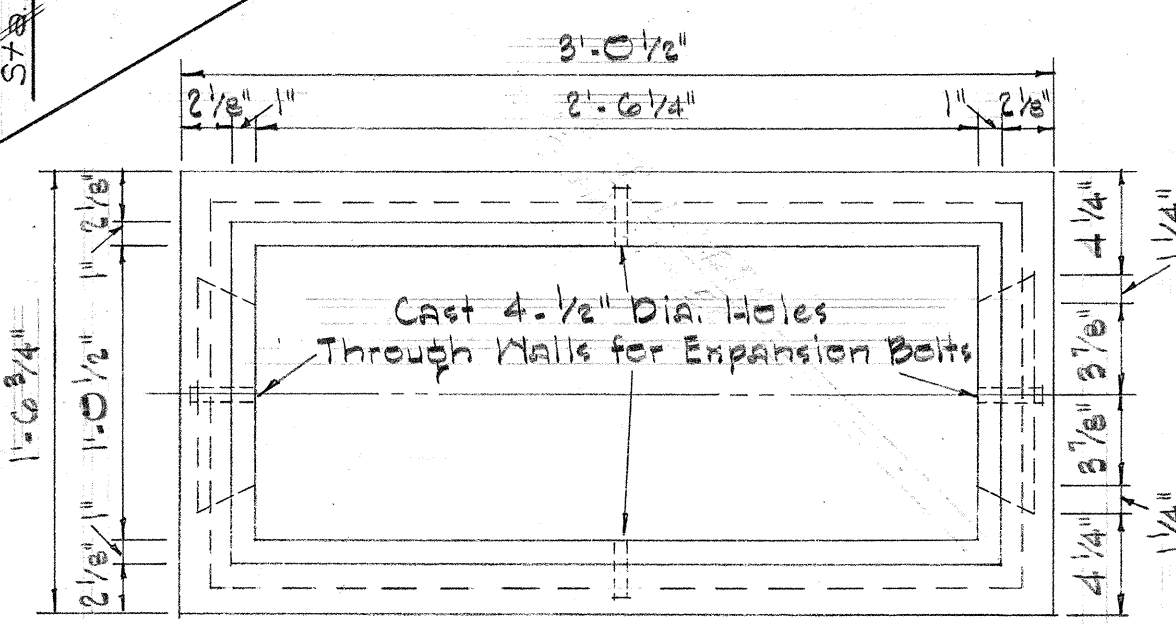
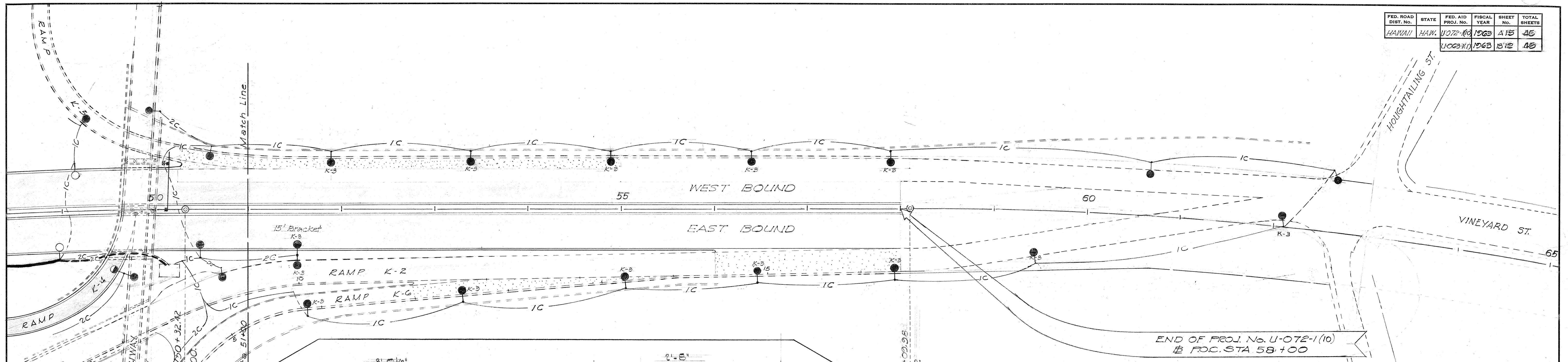
A 13 B 10

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOT. SHEET
HAWAII	HAW.	U-072-1(16)	1963	A 14	45
		U-063-1(1)	1963	B 11	45

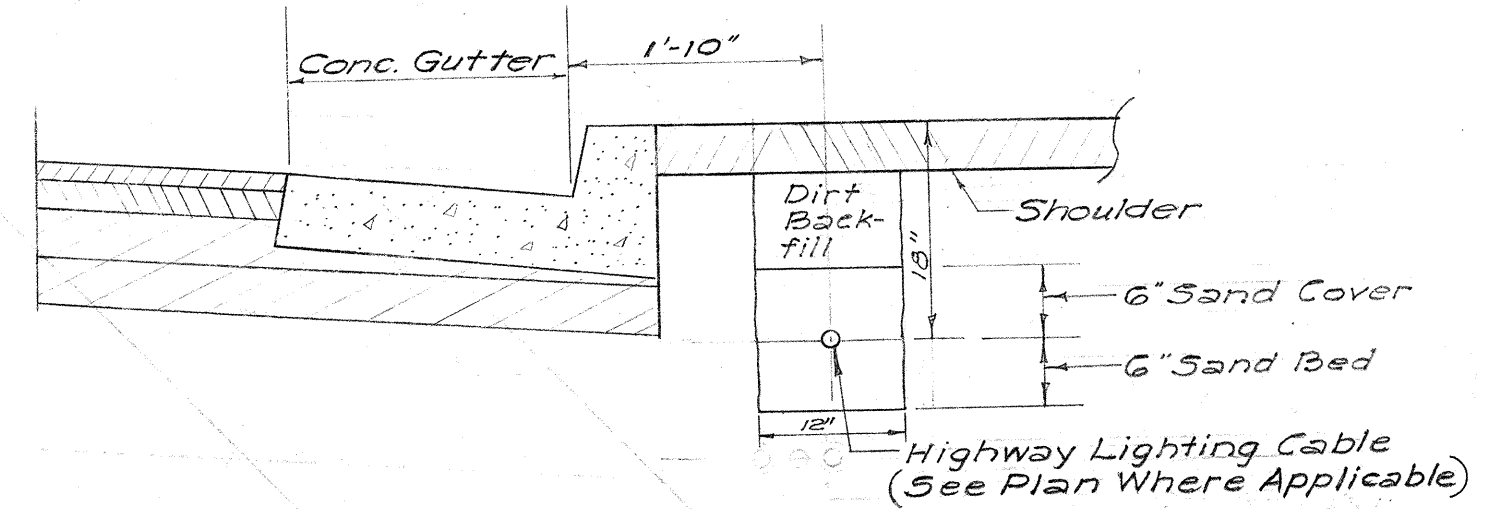


ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____	
	DESIGNED BY _____	" "
	DRAWN BY _____	" "
	TRACED BY _____	" "
NOTE BOOK	QUANTITIES BY _____	" "
No. _____	QUANTITIES CHECKED BY _____	" "
	CHECKED BY _____	" "

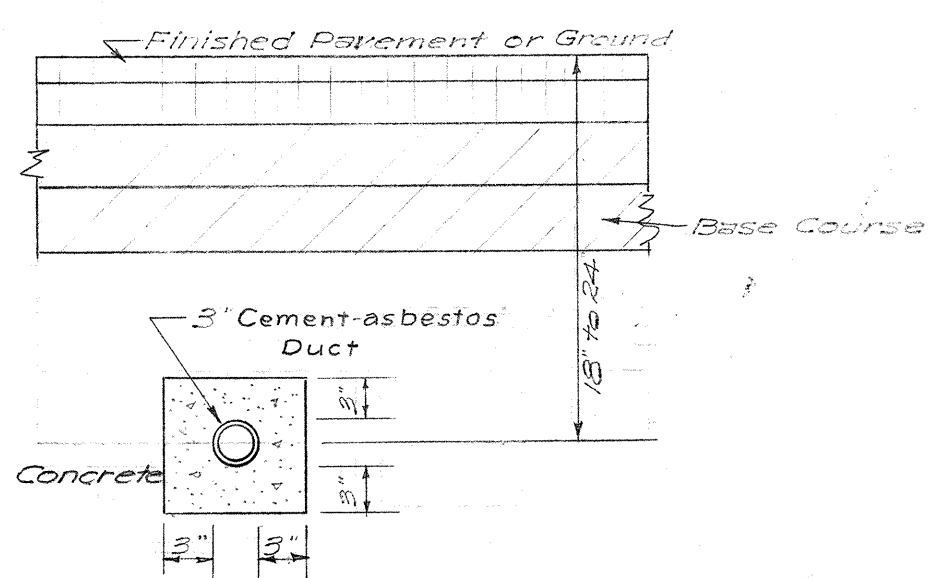
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-072-1(10)	1963	A 15	46
		U-063-1(1)	1963	B 12	48



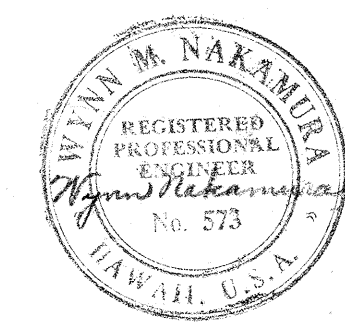
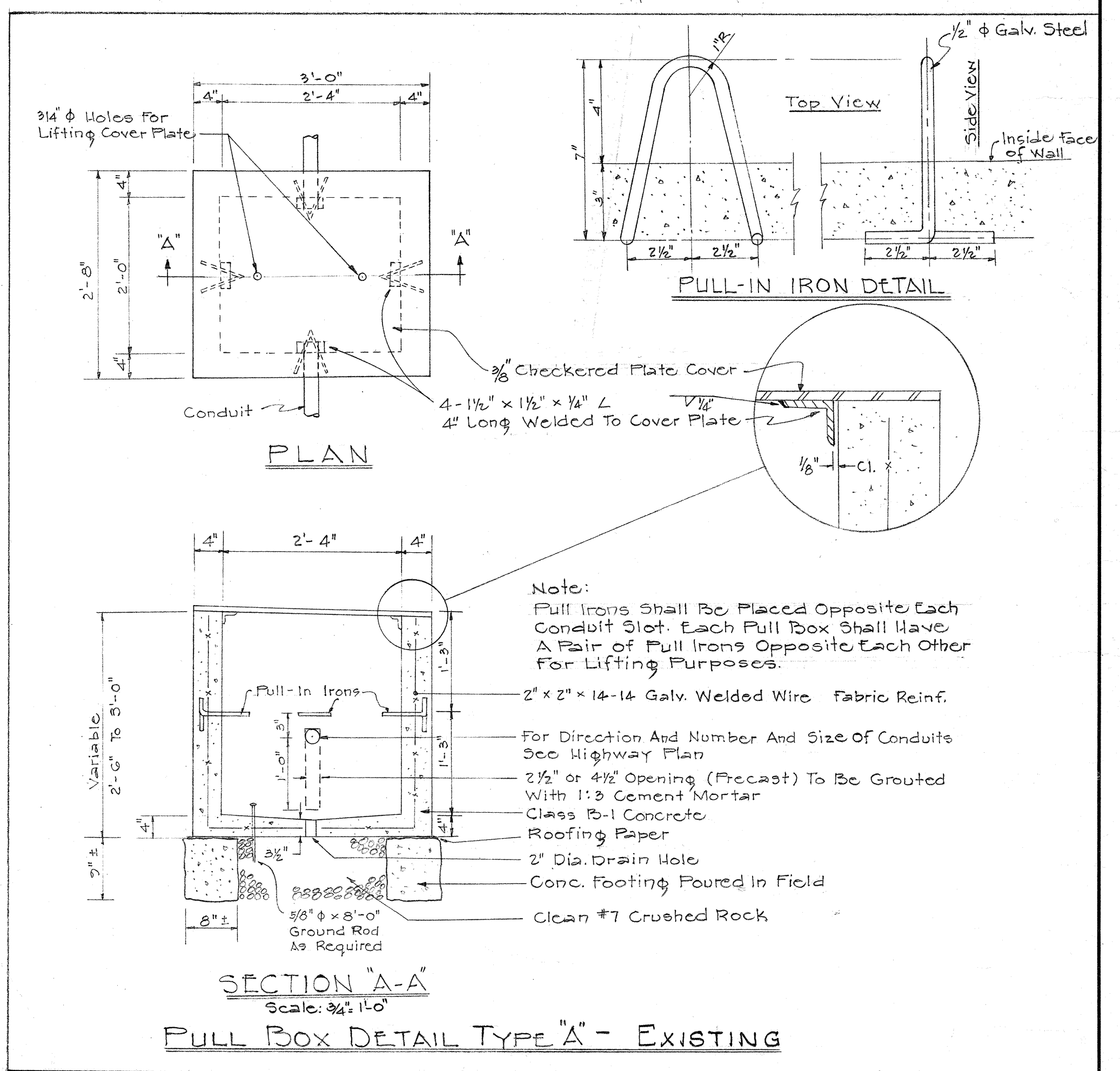
TYPE "C" PULLBOX
Scale: 1 1/2" = 1'-0"



TYPICAL DETAIL OF CABLE UNDER SHOULDER AREA
Scale: 3/4" = 1'-0"



DETAIL OF 3" CEMENT-ASBESTOS DUCT ENCASED IN CONCRETE UNDER PAVEMENT OR GROUND
Scale: 1" = 1'-0"



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HIGHWAY LIGHTING PLAN

LUNALILO FREEWAY U-072-1(10)
LIKELIKE HIGHWAY U-063-1(1)

SHEET No. 3 OF 3 SHEETS

A 15 B 12

ORIGINAL PLAN	DATE
DESIGNED BY	8-5-62
TRACED BY	8-5-62
QUANTITIES BY	
CHECKED BY	
NO.	