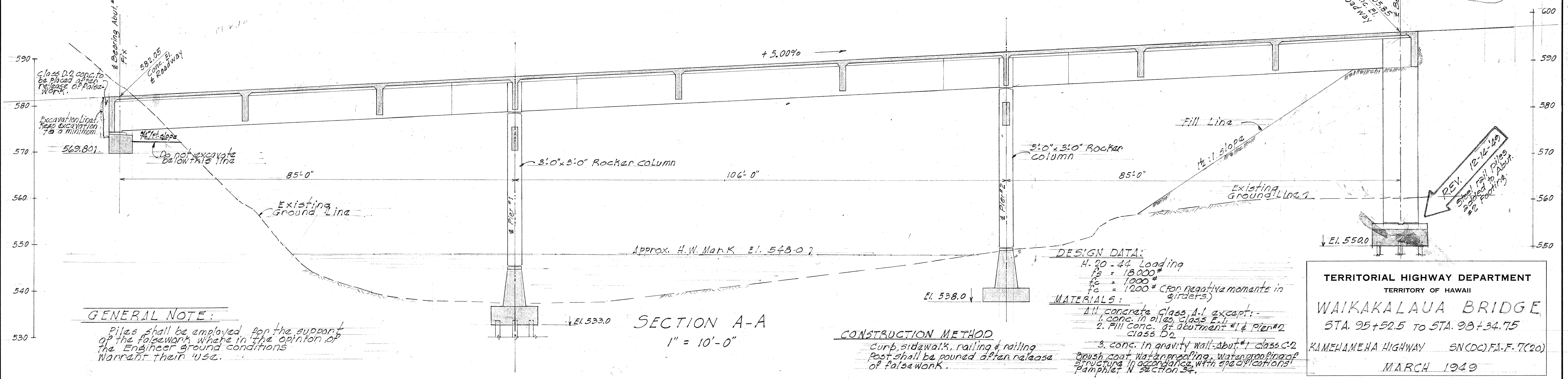
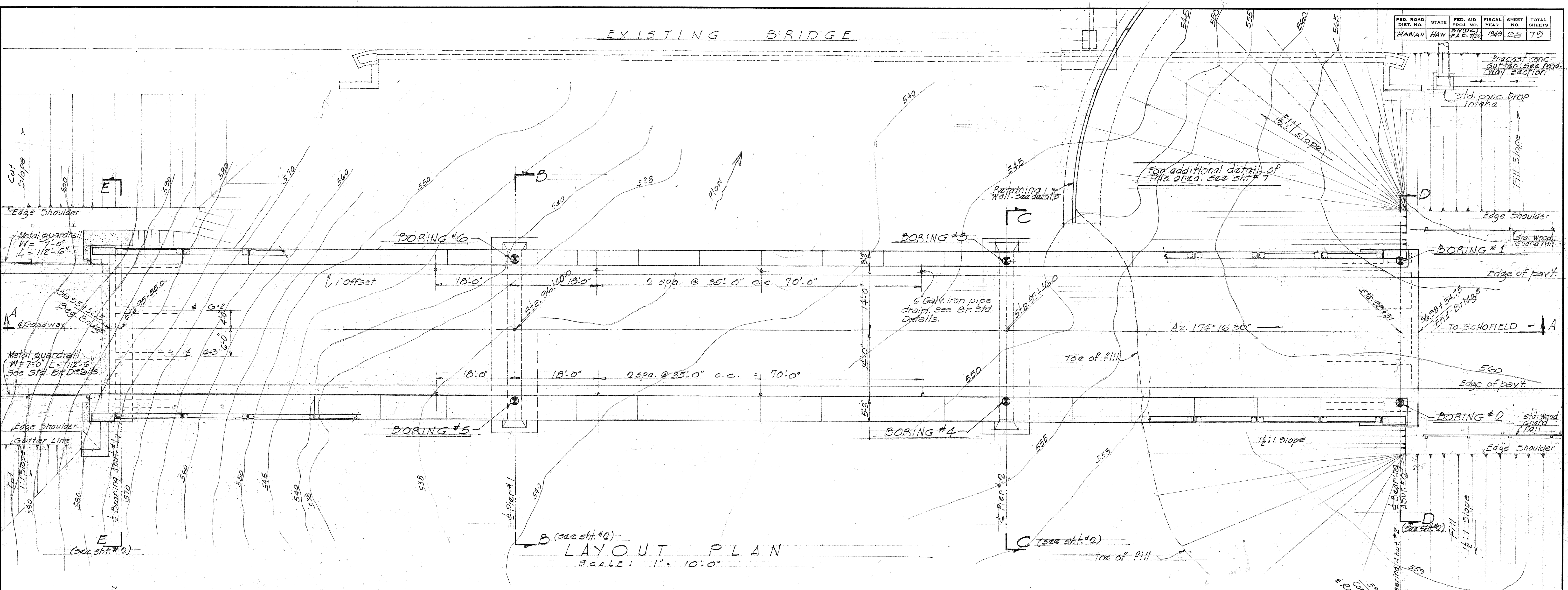


EXISTING BRIDGE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	FA-F-7(20)	1949	28	70

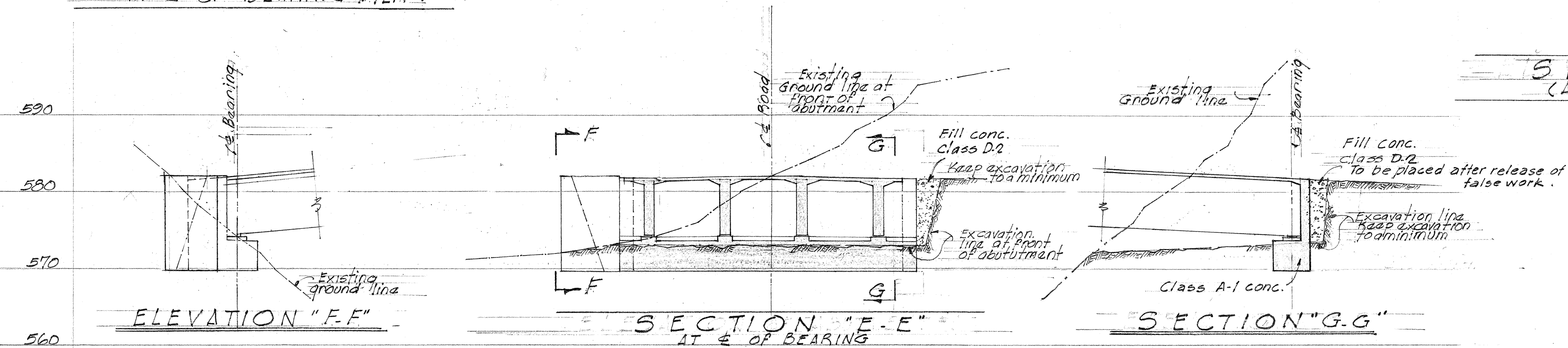
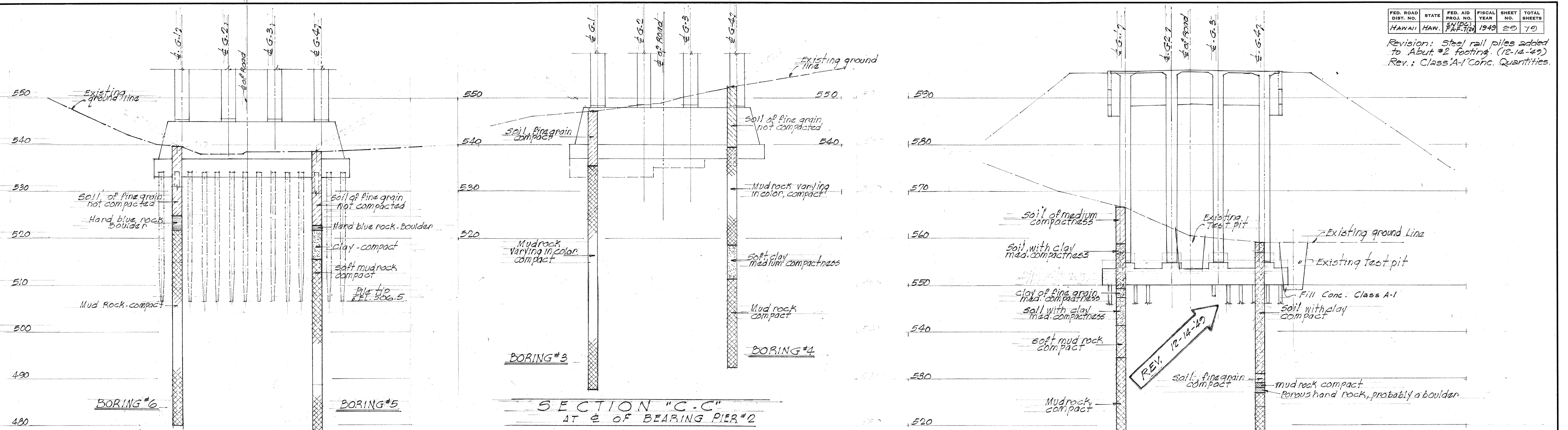


TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
WAIKAKALAU BRIDGE
STA. 95+52.5 TO STA. 98+34.75
KAMEHAMEHA HIGHWAY S(CDC) FA-F-7(20)
MARCH 1949

SHEET No. 1 OF 3 SHEETS

5382.28

Revision: Steel rail piles added to Abut #2 footing. (12-14-49)
Rev.: Class A-1 Conc. Quantities.



NOTES

- Sections "B-B", "C-C", "D-D", & "E-E" refer to corresponding section marks as indicated on sheet #1.

ESTIMATED QUANTITIES

ITEM	SUPERSTRUCTURE DECK, FRAMES, RAILROAD, SIDEWALK, CURB	RAILROAD END POST	ABUT #1 FTG. & WINGWALL	ABUT #2 FOOTING	PIERS	RETAINING WALL	TOTAL
CLASS A-1 CONCRETE	912.9	71.1	36.4	21.1	53.8	30.6	1486.1 c.y.
CLASS C-2 CONCRETE	910.5			10.04	71.4		1004 c.y.
CLASS D-2 CONCRETE				49.90	41.74		91.64 c.y.
REINFORCING STEEL (INTERMEDIATE GAGES)	207,445		7,183	1,766	8,917	31,412	266,256 lbs.
A.C. PAVEMENT	44.0 TONS						44.0 TONS
STRUCTURAL EXCAVATION 14"x14"x30'0" CONC. PILES			300	270	360	330	1,260 c.y.
					42 pcs.		42 pcs.

1,501.3 c.y.

REV. 12-14-49

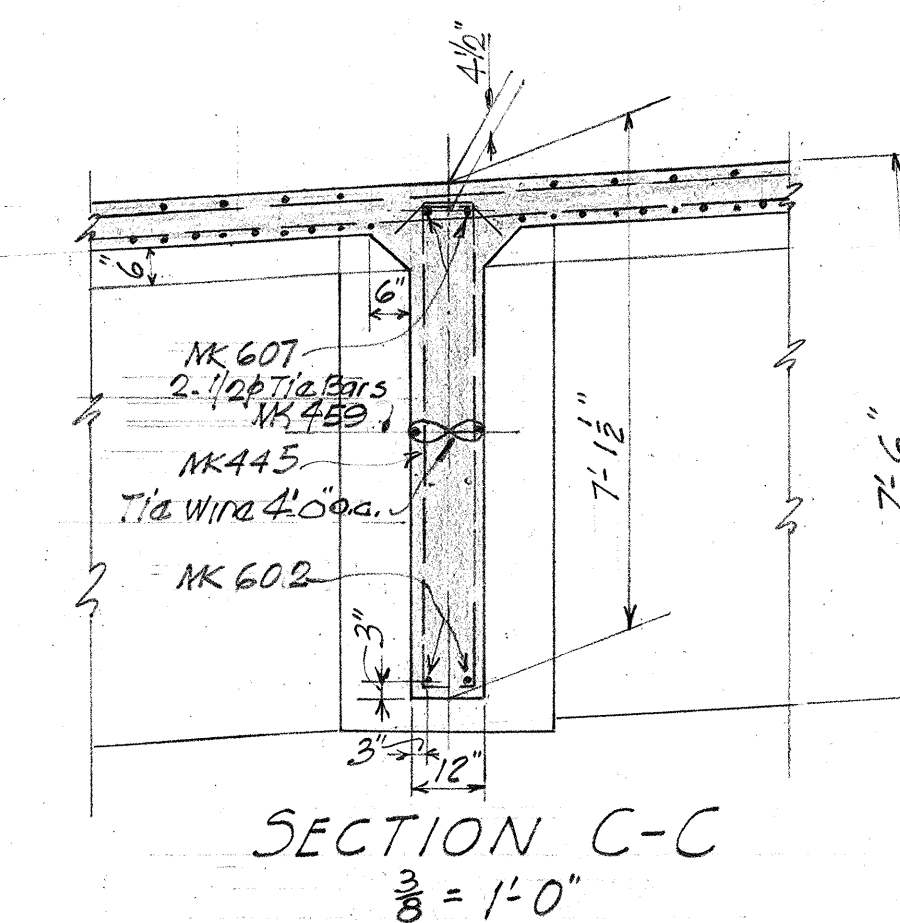
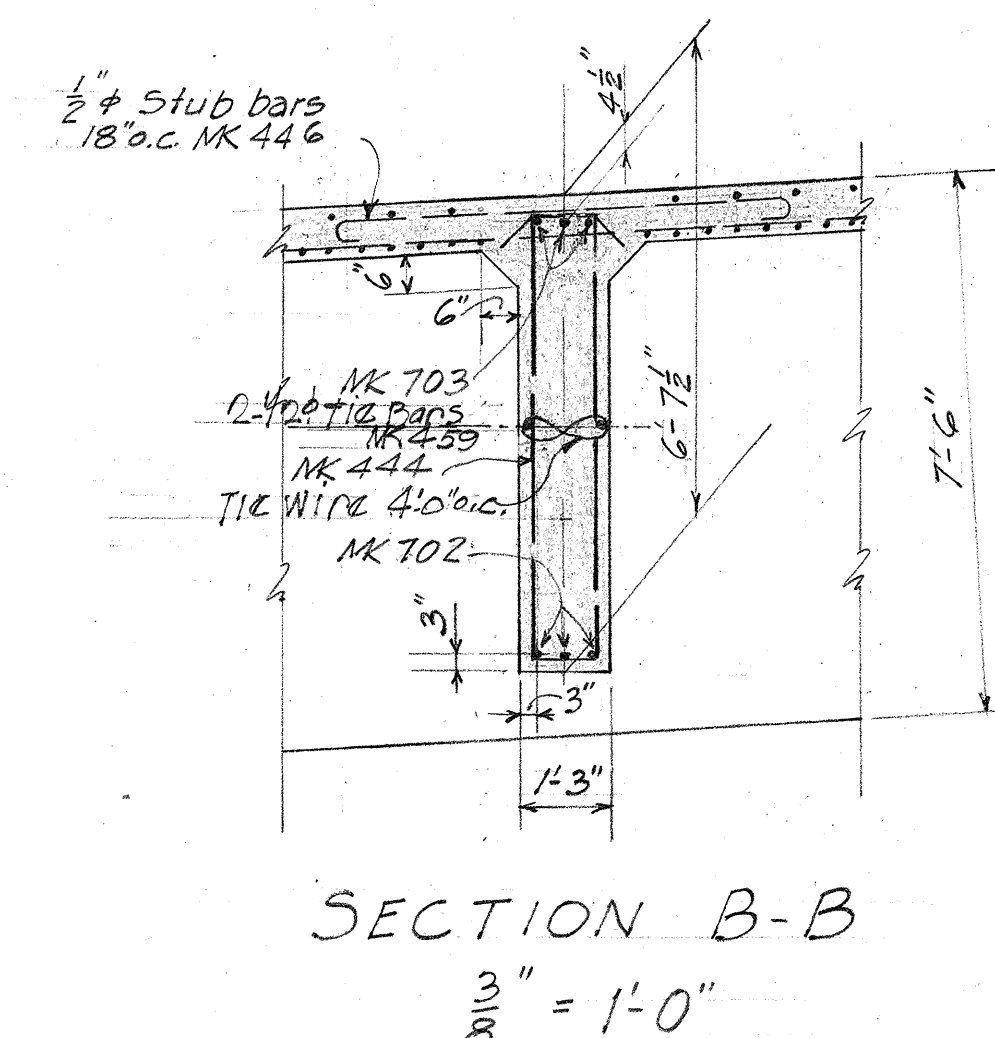
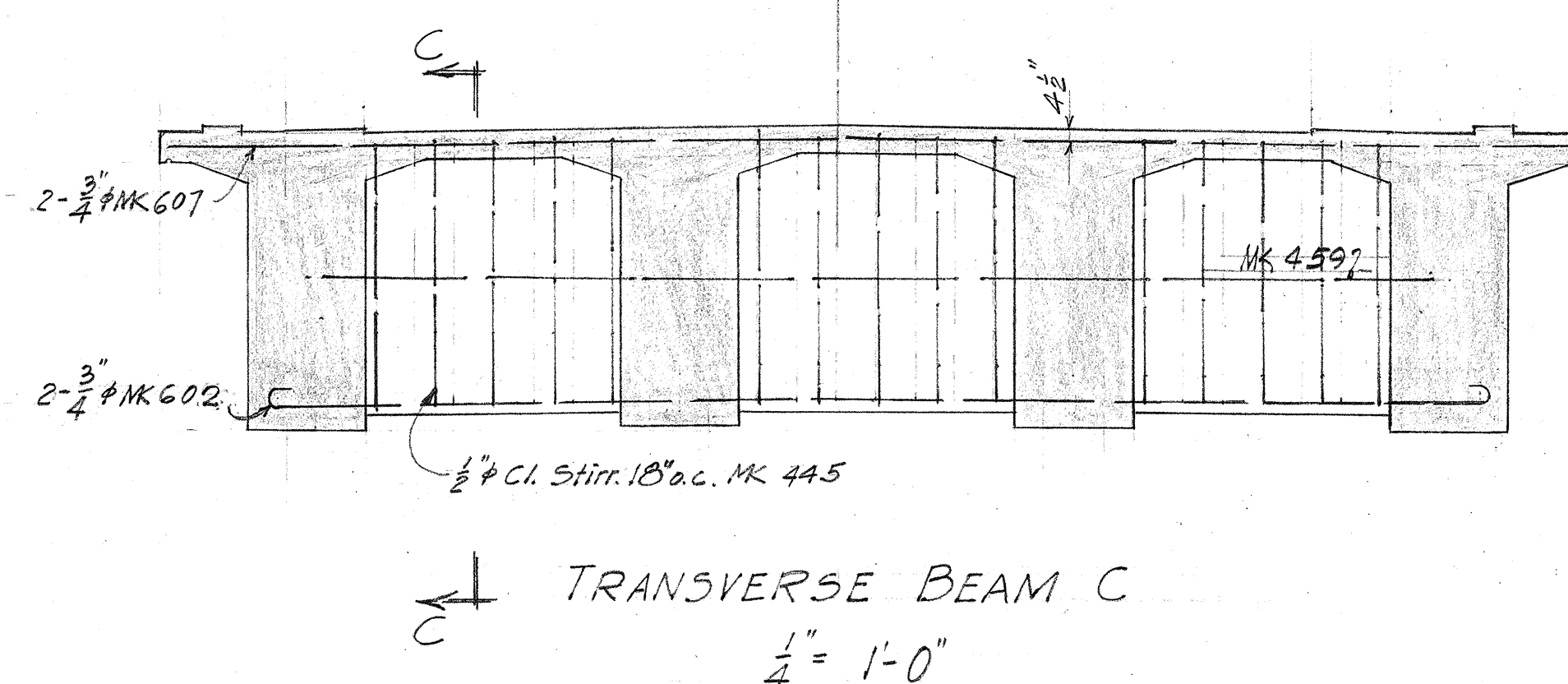
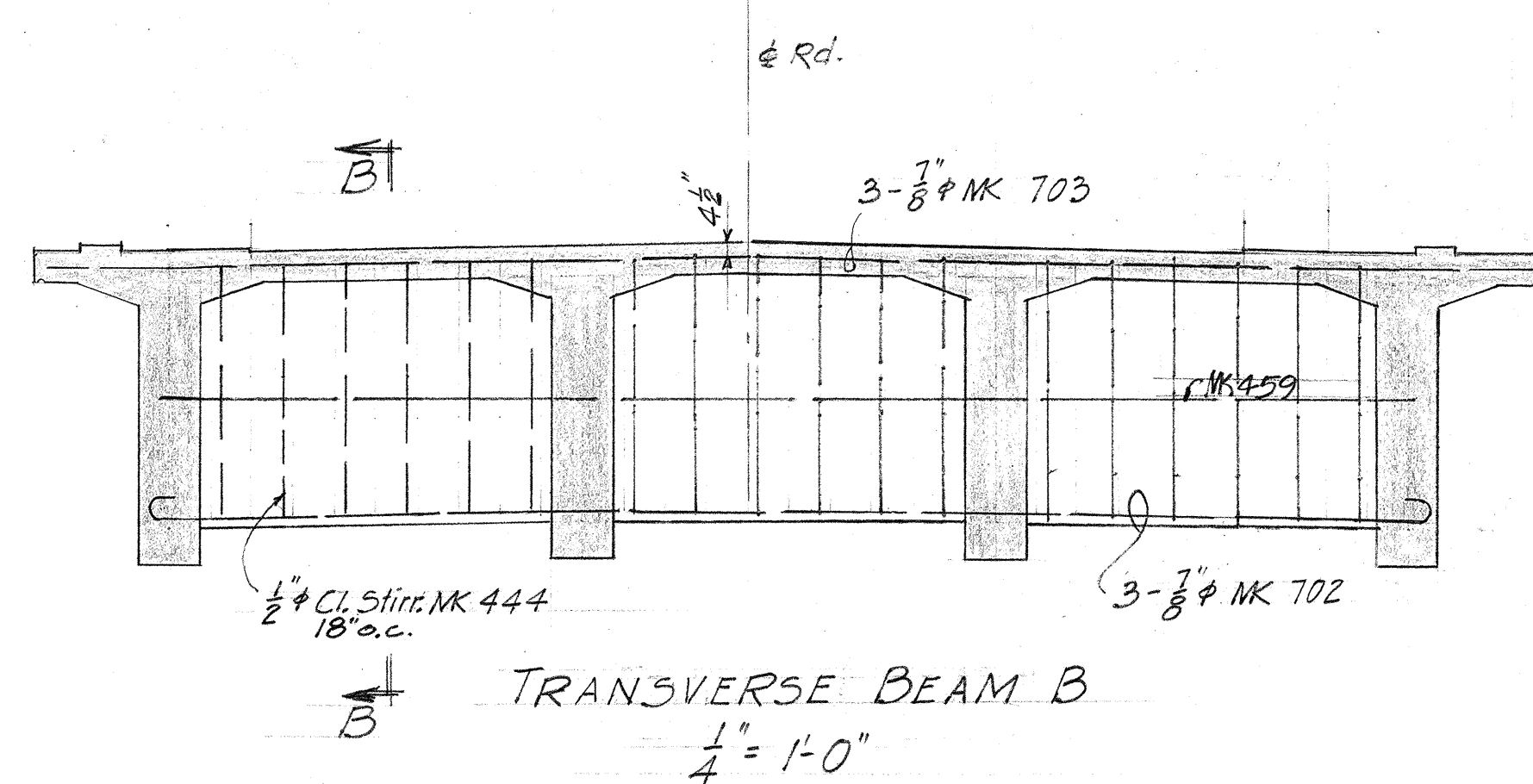
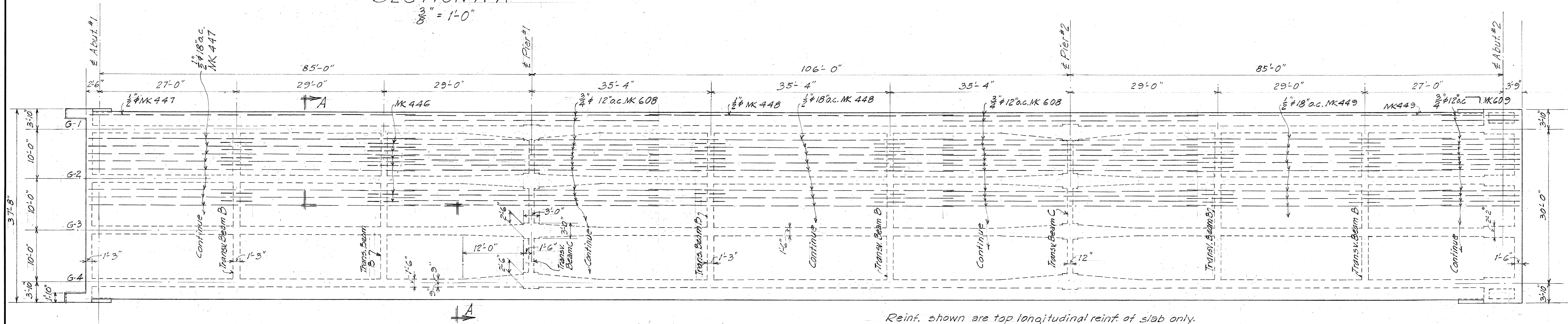
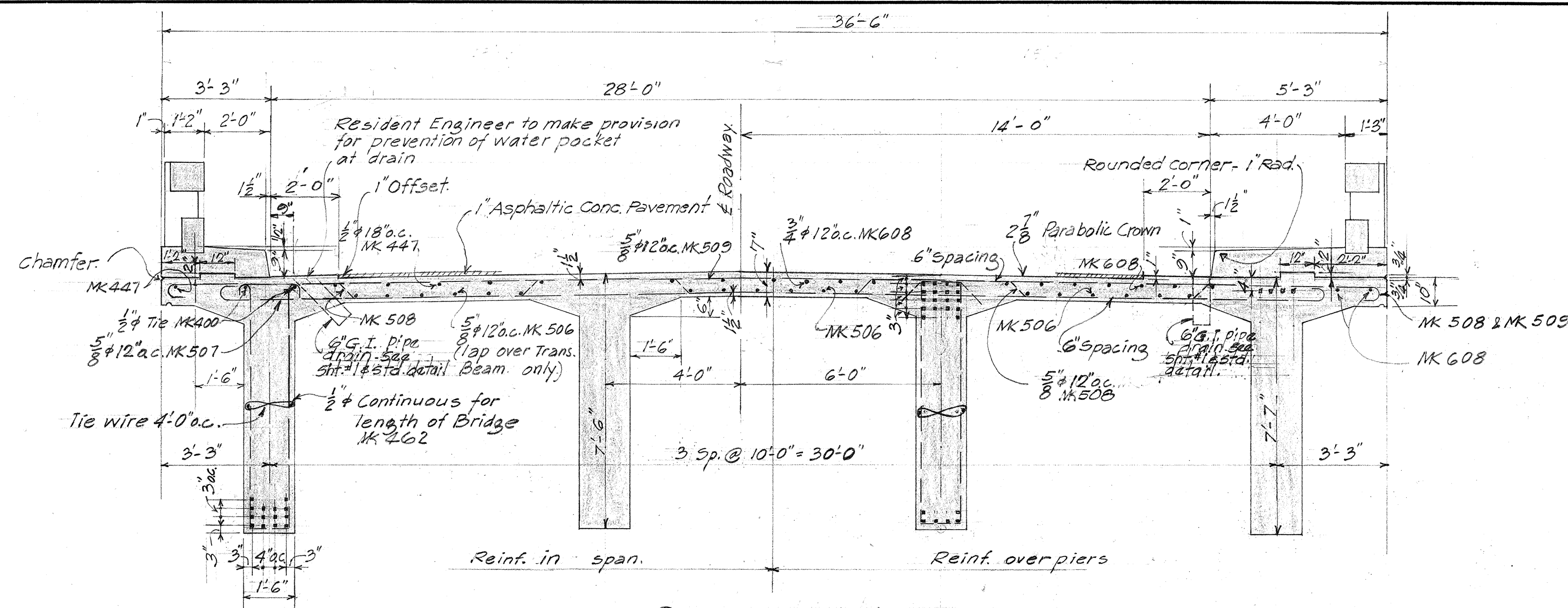
SCALE: 1"=10'-0"

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
WAIKAKALAU BRIDGE
 STA. 95+52.5 TO STA. 98+34.75
 KAMEHAMEHA HIGHWAY S.N.(D-2) P.A.F.-7(20)
 MARCH 1949

SHEET NO. 2 OF 3 SHEETS

5382.29

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	5N1(20) FA-F-7(20)	1949	30	70



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
WAIKAKALAU BRIDGE
STA. 95+52.5 TO STA. 98+34.75
KAMEHAMEHA HIGHWAY 5N(20) FA-F-7(20)
MARCH 1949

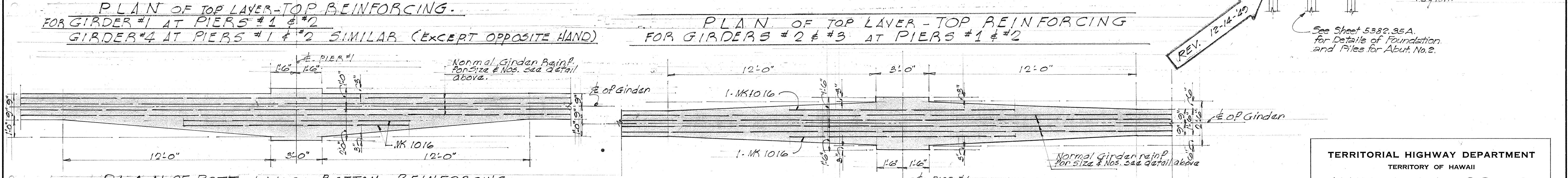
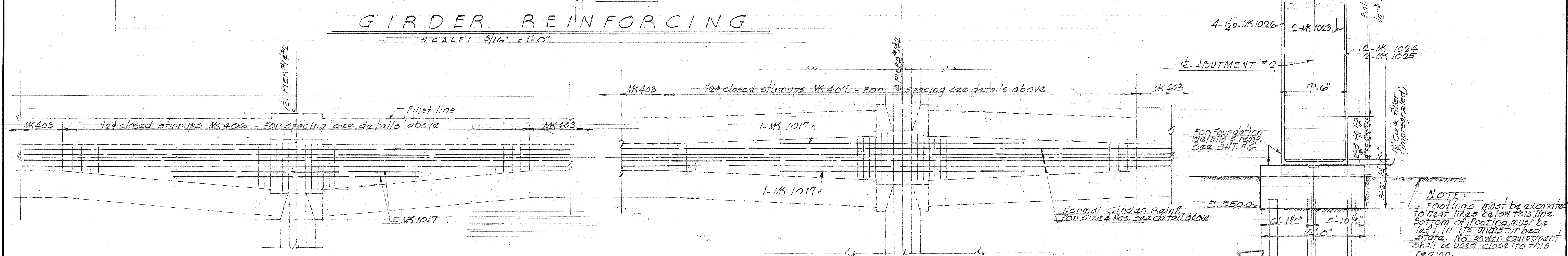
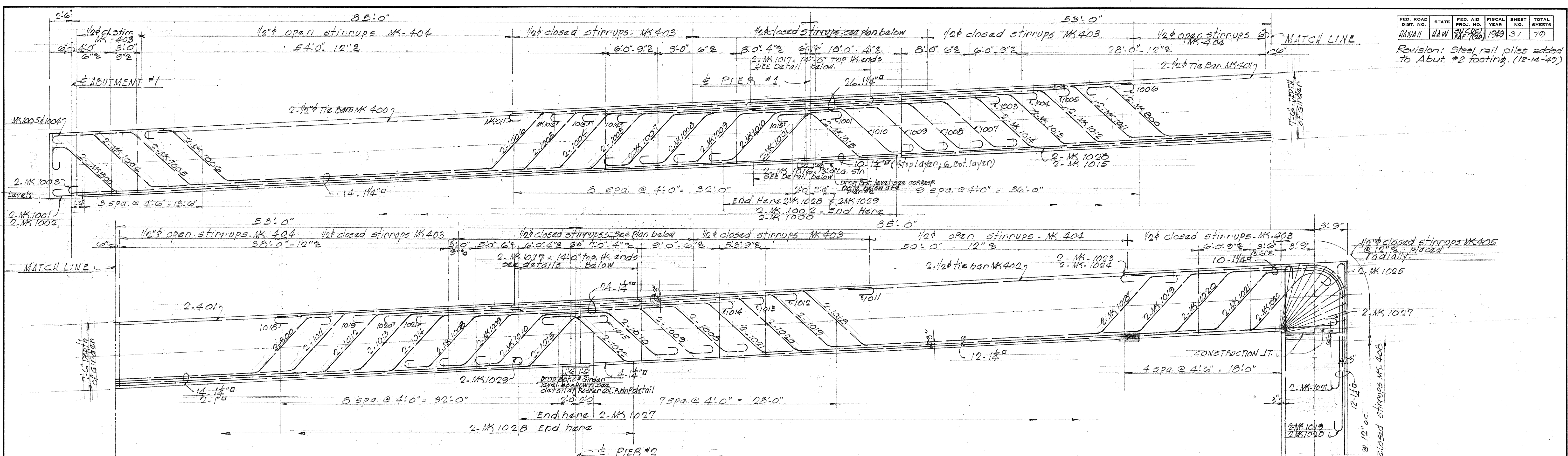
SHEET NO. 3 OF 3 SHEETS

5382.30

SURVEYED BY	DATE
DRAWN BY	3/43
CHECKED BY	4/43
QUANTITIES CHECKED BY	4/43
NOTE BOOK NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	517-003	1949	31	70

Revision: Steel rail piles added to Abut. #2 Footing. (12-14-49)



NOTE: Footings must be excavated to neat lines below this line. Bottom of footing must be left in its undisturbed state. No power equipment shall be used close to this region.

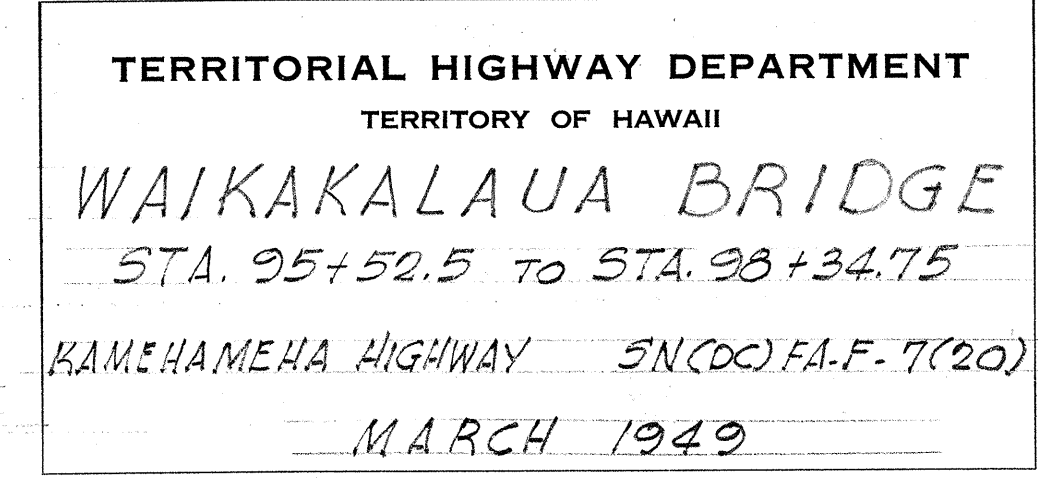
See Sheet 5382.35A for Details of Foundation and Piles for Abut. No. 2.

REV. 12-14-49

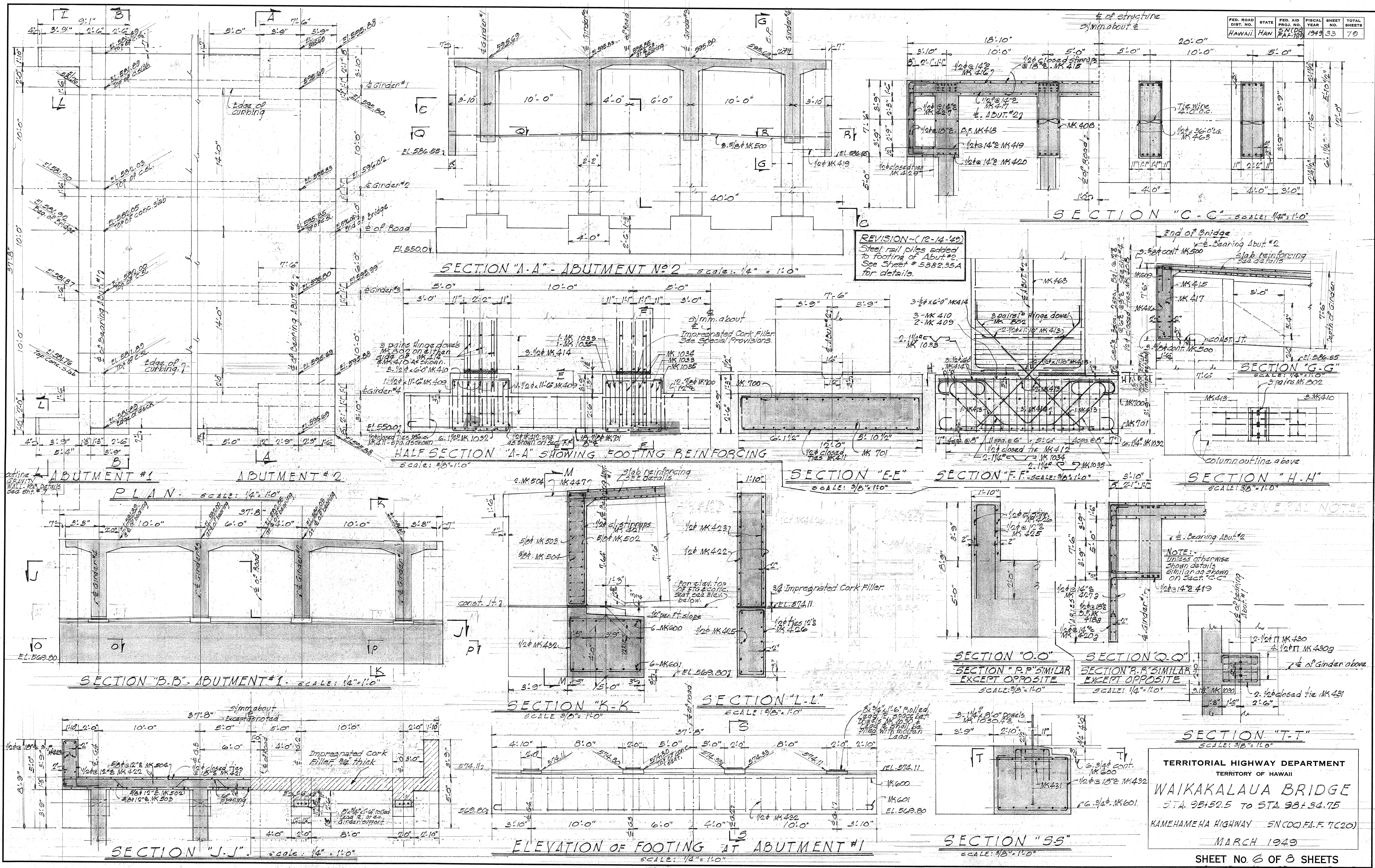
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
WAIKAKALAUA BRIDGE
STA. 25+52.5 TO STA. 98+34.75
KAMEHAMEHA HIGHWAY S.N.C.D.C. FA-F.7(20)
MARCH 1949

SHEET No. 4 OF 3 SHEETS

5382.31

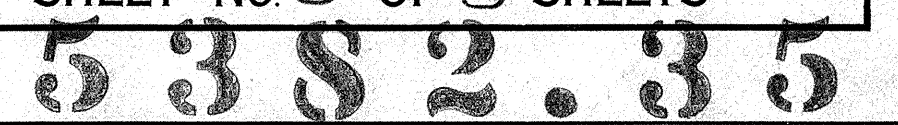


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	5N(CO) FA-720	1949	33	70

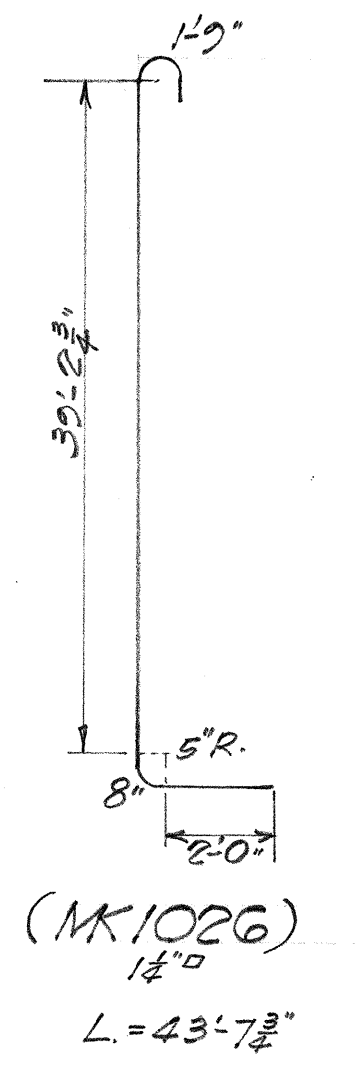
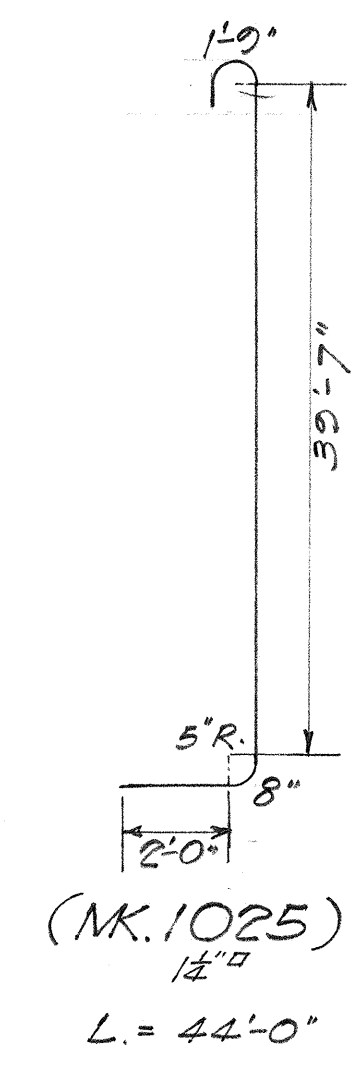
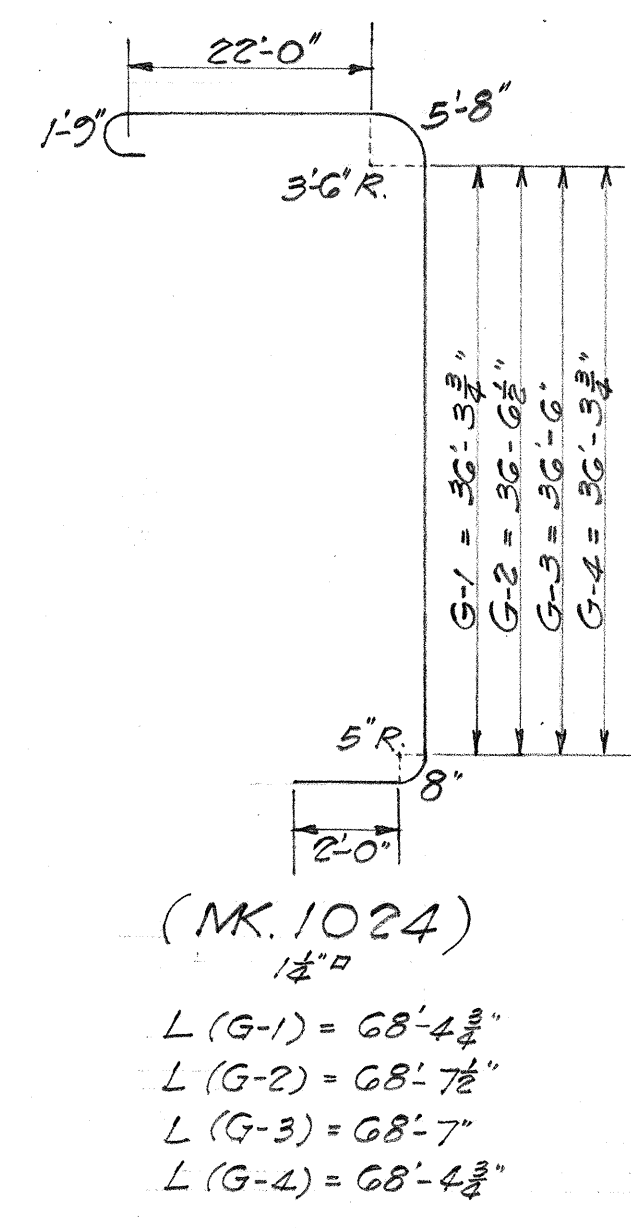
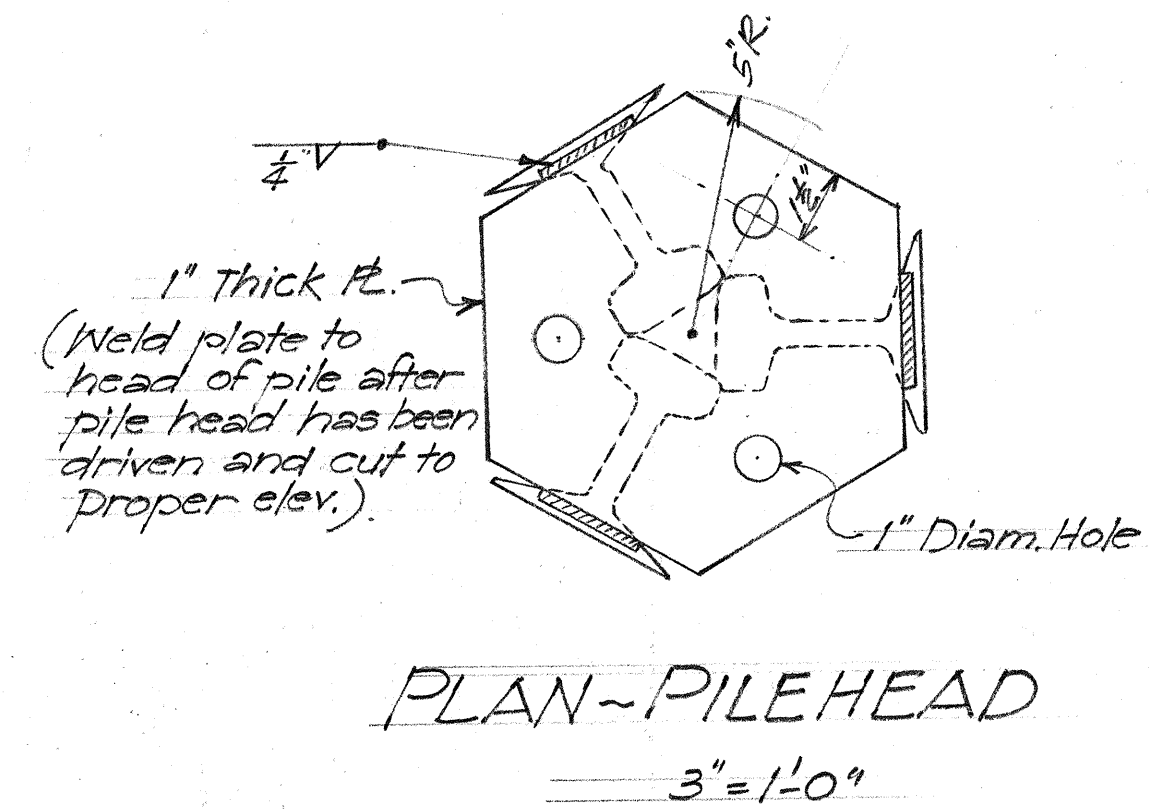
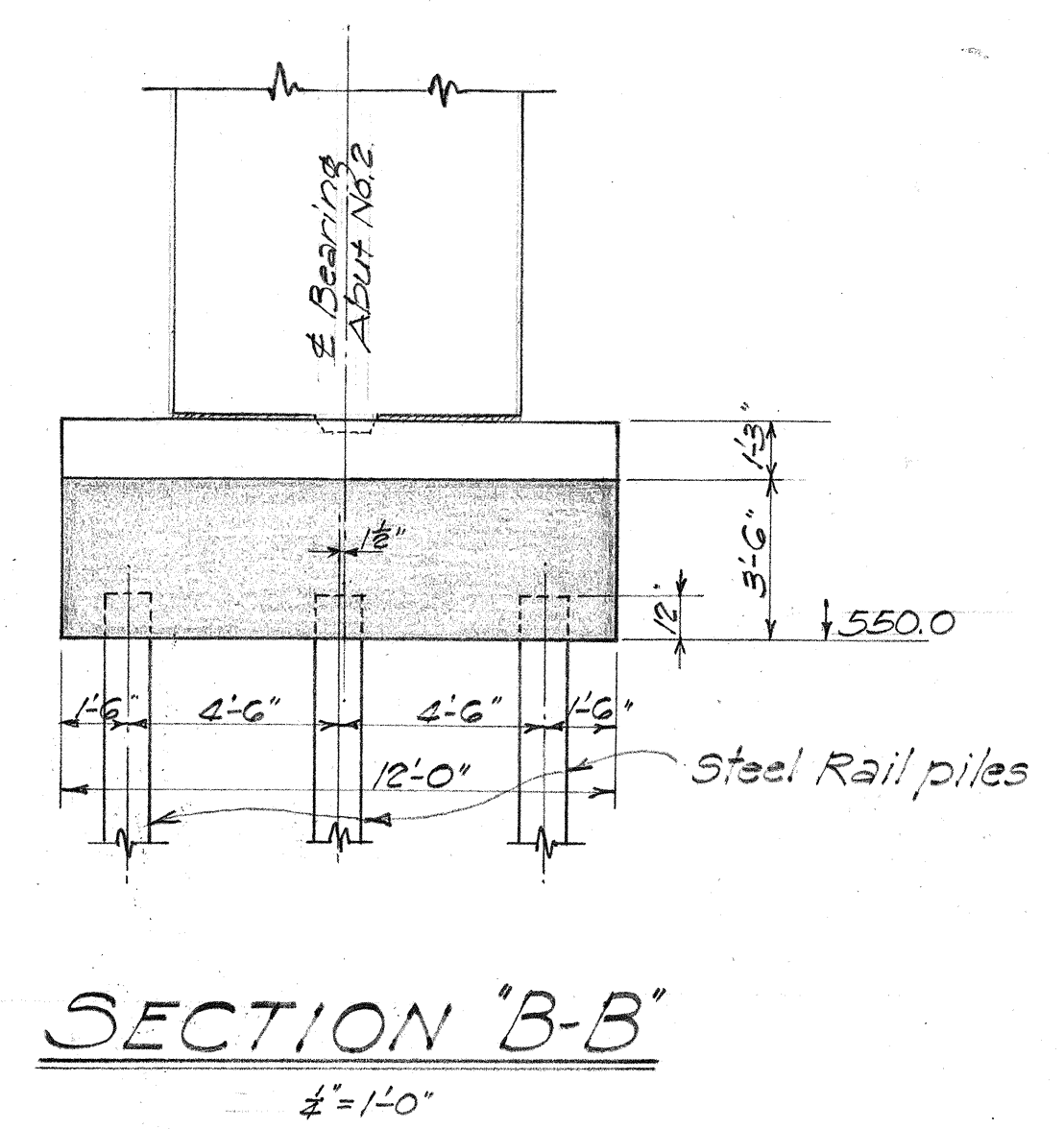
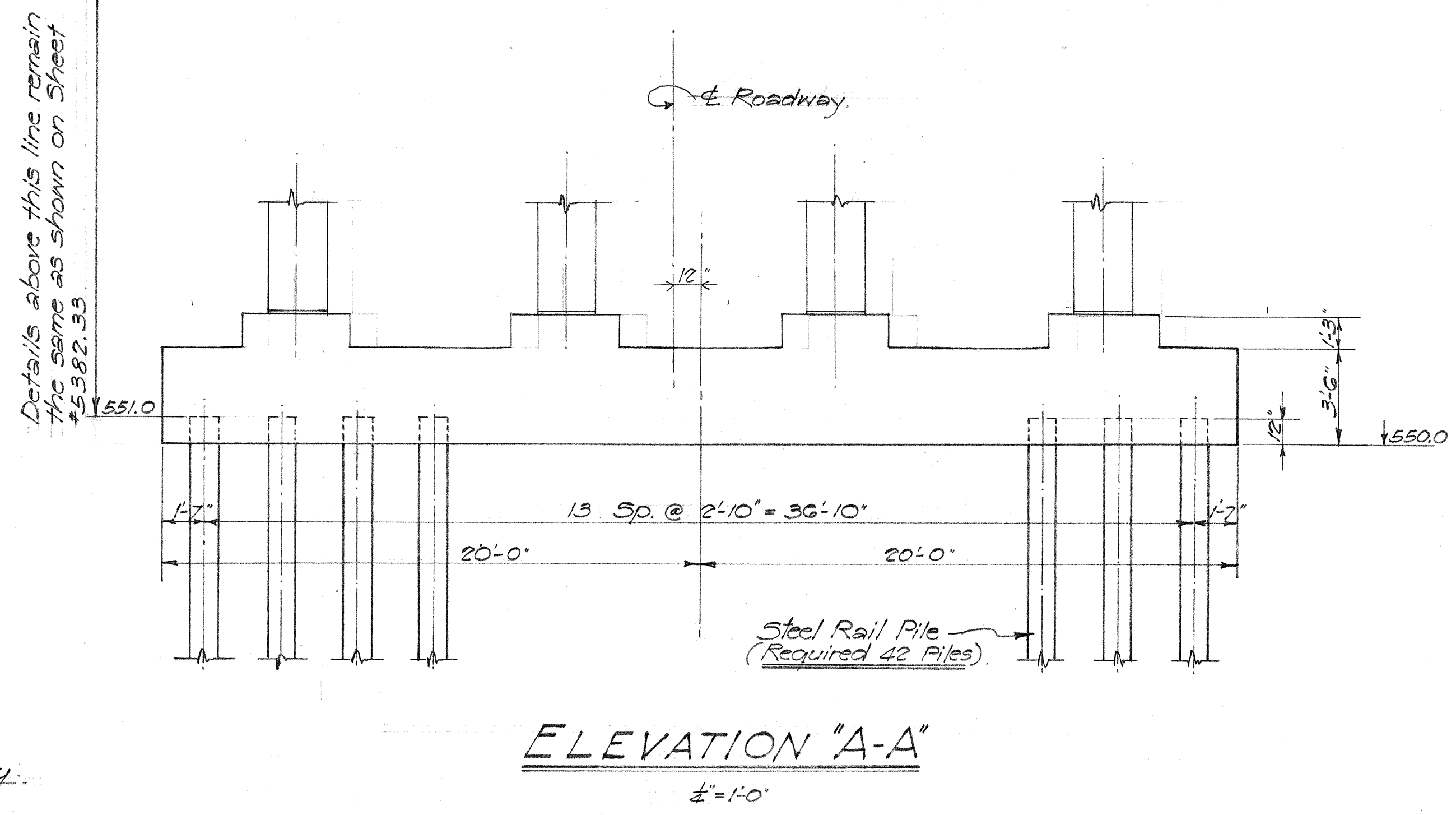
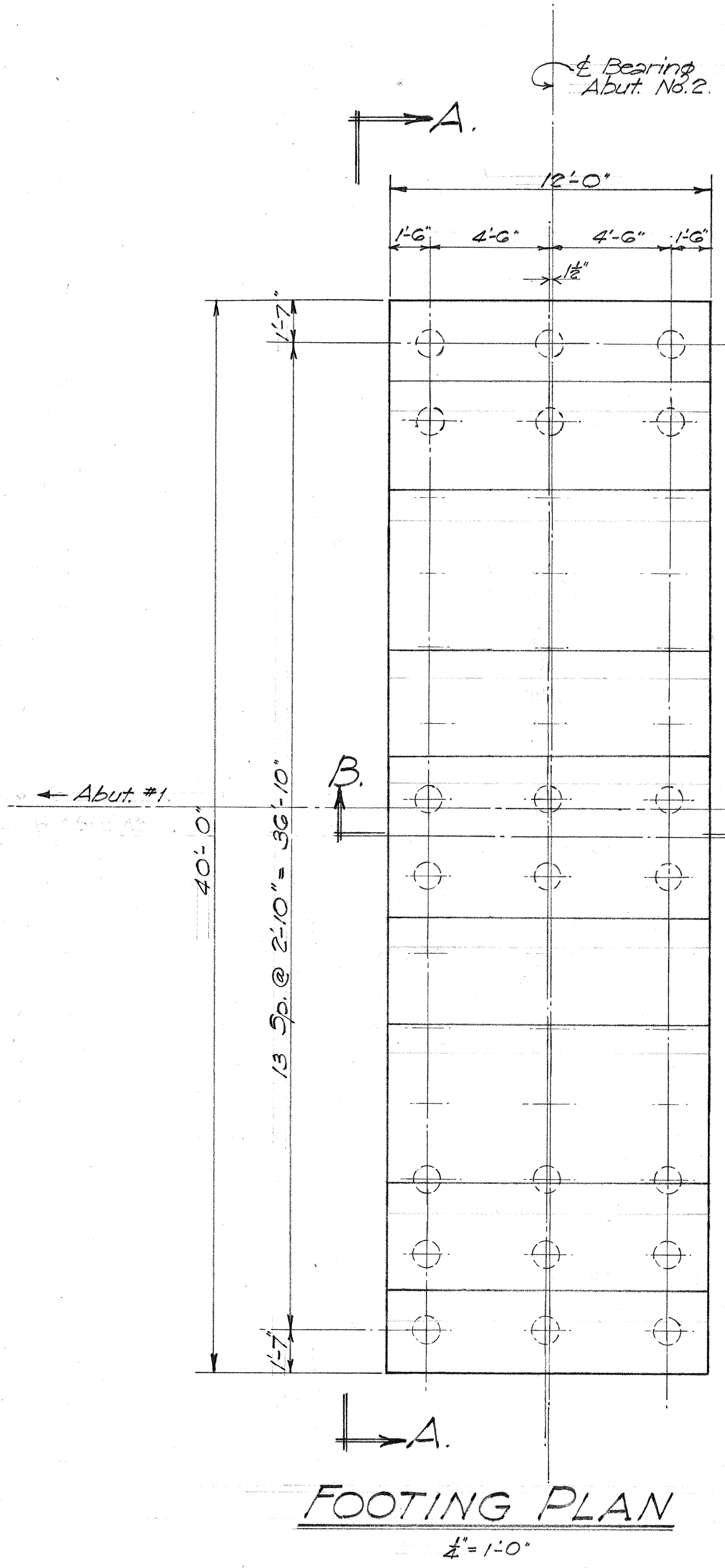


TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
WAIKAKALAU BRIDGE
 STA. 95+52.5 TO STA. 98+34.75
 KAMEHAMEHA HIGHWAY 5N(CO) FA-720
 MARCH 1949
 SHEET NO. 6 OF 8 SHEETS

5382.33



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	211(20)	1949	35A	79



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
REVISED FOUNDATION PLAN
ABUT. NO. 2
WAIKAKALAUA BRIDGE
Sta 25+52.5 to Sta 28+34.75
KAMEHAMEHA HWY. SN(DC) FA-F-7(20)
Dec. 1949

SHEET NO. 1 OF 1 SHEETS

5382.35A

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