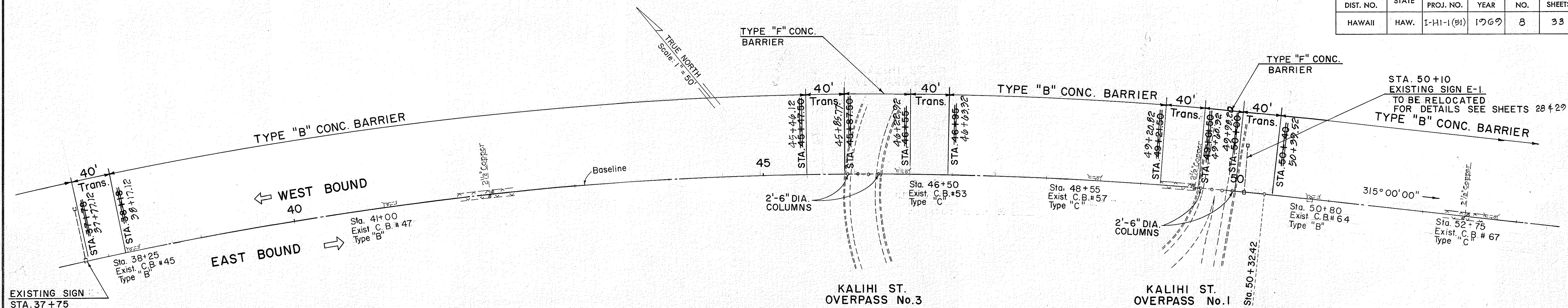
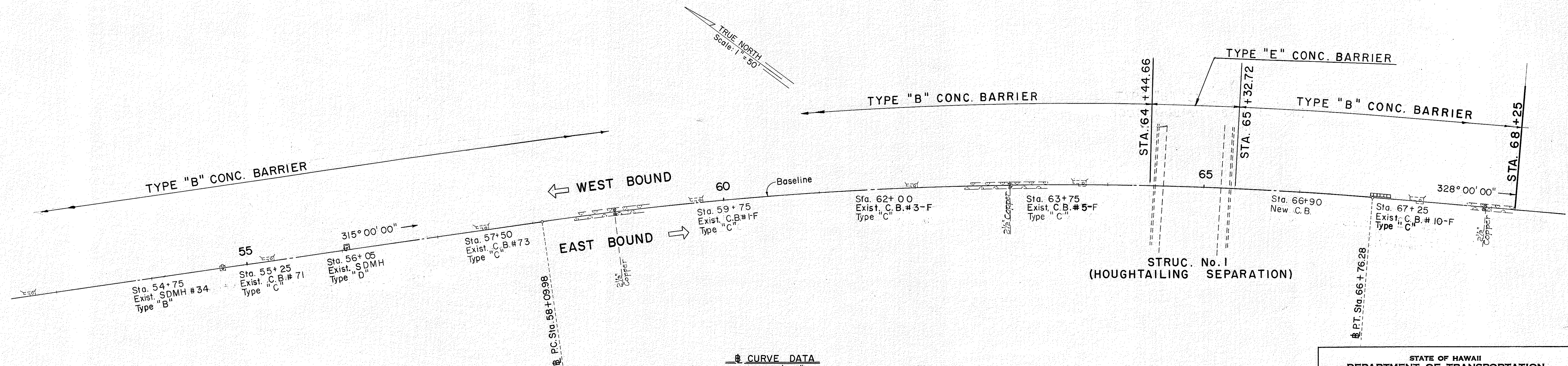


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H1-1(51)	1968	8	33



§ CURVE DATA
 $\Delta = 38^\circ 06' 20''$
 $R = 4000.00$
 $T = 1381.43$
 $L_c = 2660.27$



§ CURVE DATA
 $\Delta = 12^\circ 59' 40''$
 $D^\circ = 1^\circ 00' 30''$
 $R = 3819.72$
 $T = 435.01$
 $L_c = 866.30$

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN

Scale as noted May 1968

SHEET No. 2 OF 6 SHEETS

DATE	DESIGNED BY	CHECKED BY
PLAN	DESIGNED BY	CHECKED BY
NOTE BOOK	DESIGNED BY	CHECKED BY
No.	DESIGNED BY	CHECKED BY

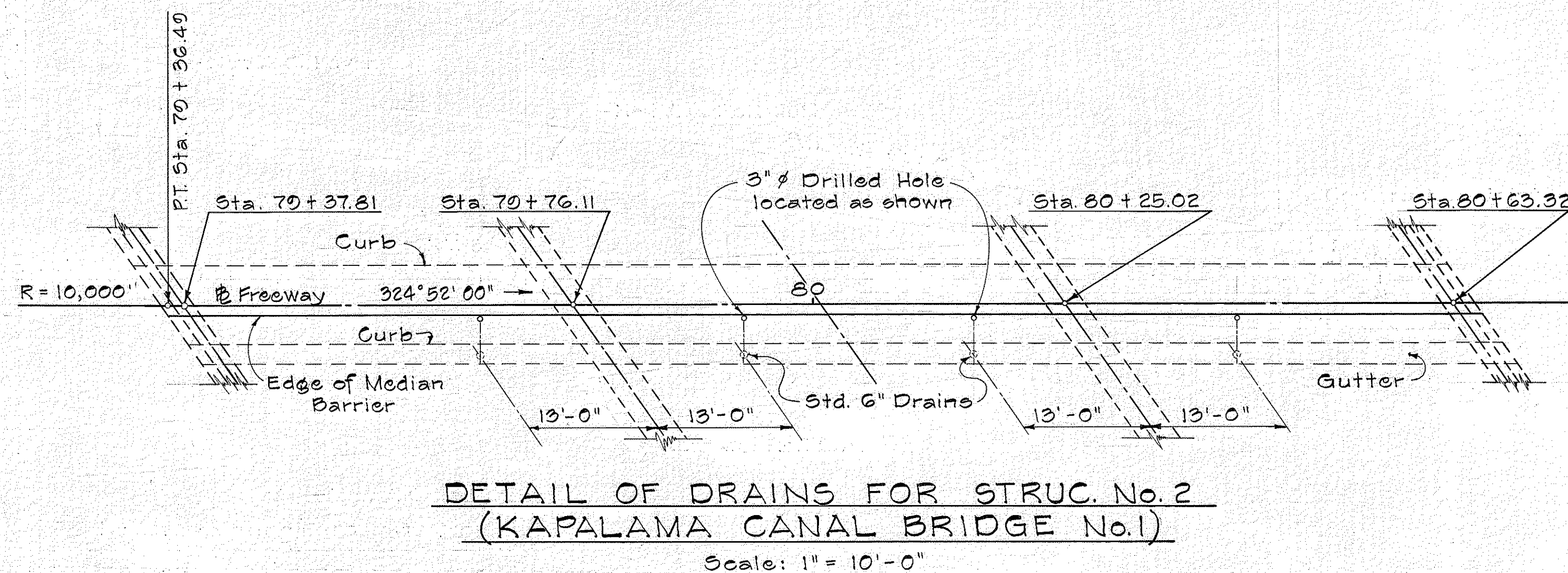
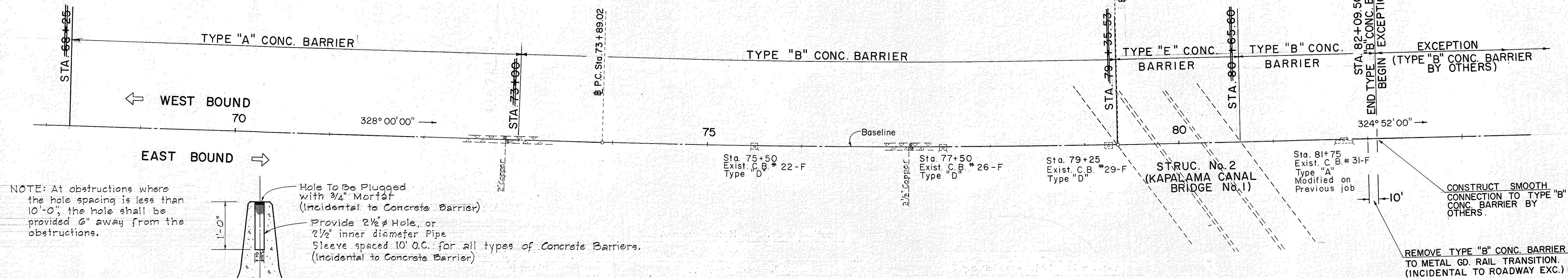
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(51)	1969	7	33

§ STA. 69+65 TO 82+10
SALVAGE 6' CH. LK. FENCE AND STOCKPILE
AT LOCATION SELECTED BY THE ENGINEER
(INCIDENTAL TO ROADWAY EXC.)

§ STA. 69+65 TO 82+10
CONSTRUCT 4-FEET CHAIN LINK
FENCE ON CONCRETE BARRIER.

§ STA. 81+00 TO 82+00
SALVAGE DOUBLE METAL GD. RAIL
WITH POSTS. (TO BE PAID UNDER ITEM
NOS. 81A.02 AND 130.01.)

§ CURVE DATA
 $\Delta = 3^\circ 08' 00''$
 $R = 10,000.00$
 $T = 273.50$
 $L_c = 546.87$



NOTES:

- Spalling of soffit due to drilling of hole shall be repaired with epoxy mortar, to the satisfaction of the Engineer.
- Drilled holes shall be located such that the deck reinforcement will not be exposed. If reinforcement is encountered in drilling, the hole shall be shifted and the reinforcement covered with epoxy mortar.
- Epoxy mortar shall be approved by the Engineer.
- Contractor shall exercise care in removing concrete from and in the proximity of existing structures. Any damage to existing structures shall be repaired as directed by the Engineer and at the Contractor's expense. Explosives and other devices causing excessive impact shall not be used. Only hand operated equipment approved by the Engineer will be permitted for removal and drilling of holes in concrete.

Holes for dowels and drains on bridge decks shall be drilled by hand operated pneumatic or electrical drills with proper attachment that does not cause the soffit to spall.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

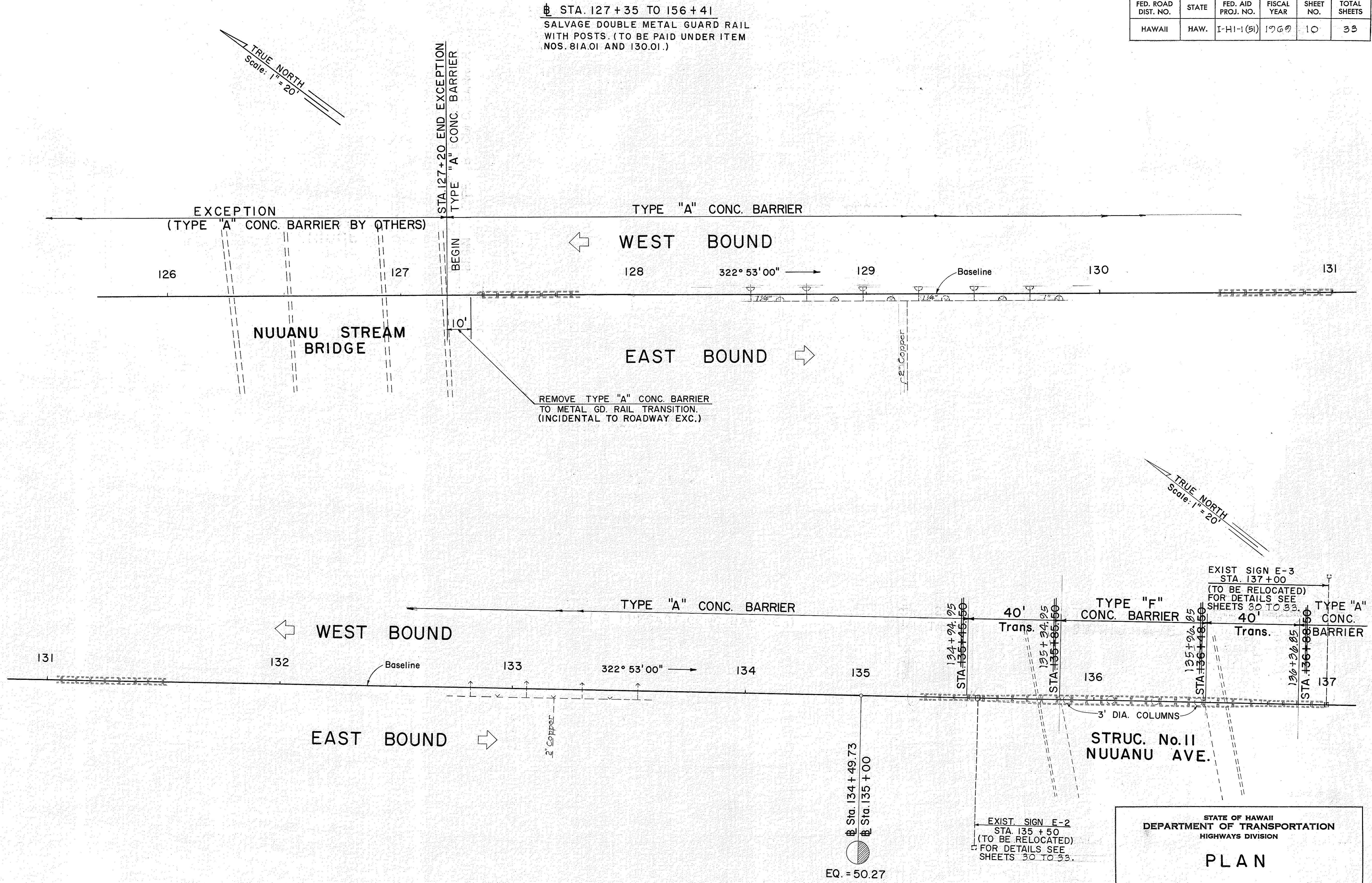
Scale as noted

May 1968

SHEET No. 3 OF 6 SHEETS

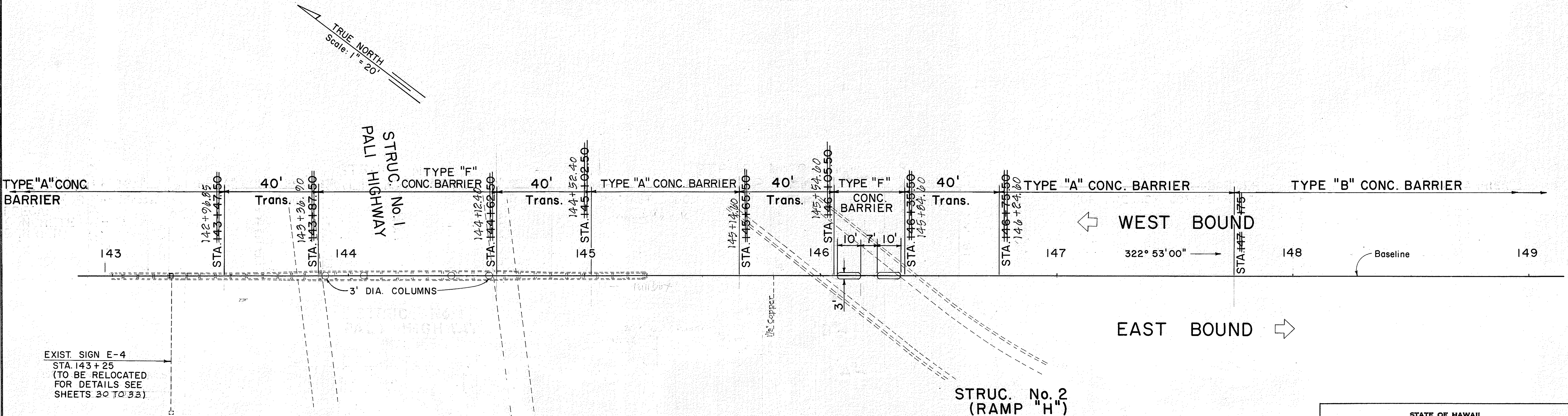
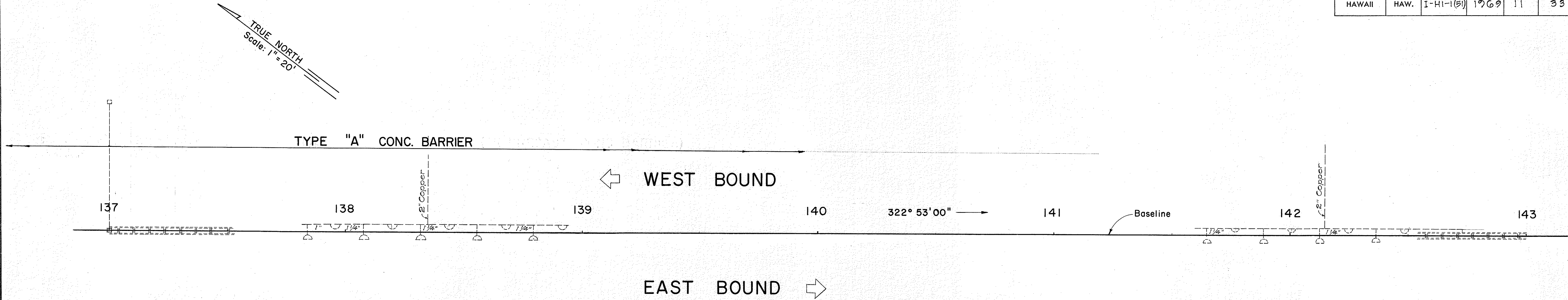
HOLE SPACING DETAILS FOR CONC. BARRIER

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(5)	1968	10	33



DATE	_____
SURVEY PLOTTED BY	_____
ORIGINAL PLAN	_____
DRAWN BY	_____
TRACED BY	_____
NOTED BY	_____
CHECKED BY	_____
No.	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(5)	1969	11	33



NOTE: Type "F" Concrete Barrier at
Structure No. 2 (Ramp H).
For Detail See Sheet 6.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

Scale as noted

May 1968

SHEET No. 5 OF 6 SHEETS

DATE	10/1/68
DESIGNED BY	W. H. HARRIS
TRACED BY	W. H. HARRIS
NOTE BOOK	10/1/68
CHECKED BY	W. H. HARRIS
ORIGINAL	10/1/68

