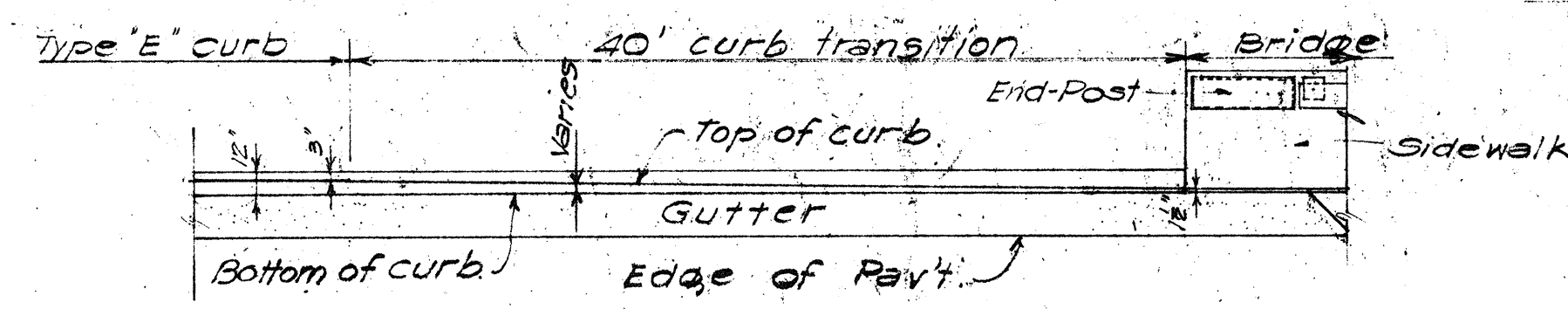
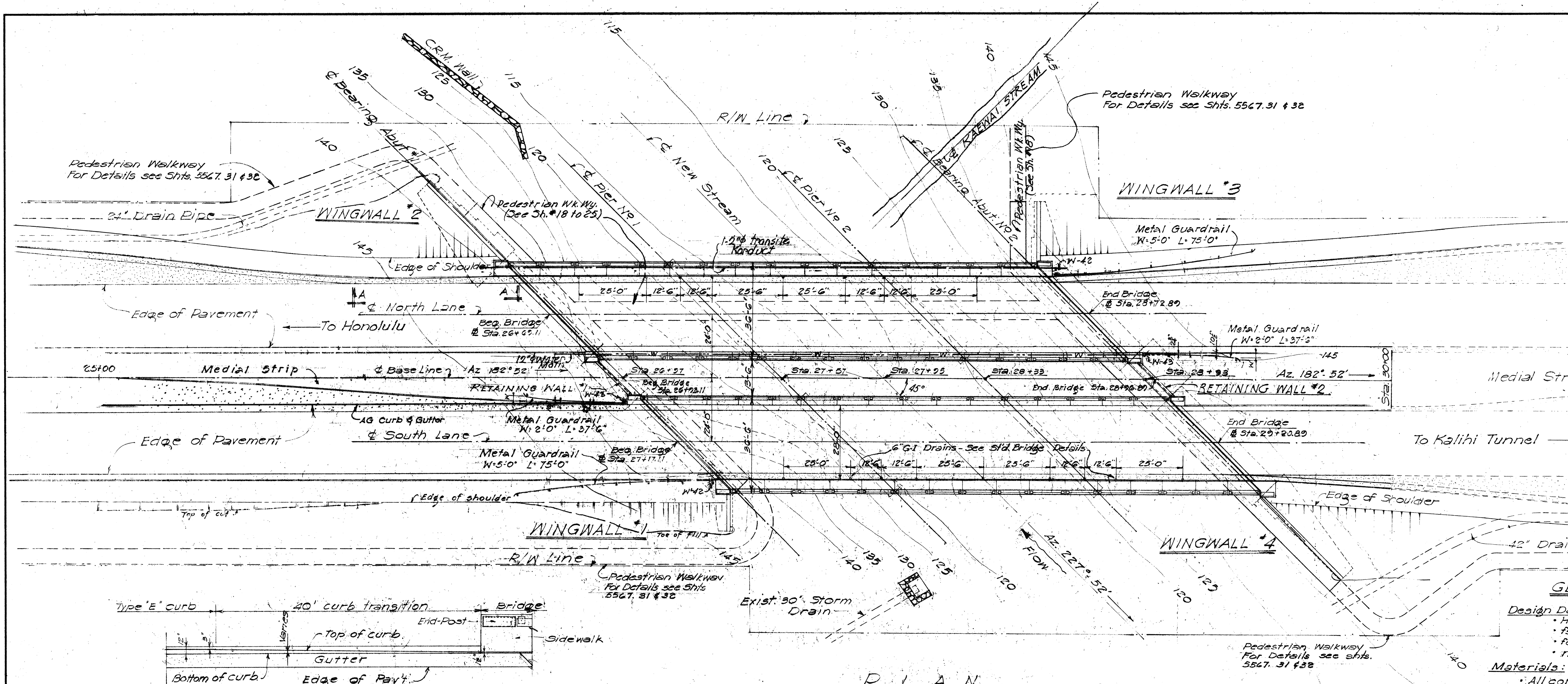
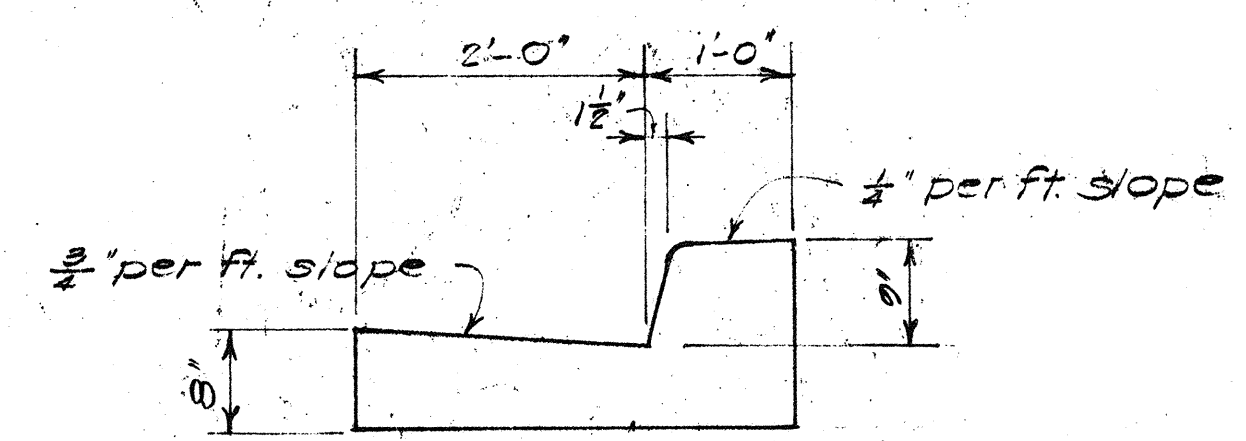


ABBREVIATIONS AND SYMBOLS

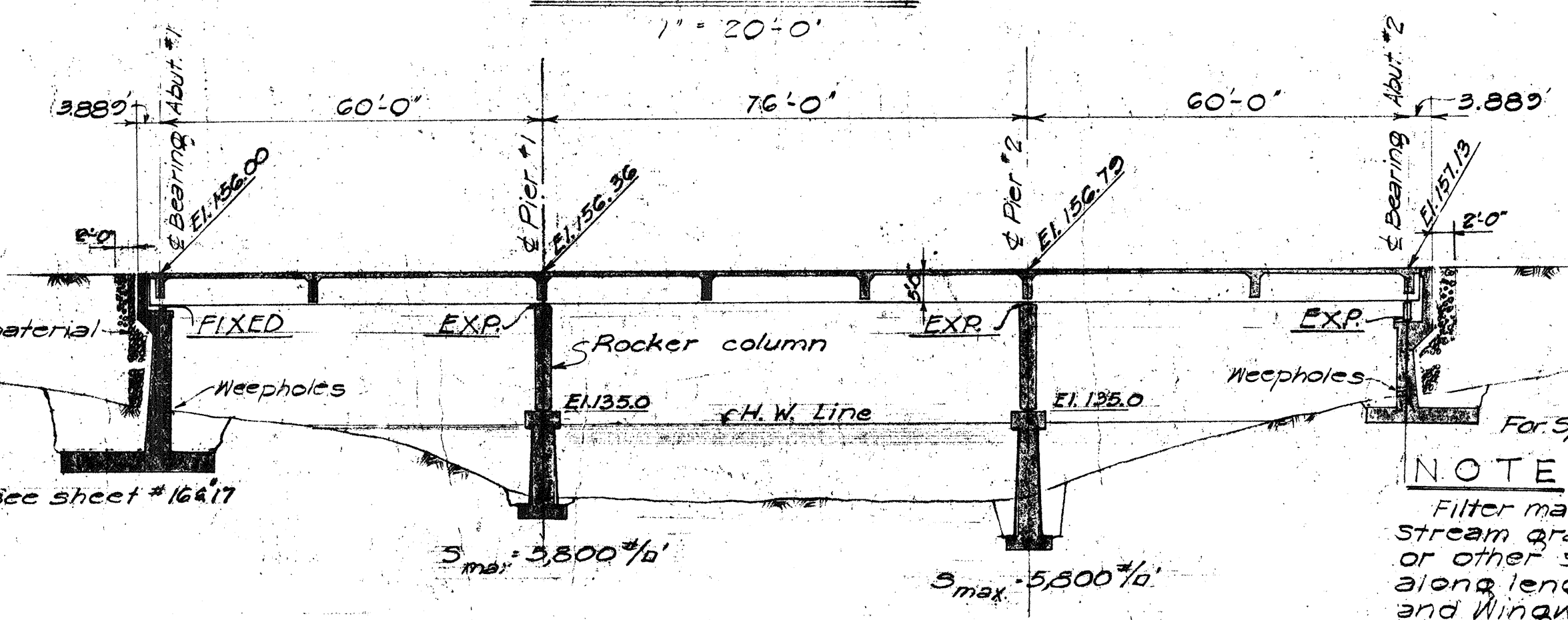
N.F.	Near Face
F.F.	Far Face
E.F.	Each Face
cont.	Continuous
vert.	Vertical
horiz.	Horizontal
bot.	Bottom



CURB PLAN 5'-10'



CURB ELEVATION 'A-A'



LONGITUDINAL SECTION ALONG S SOUTH LANE

EXISTING KALIHI STREAM BRIDGE
For Information Only
Reduction Not To Scale

GENERAL NOTES

Design Data:
• H 20-3-16-44 Loading
• $f_s = 20,000 \text{ psi}$
• $f_c = 1200 \text{ psi}$
• $n = 10$

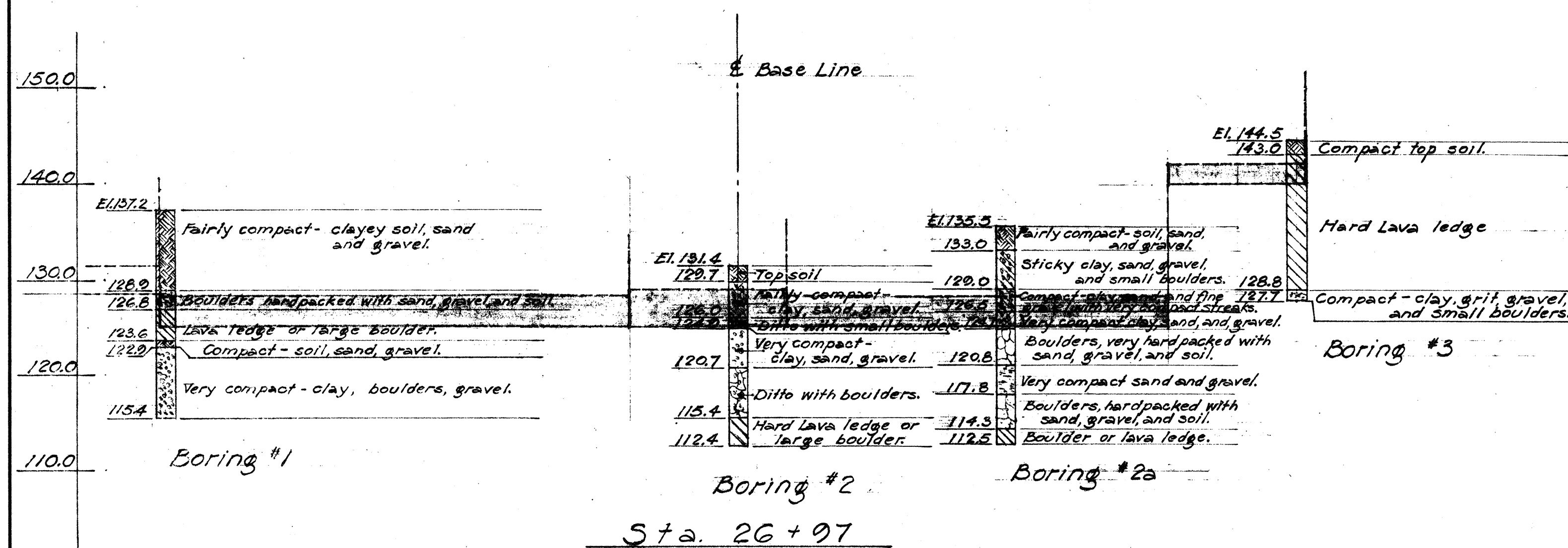
- Materials:**
• All concrete Class A-1.
- Construction Methods:**
• All footings shall be excavated and poured to neat lines.
• All backfill behind abutments shall be complete in place before pouring concrete for the superstructure or the solid railing supported on retaining walls in the median strip area.
• Sidewalks shall be poured after release of falsework.
- Treated Timber:**
Attention is called to Sec 423(E) of the Std. Specifications for Road and Bridge Construction

Note:
For estimated quantities see sheet #10.
See Sheet #21 for continuation of General Notes.

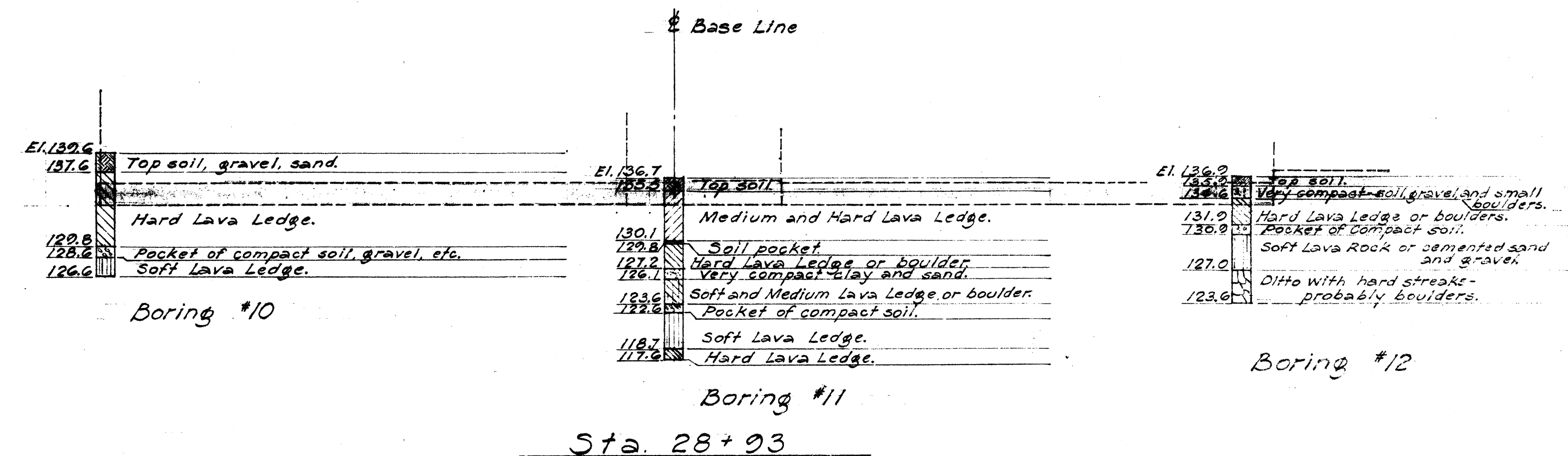
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KALIHI STREAM BRIDGE
Base Line Sta. 26+93.11 to Sta. 29+96.82
KALIHI VALLEY ROAD PROJ. JUS-5-26-52
AUG., 1952
SHEET No. EBI OF EBS SHEETS

APPROVED BY BUREAU OF PUBLIC ROADS
Notification by letter dated Oct. 21, 1952.

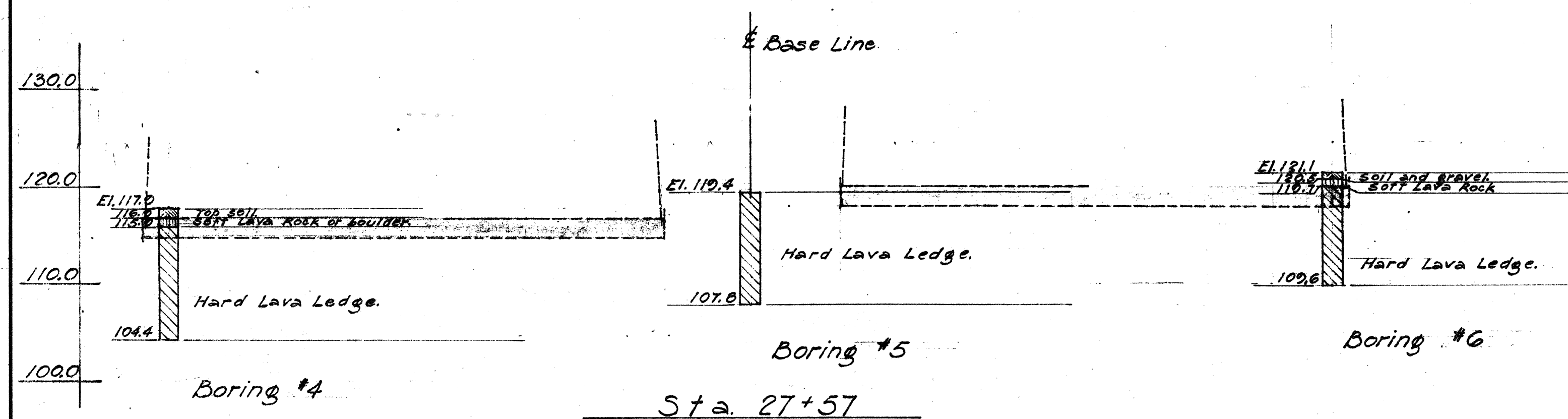
DESIGNED BY	DATE
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



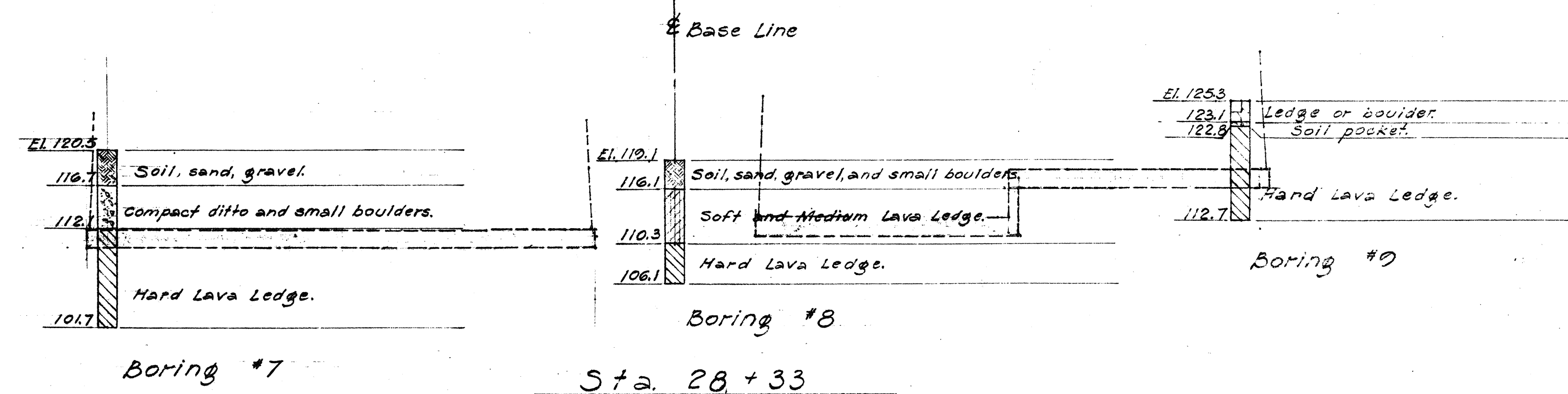
BORING DATA AND OUTLINE - ABUTMENT #1 FOOTING



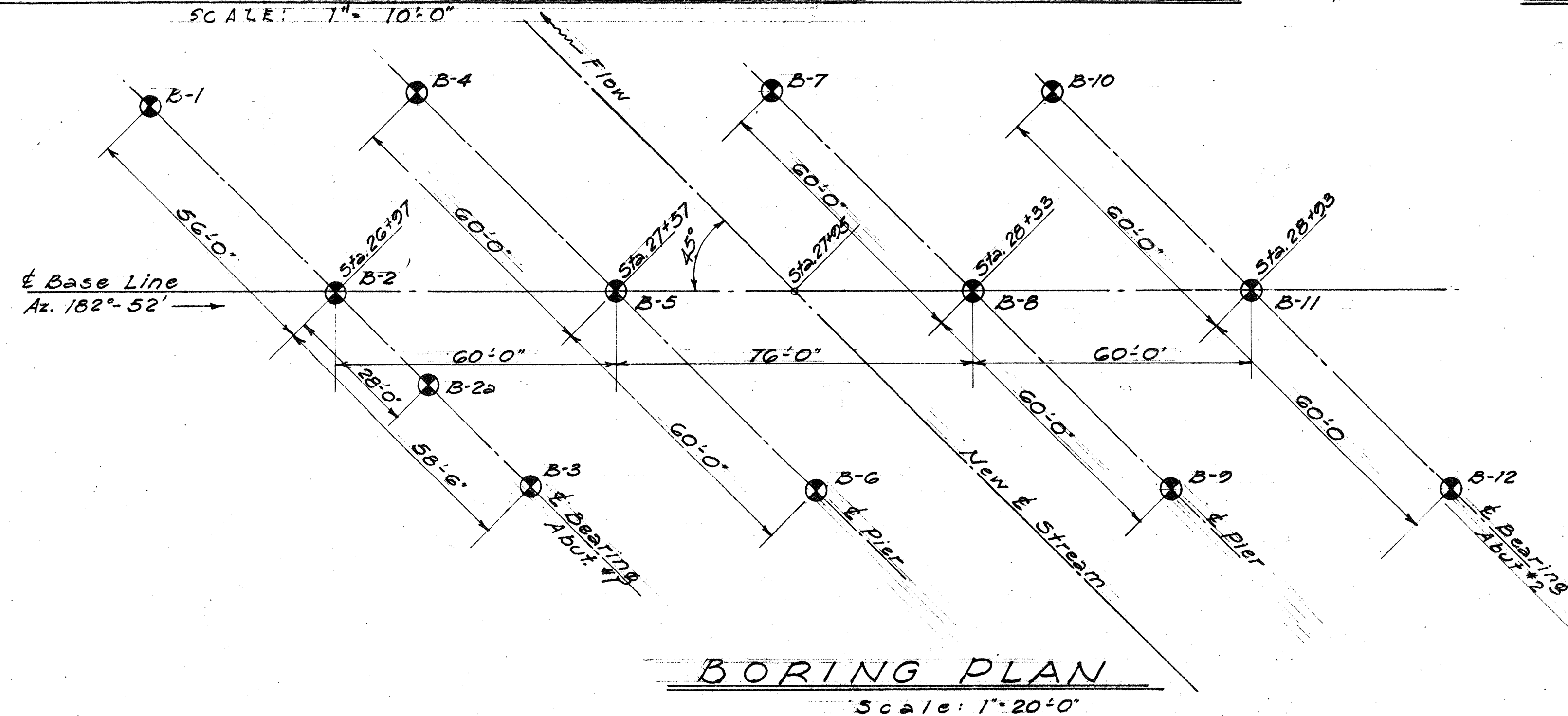
BORING DATA AND OUTLINE - ABUTMENT #2 FOOTING
SCALE: 1" = 10' 0"



BORING DATA AND OUTLINE - PIER #1 FOOTING

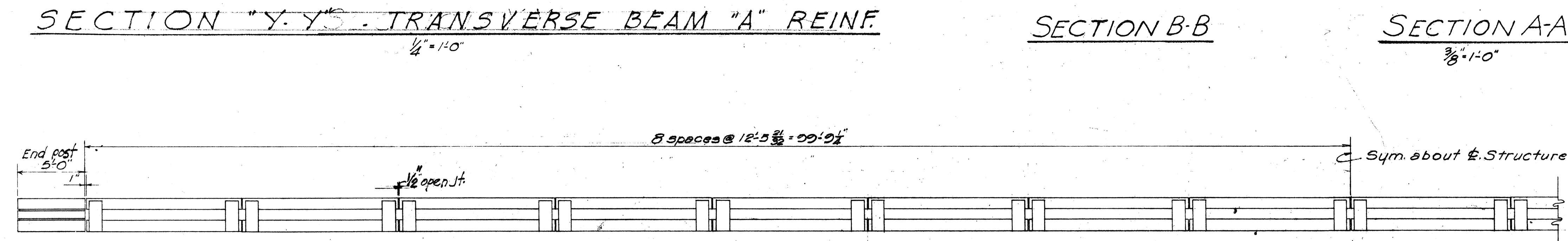
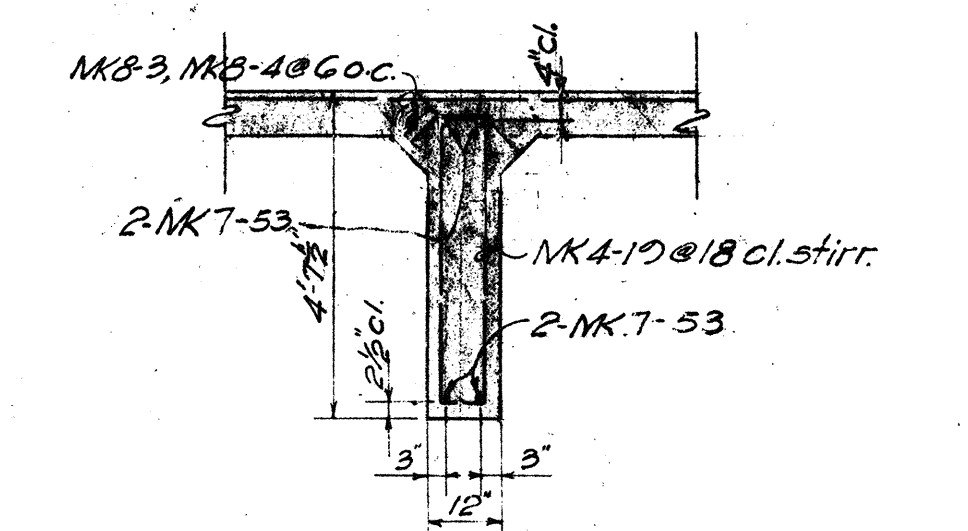
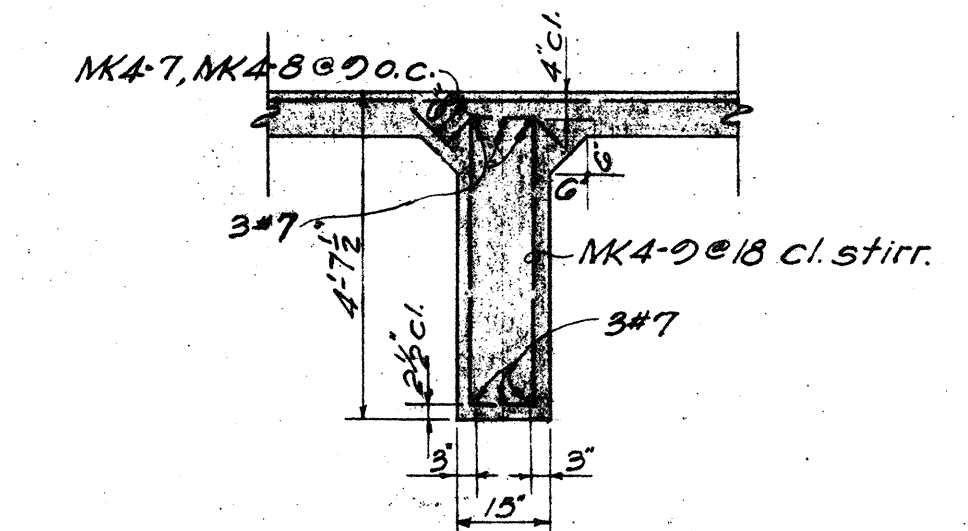
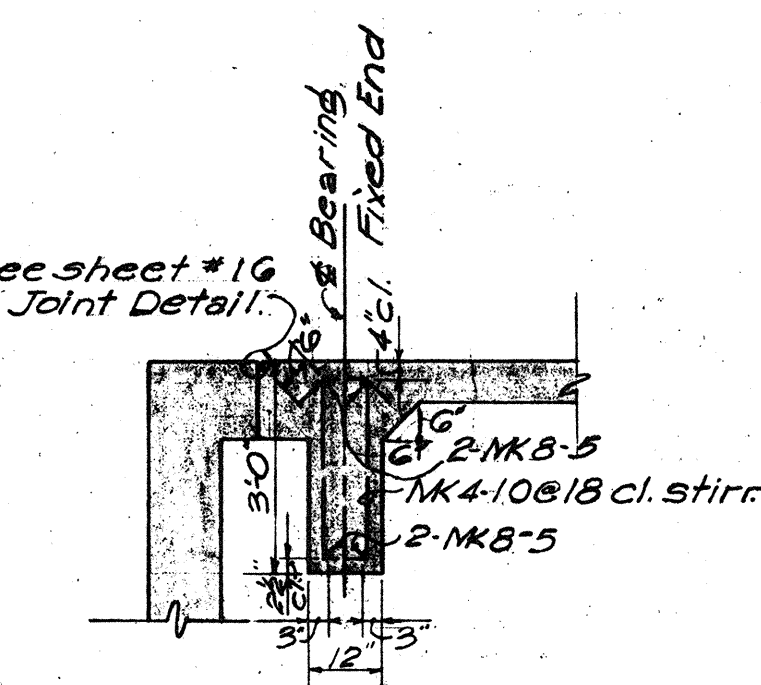
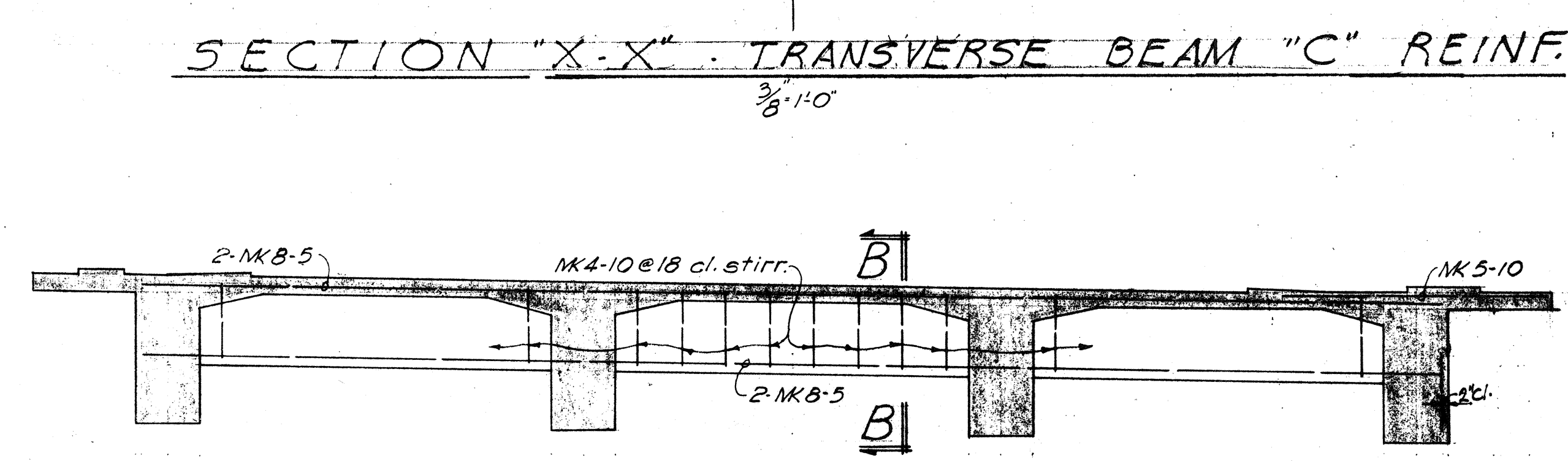
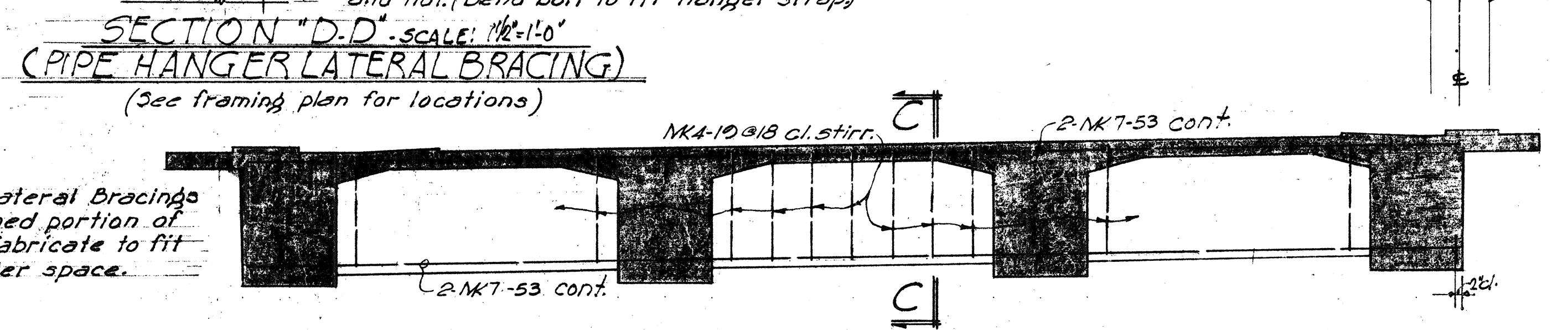
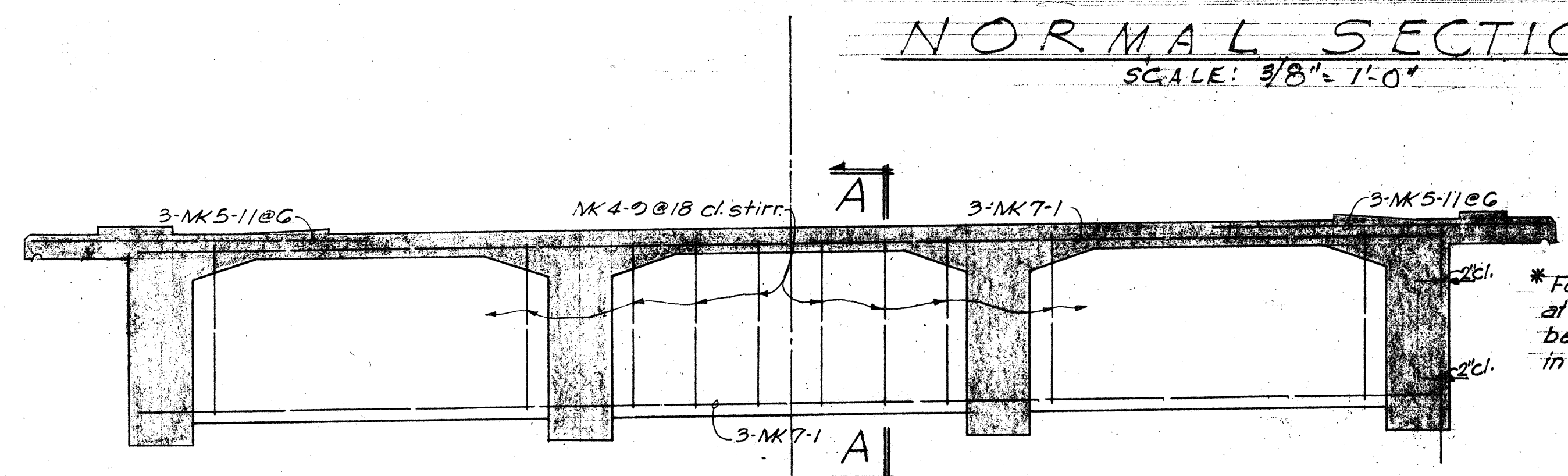
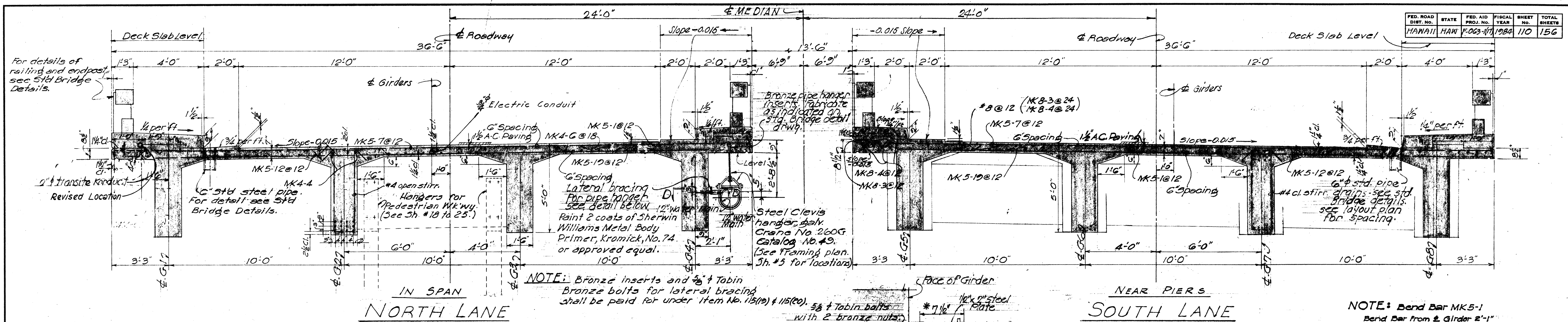


BORING DATA AND OUTLINE - PIER #2 FOOTING



EXISTING KALIHI STREAM BRIDGE
For Information Only
Reduction Not To Scale

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KALIHI STREAM BRIDGE
Base Line Sta 207+23.4 to Sta 208+79.00
KALIHI VALLEY RD. PROJ. USF-4635(1)
AUG. 1952



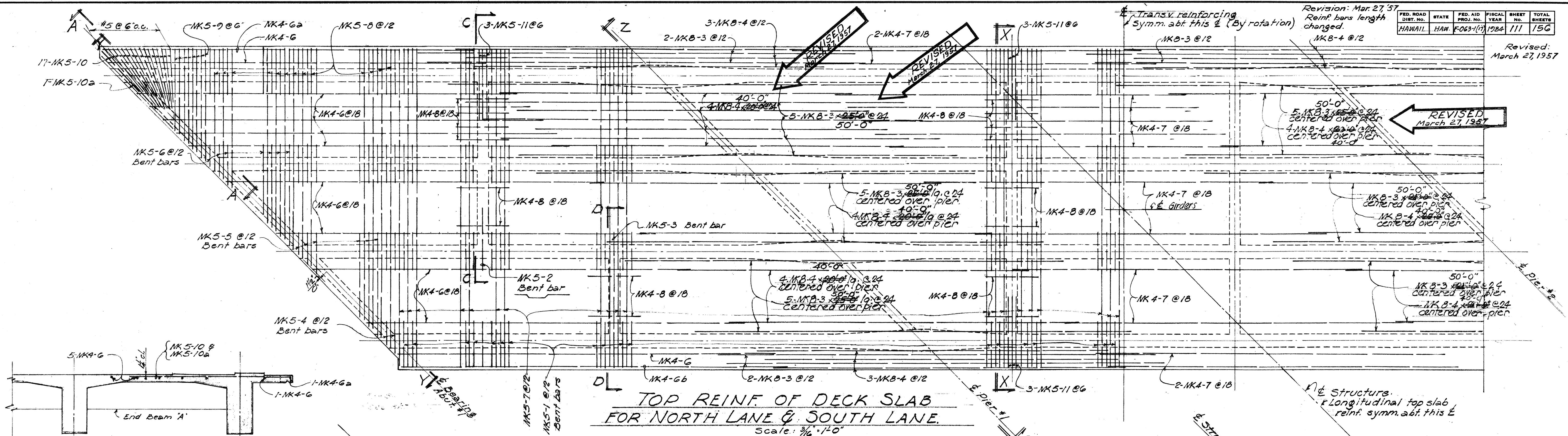
EXISTING KALIHI STREAM BRIDGE
For information Only
Reduction Not To Scale

NOTE: For sections X-X, Y-Y and Z-Z see sheet # 4
For railing and endpost see Std Bridge Detail.

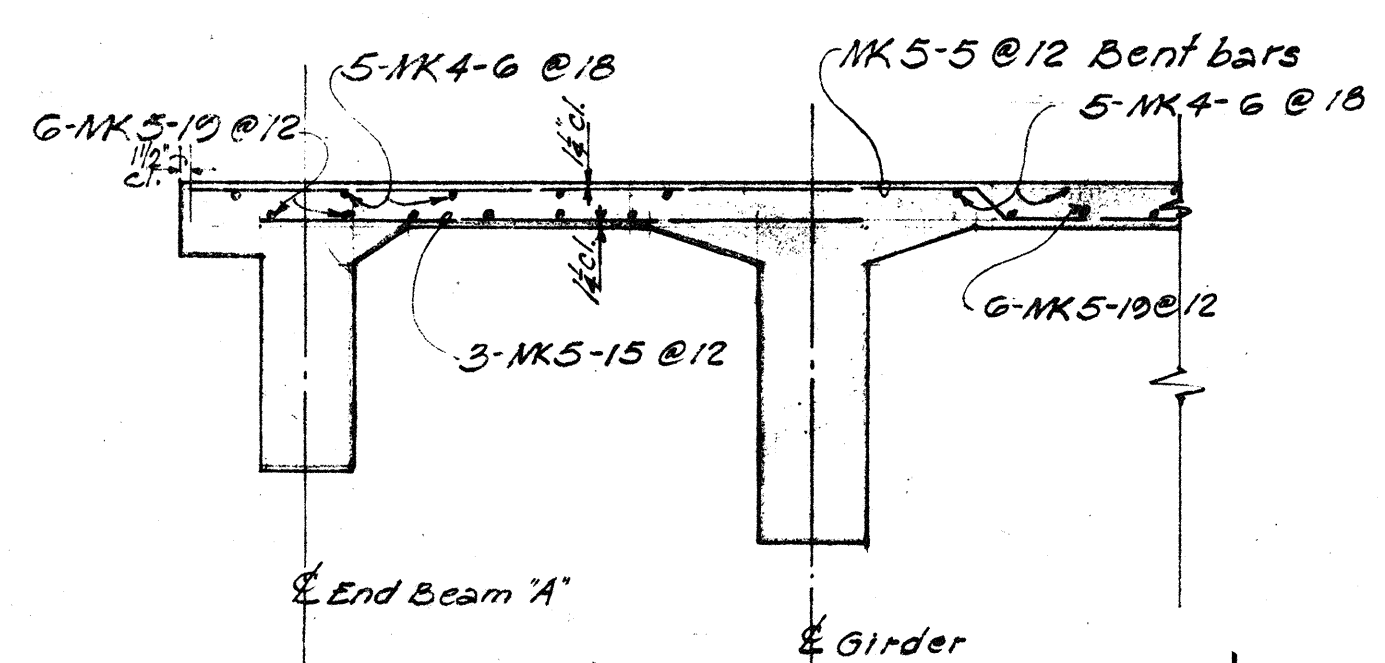
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KALIHI STREAM BRIDGE
Base Line Sta. 26+98.4 to Sta. 28+29.82
KALIHI VALLEY ROAD, PROJ. U.S. 5033011
Aug., 1952
SHEET No. E83 OF E85 SHEETS

DATE: Aug. 52
DESIGNED BY: B. H. H. H.
CHECKED BY: B. H. H. H.
ORIGINAL PLAN
NOTE BOOK
No.

Revised: March 27, 1957

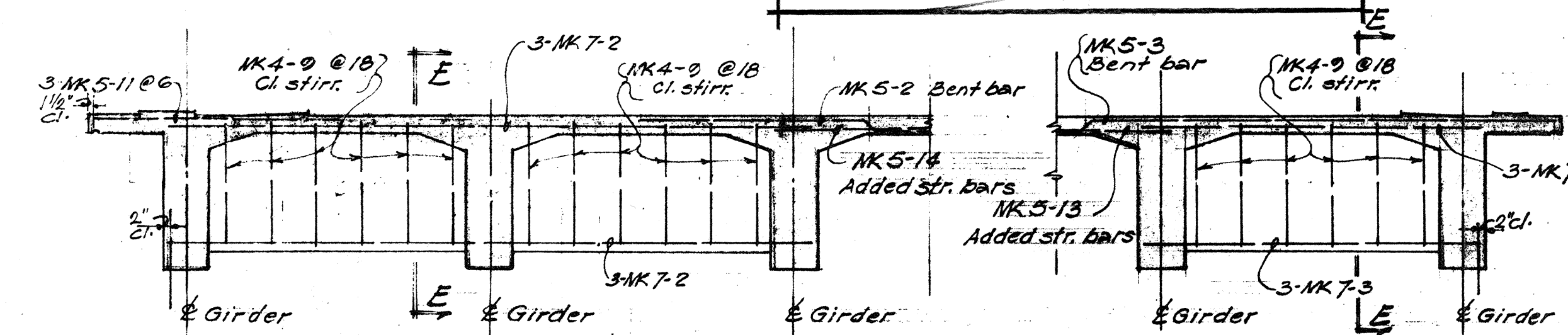


SECTION A-A
1/4" = 1'-0"



SECTION B-B
1/4" = 1'-0"

EXISTING KALIHI STREAM
BRIDGE
For Information Only
Reduction Not To Scale



SECTION C-C
1/4" = 1'-0"

SECTION D-D
1/4" = 1'-0"

SECTION E-E
1/4" = 1'-0"

BOT. REINF. OF DECK SLAB
FOR NORTH LANE & SOUTH LANE
Scale: 3/8" = 1'-0"

REFERENCE NOTE:
For details of sections "X-X", "Y-Y", "Z-Z"
see sheet 112

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KALIHI STREAM BRIDGE
Base Line Sta. 26+93.41 to Sta. 28+20.82
KALIHI VALLEY RD. (PROJ. 195 0630(1))
AUG., 1952
SHEET NO. 111 OF 156 SHEETS

DATE: Aug. 52
DESIGNED BY: J. H. G. S. S.
CHECKED BY: J. H. G. S. S.
QUANTITIES BY: J. H. G. S. S.
NOTED BY: J. H. G. S. S.
ORIGINAL PLAN NO. 111

ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	DESIGNED BY <i>E. E. B. 10/15/45</i>	" <i>Aug 42</i>
	DRAWN BY <i>E. E. B. 10/15/45</i>	"
	TRACED BY	"
NOTE BOOK	QUANTITIES BY <i>M. W. 10/15/45</i>	"
No.	QUANTITIES CHECKED BY	"
	CHECKED BY <i>S. D. F. 1/1/46</i>	"