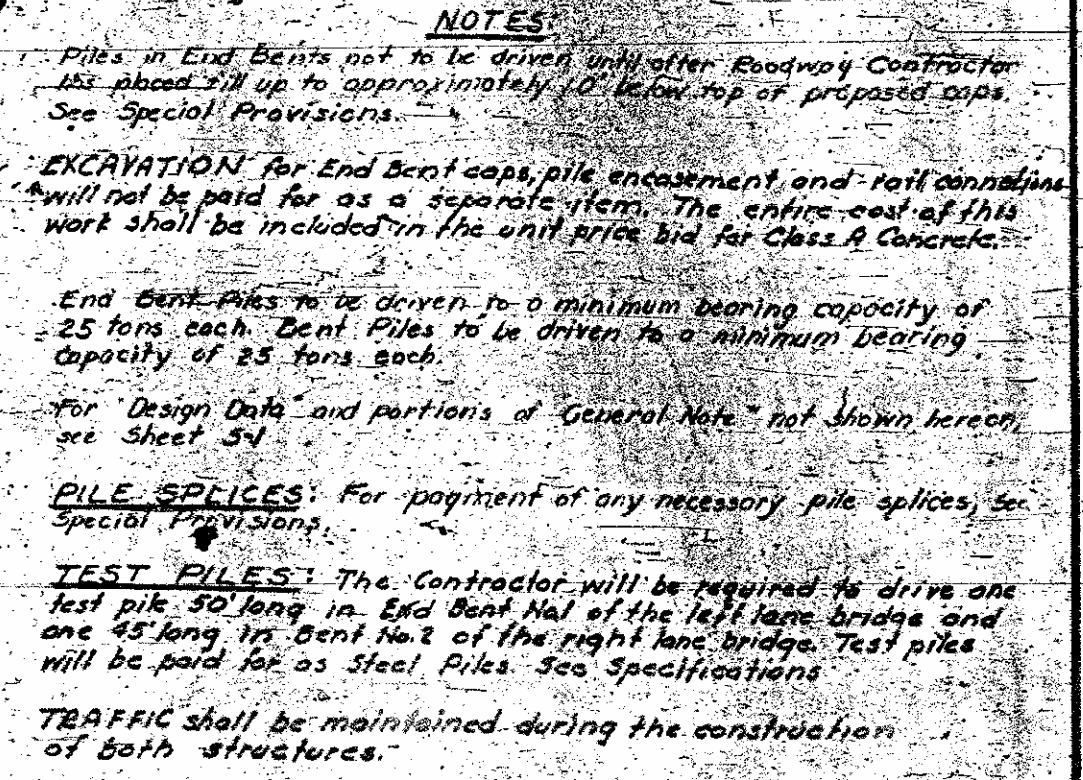
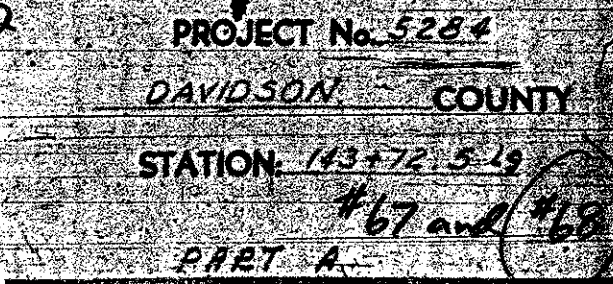
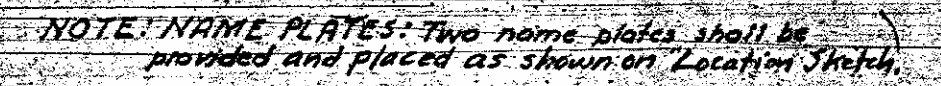




BILL OF MATERIAL - FOR BRIDGE ON EIGHT LANE 467							
	Class A Concrete Cu Yds.	Reinf. Steel Lbs.	Structural Steel (Approx Lbs)	Method A Welding Sq. Yds.	12" x 25" Steel Piles No Lp. Ft.	Loading Feet	And Gutell
Superstructure	103.8	23080	69,600	20		21600	
1-Raft Connection	2.0	376					
End Bent No 1	11.5	2311			7	31500	500
Bent No 1	22.6	1766			8	32500	550
Bent No 2	22.6	1766			8	32500	550
End-Bent No 2	11.5	2311			7	31500	500
2-Approach Curbs	1.9	50				1000	
TOTALS	180.9	31660	69,600	20	30	1275	1550



STATE OF NORTH CAROLINA
STATE HIGHWAY AND
PUBLIC WORKS COMMISSION
BALDWIN

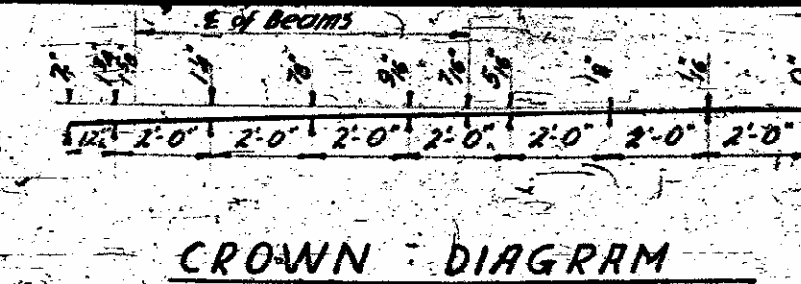
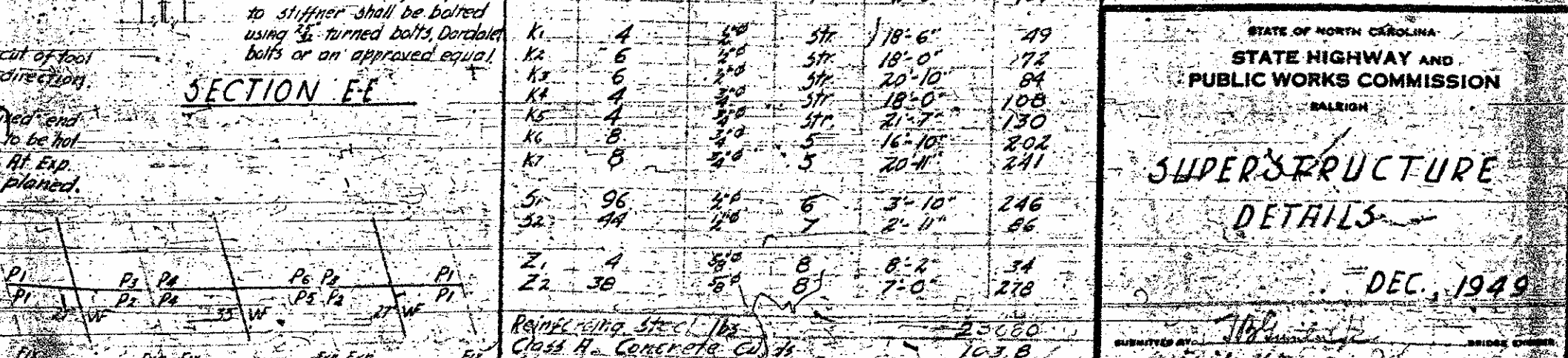
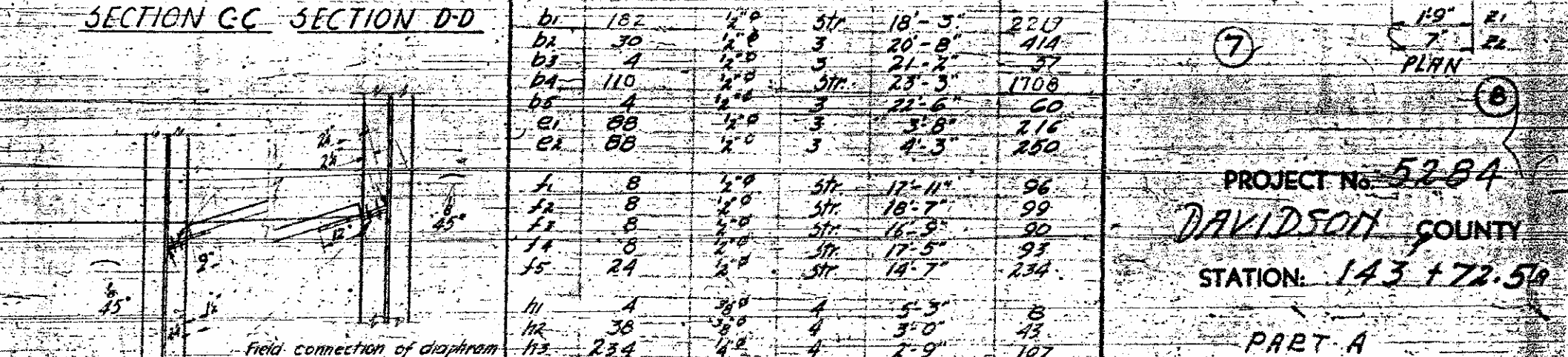
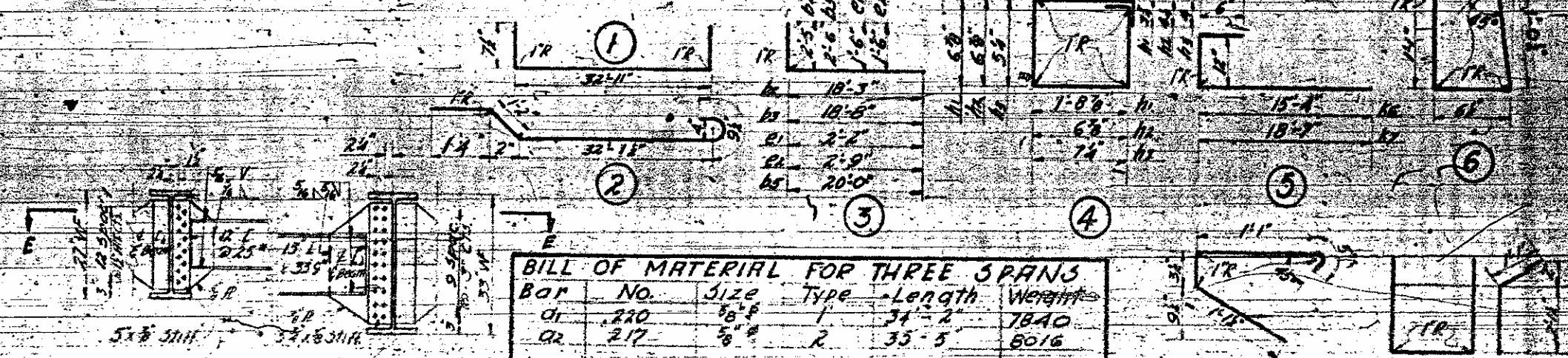
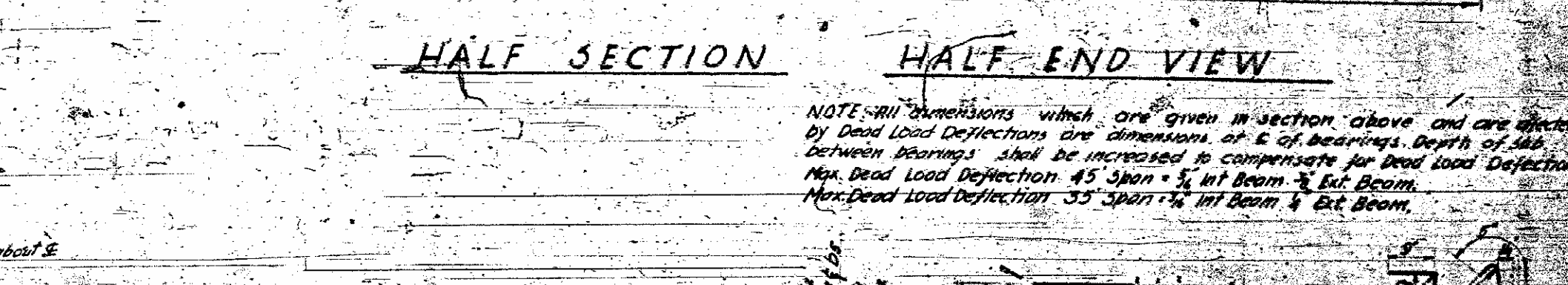
GENERAL DRAWING
BRIDGES OVER PRESENT U.S. 6
BETWEEN SALISBURY
AND THOMASVILLE
DECEMBER 1949

SUBMITTED BY *J. B. [Signature]* PRICE
William J.
APPROVED BY *[Signature]* DATE *4-2-50*
ENGINEERING DIVISION

SPECIAL	DESIGNED BY _____	DATE _____
	DRAWN BY <i>H. J. Hunt</i>	DATE <i>Dec. 1949</i>
	TRACED BY _____	DATE _____
	CHECKED BY <i>H. W. Sheldon</i>	DATE <i>Dec. 1949</i>

B.M. - Nail in Base of oak 250' Lt. 142+65 - E1-726.BP

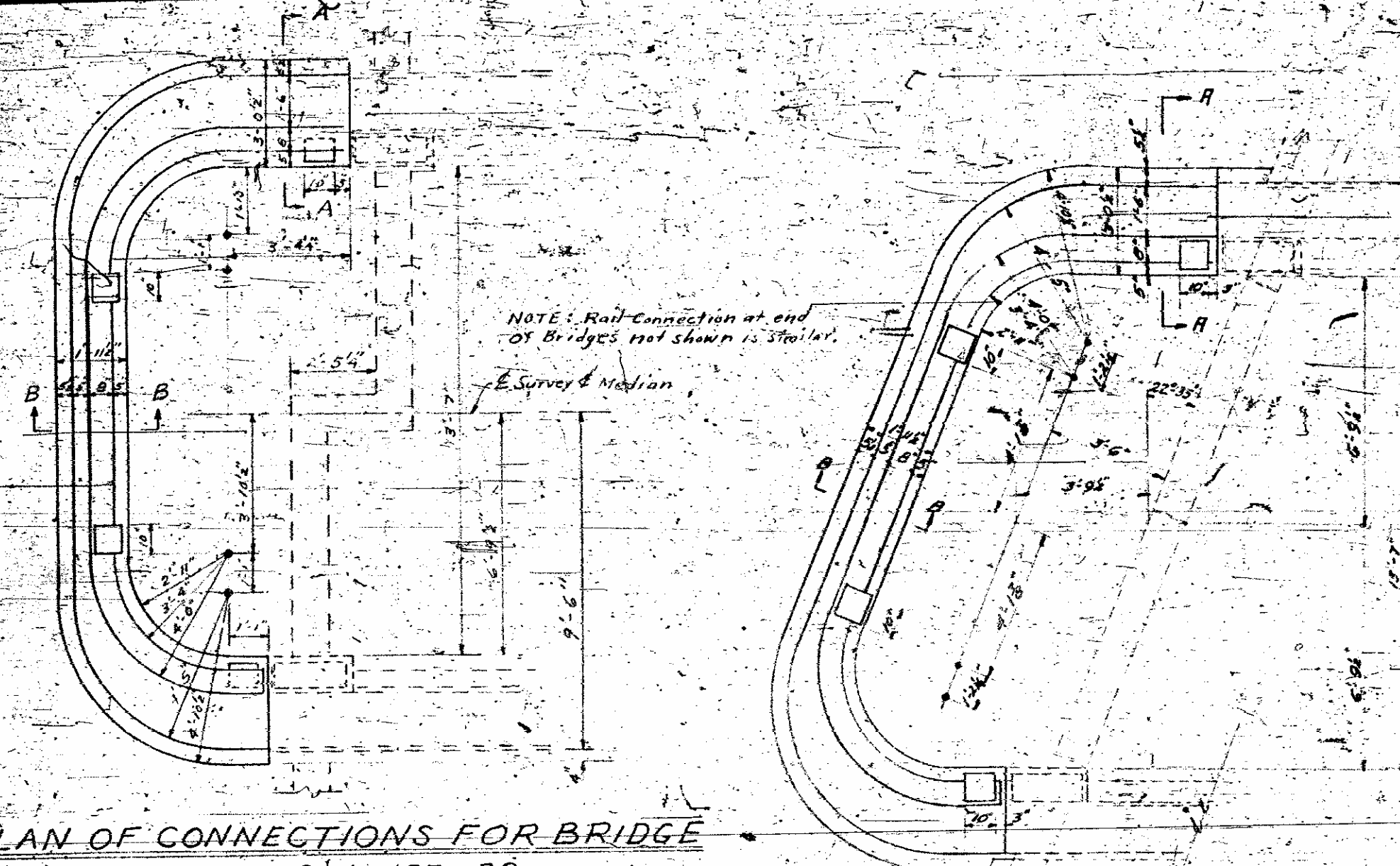
FED. ROAD DIST. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
4	N.C.	5284	5-2	71
F.A. Proj. R.I.-543 (2)				

[illegible]

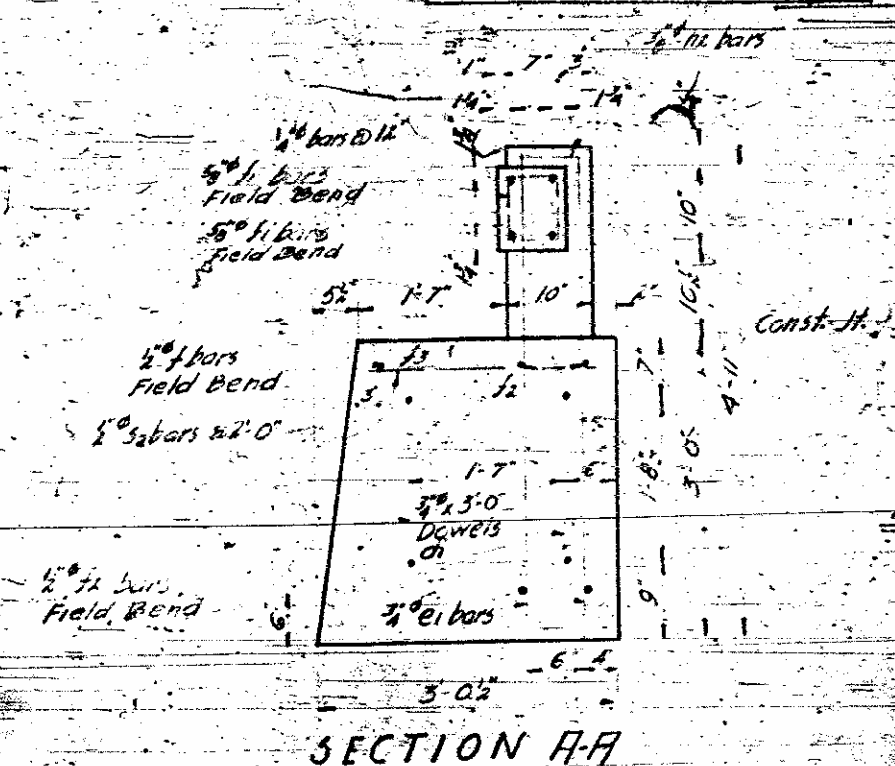
BILL OF MATERIAL FOR ONE CONNECTION
STA. 137+32
(2 REQUIRED)

Bar	No.	Size	Length	Weight
d1	8	3/8"	3'-0"	36
e1	16	3/8"	4'-5"	106
f1	8	3/8"	13'-0"	108
f2	8	3/8"	13'-0"	69
f3	2	1/2"	14'-9"	20
h3	24	3/8"	2'-9"	11
h2	4	3/8"	3'-0"	5
S1	7	3/8"	1'-3"	6
S2	7	3/8"	2'-3"	11

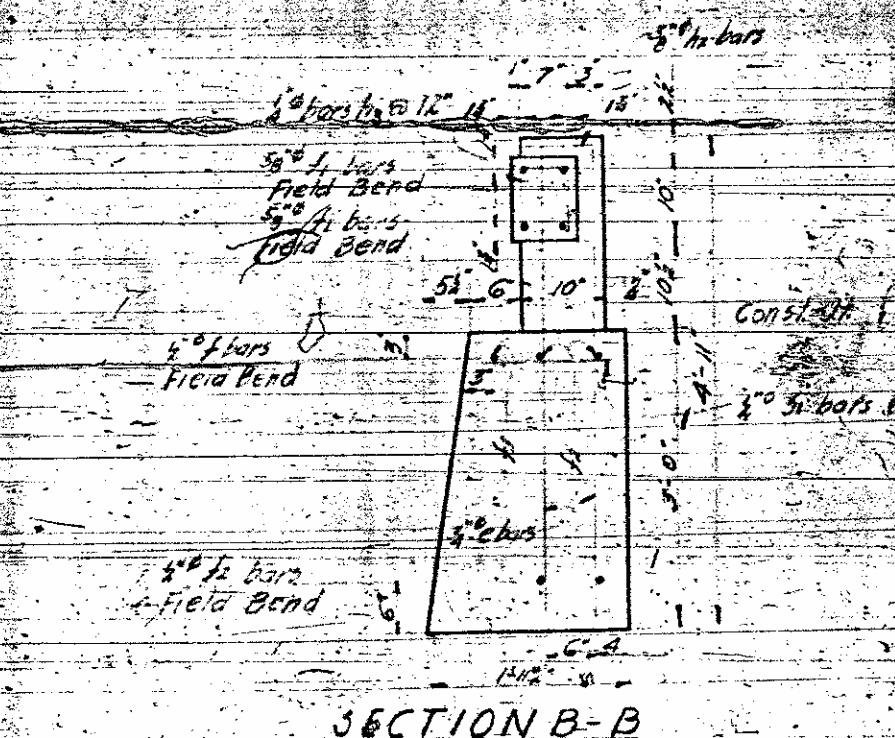
Reinf. Steel Lbs. 372
Class A Concrete Cu. Yds. 6.9



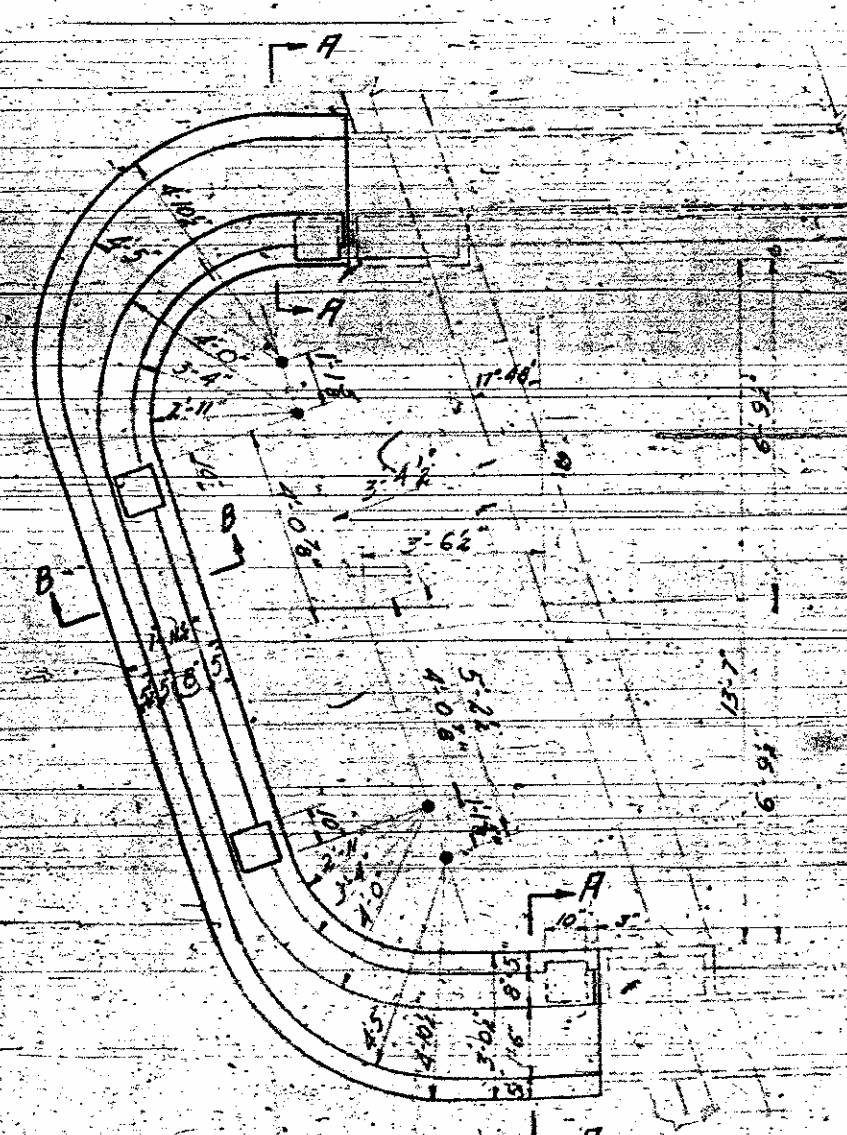
PLAN OF CONNECTIONS FOR BRIDGE AT STATION 137+32



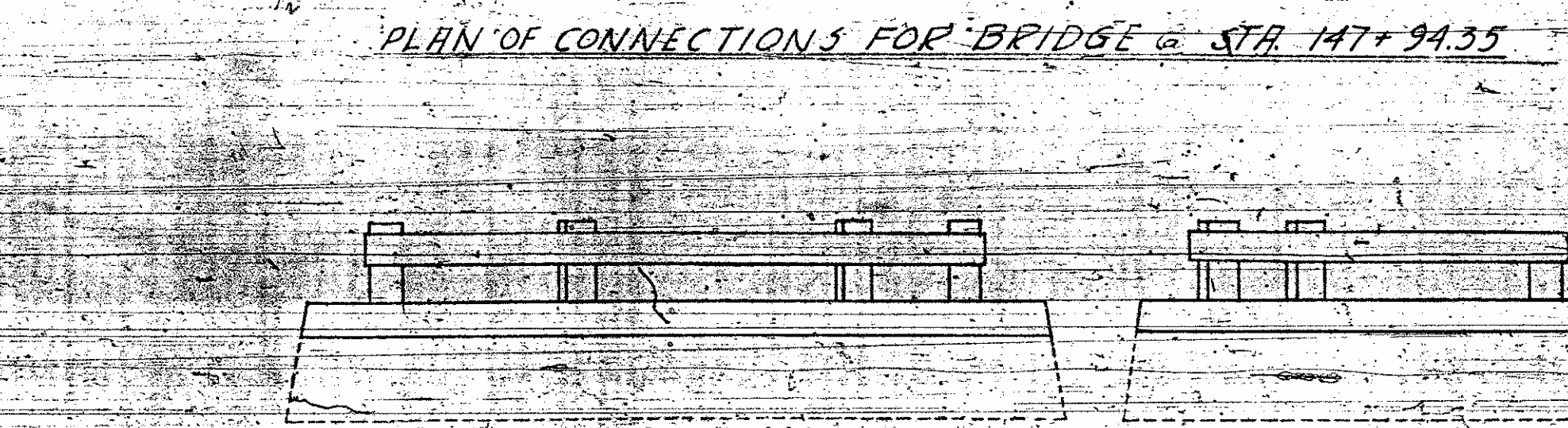
SECTION A-A



SECTION B-B



P.L.A.N OF CONNECTIONS FOR BRIDGE @ STA. 143+72.5



PLAN OF CONNECTIONS FOR BRIDGE @ STA. 147+94.35

END ELEVATION

SIDE ELEVATION

BILL OF MATERIAL FOR ONE CONNECTION
STA. 143+72.5
(2 REQUIRED)

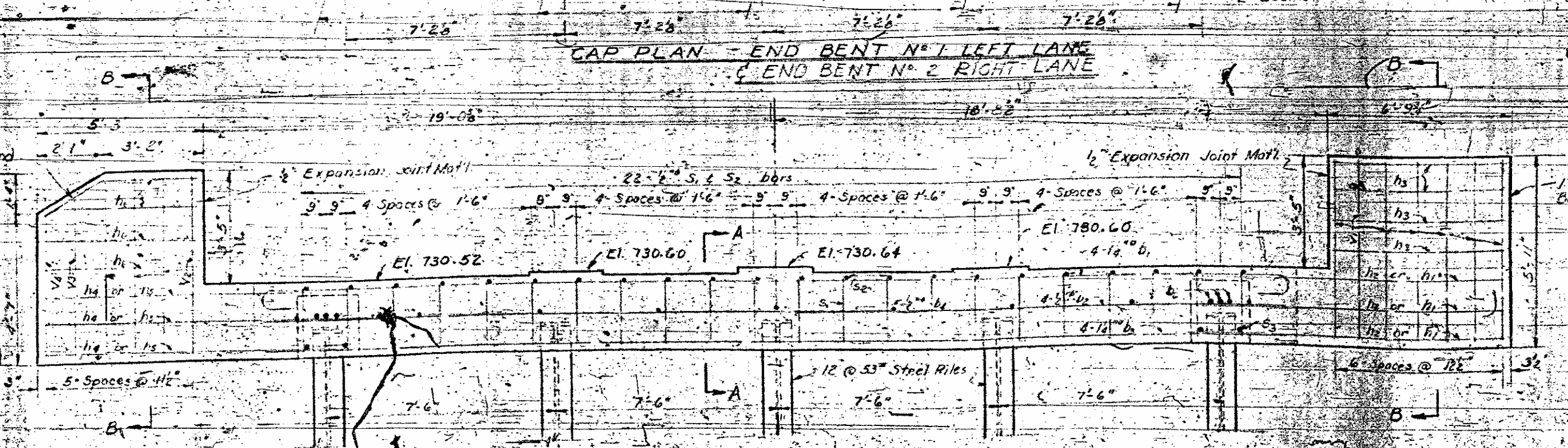
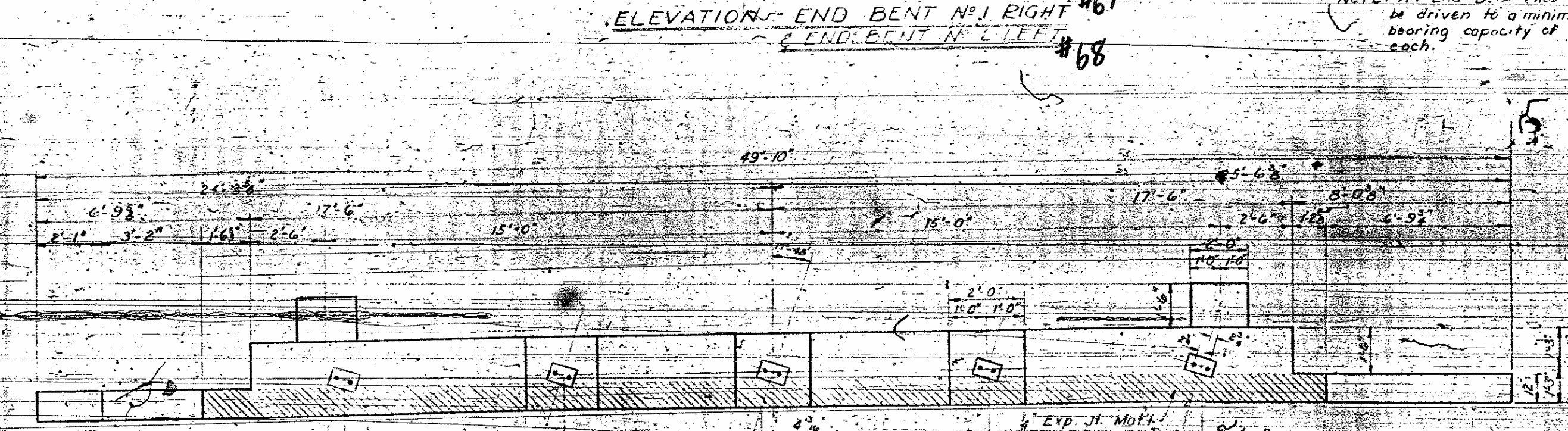
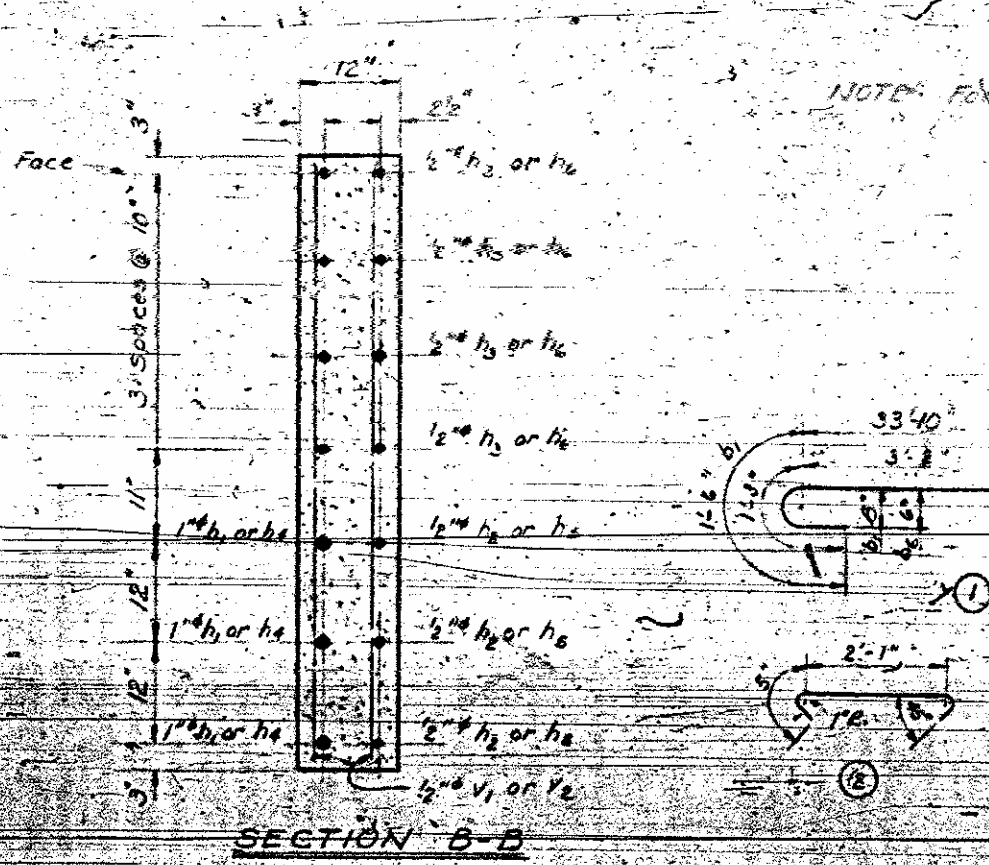
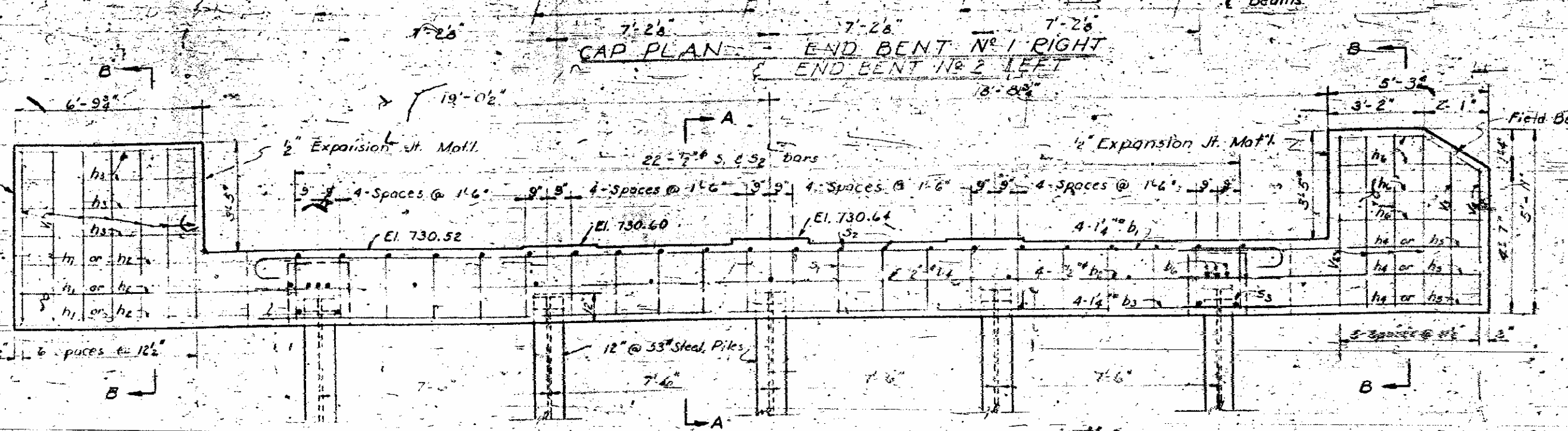
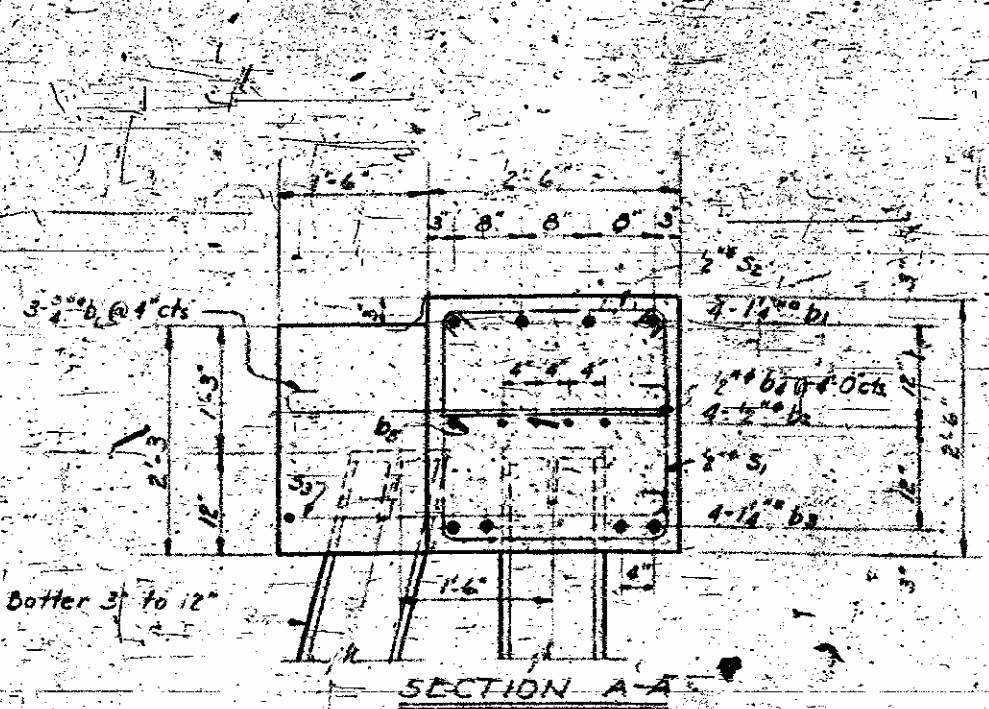
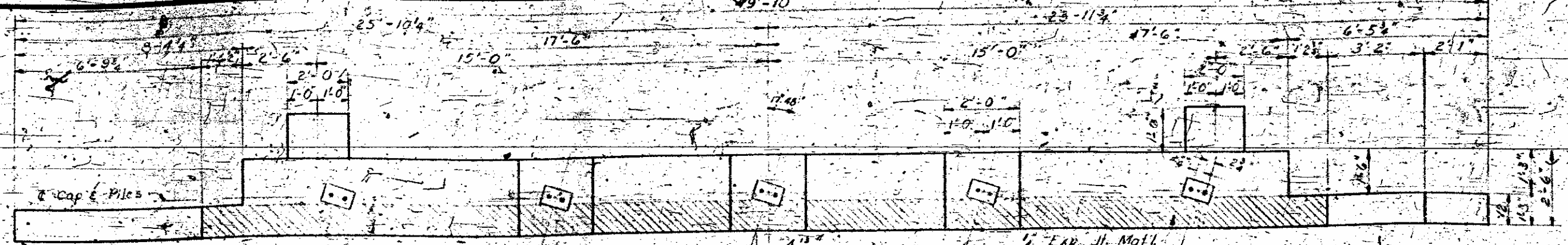
Bar	No.	Size	Length	Weight
d1	8	3/8"	3'-0"	36
e1	16	3/8"	4'-5"	106
f1	8	3/8"	13'-3"	110
f2	8	3/8"	13'-3"	71
f3	2	1/2"	14'-9"	20
h3	24	3/8"	2'-9"	11
h2	4	3/8"	3'-0"	5
S1	7	3/8"	1'-3"	6
S2	7	3/8"	2'-3"	11

Reinforcing Steel Lbs. 376
Class A Concrete Cu. Yds. 7.0

PROJECT No. 5284
DAVIDSON COUNTY
STATION 143+72.5 - PETA
147+94.35 - PETA
137+32 - PETA

STATE OF NORTH CAROLINA
STATE HIGHWAY AND
PUBLIC WORKS COMMISSION
SALISBURY

DETAILS OF
RAIL CONNECTIONS
AT END OF BRIDGE
DEC. 1949



BILL OF MATERIAL

FOR ONE END BENT

Bar No.	Size	Type	Length	Weight
b ₁	1 1/2"	1	36'-10"	783
b ₂	1 1/2"	Str.	34'-6"	92
b ₃	1 1/2"	Str.	34'-6"	733
b ₄	1 1/2"	Str.	34'-6"	19
b ₅	1 1/2"	Str.	34'-6"	92
b ₆	1 1/2"	1	5'-8"	51
h ₁	3"	Str.	11'-5"	93
h ₂	3"	Str.	9'-10"	60
h ₃	3"	Str.	6'-6"	35
h ₄	3"	Str.	16'-6"	63
h ₅	3"	Str.	8'-7"	17
h ₆	3"	Str.	5'-0"	27
S ₁	22	3	72"	105
S ₂	22	2	44 1/2"	43
S ₃	22	4	10'-6"	31
V ₁	14	Str.	5'-6"	31
V ₂	8	Str.	5'-6"	29
V ₃	2	Str.	4'-10"	6
V ₄	2	Str.	4'-9"	6

Reinforcing Steel 23.1 Lbs.
 Class A Concrete 11.5 Cu Yds.
 7" 12" 53" Steel Piles

BAR TYPES:

PROJECT No. 5204
DAVIDSON COUNTY
STATION 143+72.549

PART A

STATE OF NORTH CAROLINA
STATE HIGHWAY AND
PUBLIC WORKS COMMISSION
RALEIGH

END BENT NO. 1 - RIGHT LANE
AND END BENT NO. 2 - LEFT LANE

END BENT NO. 1 - LEFT LANE
AND END BENT NO. 2 - RIGHT LANE

DECEMBER 1949

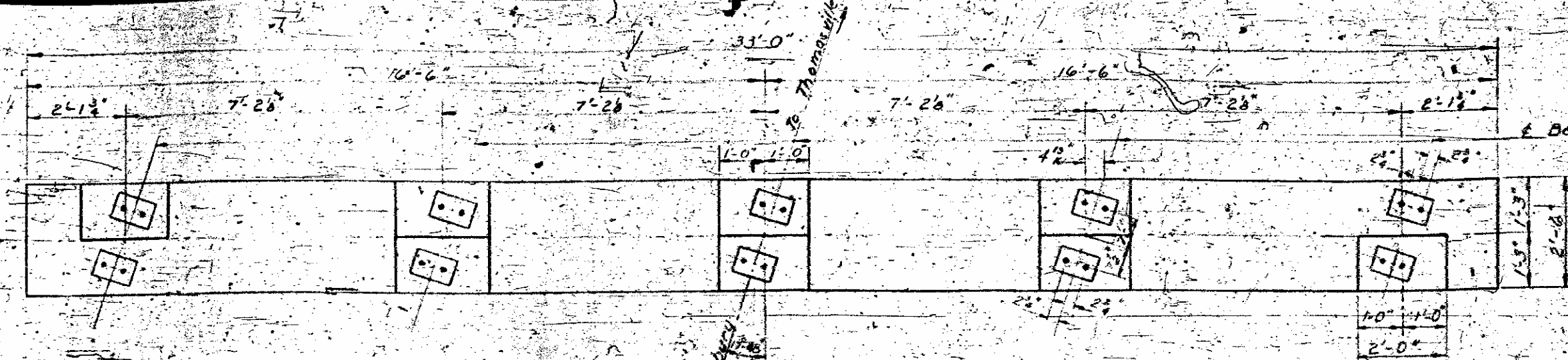
APPROVED BY: [Signature]
DATE: 1-1-50

BILL OF MATERIAL

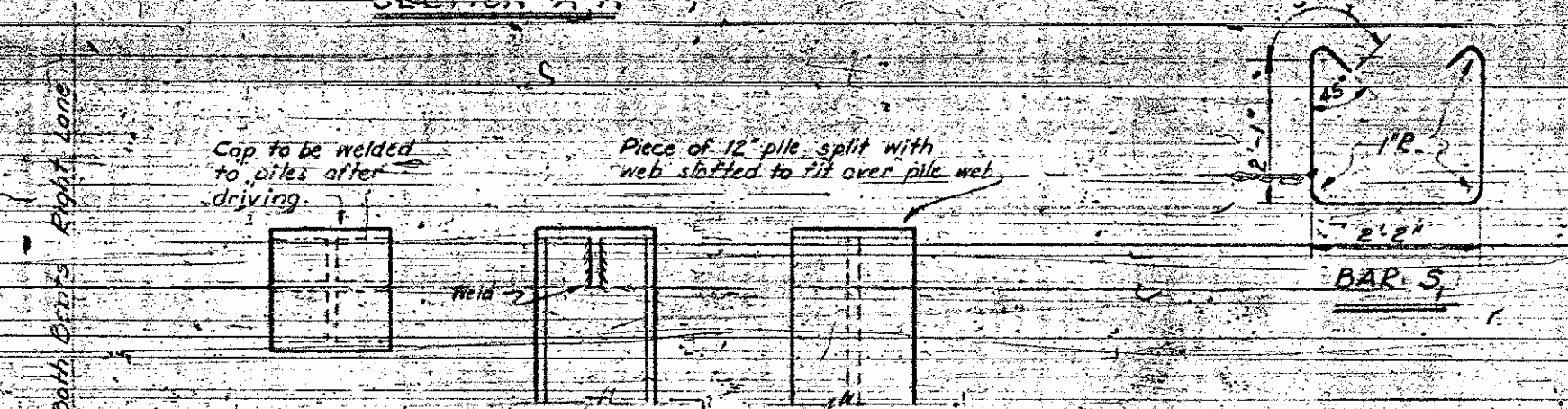
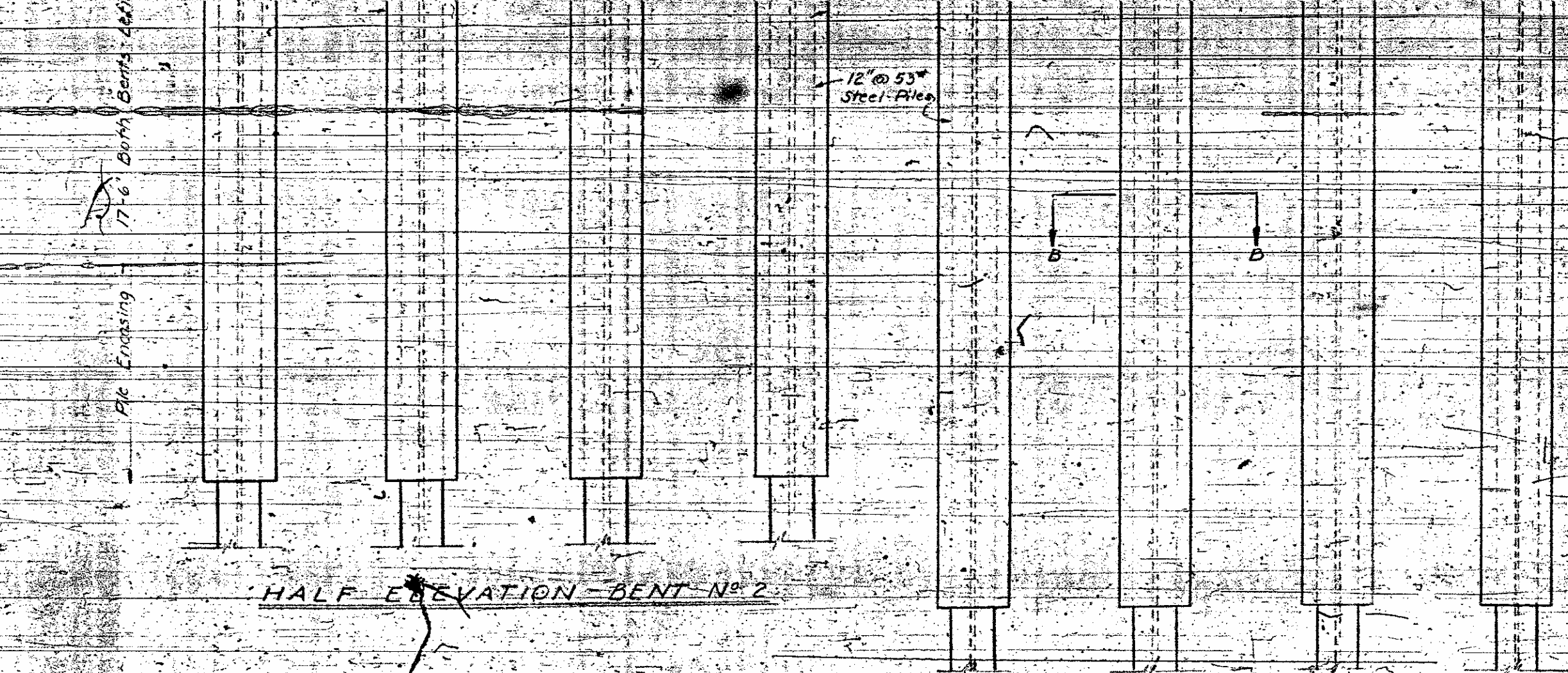
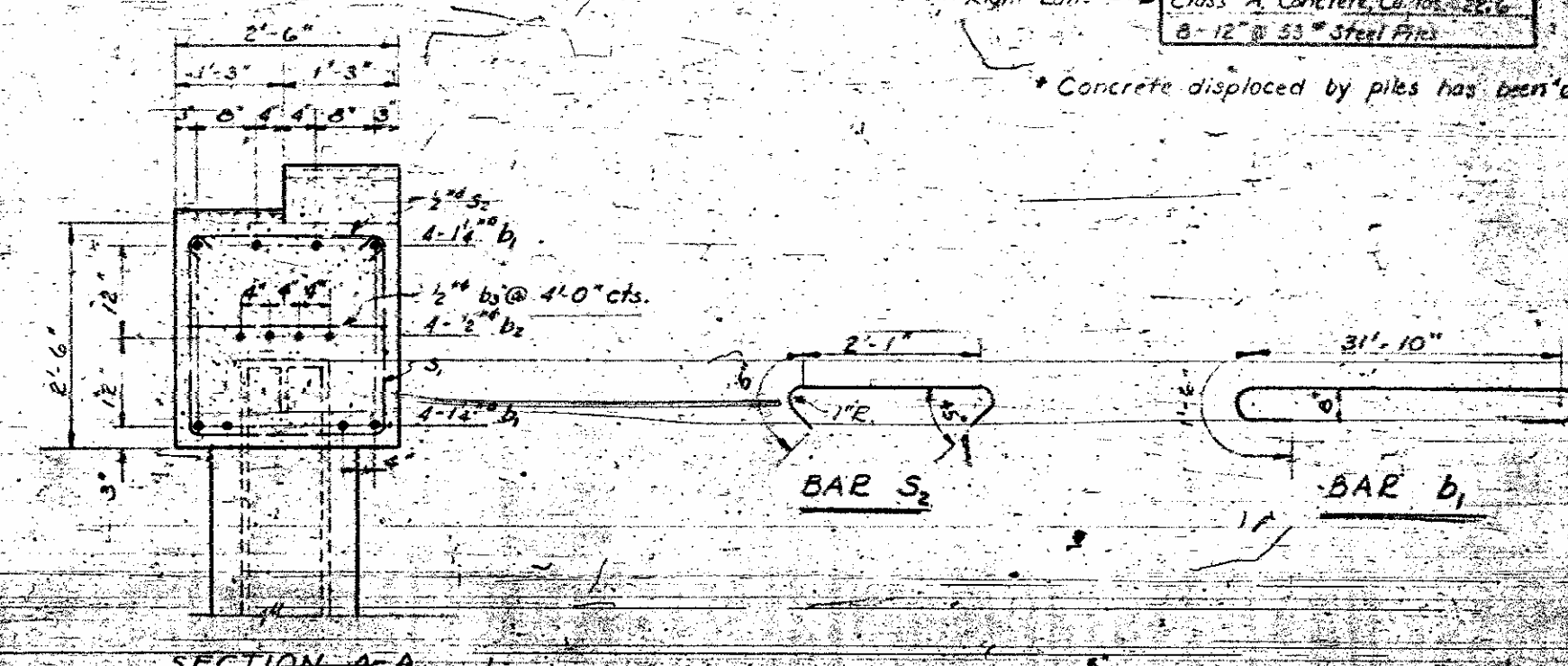
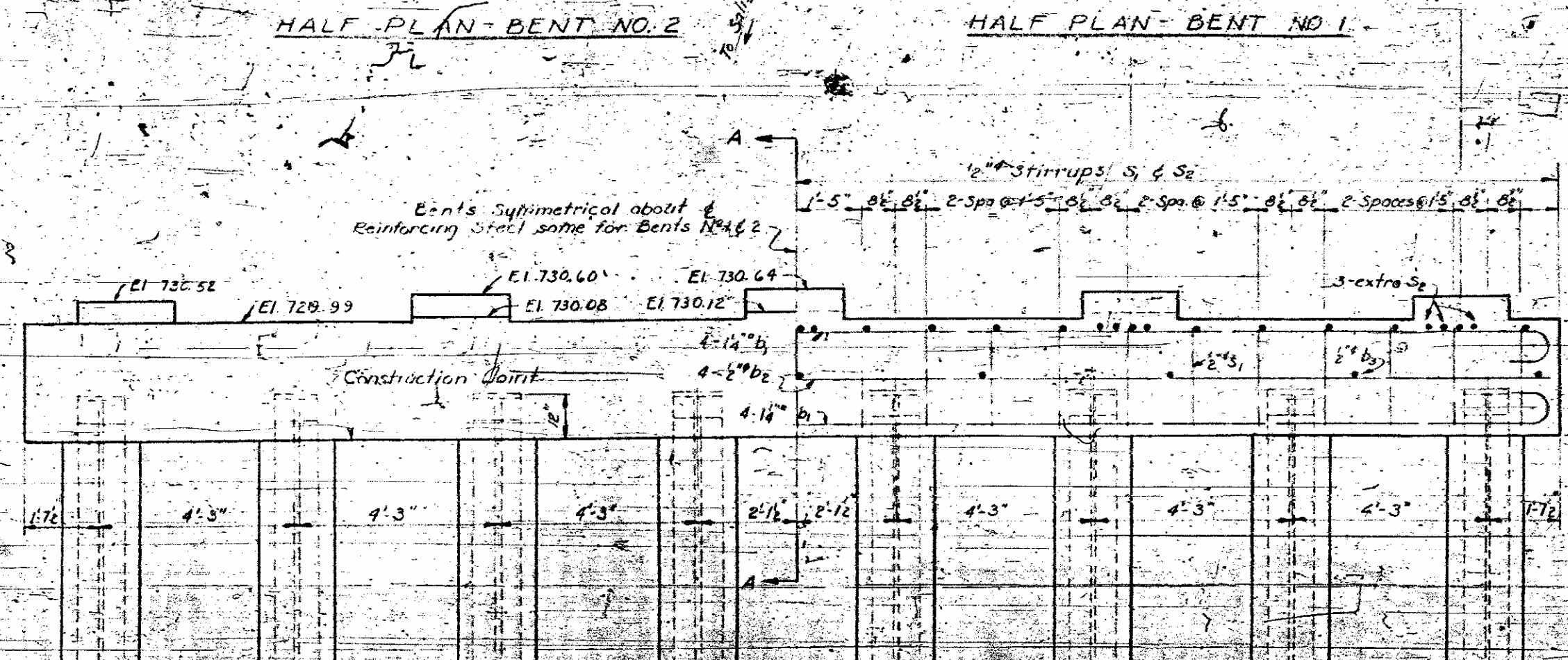
ONE BENT

Bar Size	Length	No.	Weight
b ₁	34'-10"	6	148.1
b ₂	32'-2"	4	8.7
b ₃	2'-3"	9	1.4
s ₁	7'-2"	23	11.0
s ₂	2'-11"	35	7.9

Reinforcing Steel Lbs. 176.6
 Class "A" Concrete, Cu. Yds. 21.5
 Class "A" Concrete, Cu. Yds. 22.6
 8-12" @ 53" Steel Piles



HALF PLAN - BENT NO. 1



PILE CAPS

Note: Cost of pile caps complete in place to be included in the unit price bid for 12" @ 53" steel piles. Pile caps may be obtained from pile cut-offs and each linear foot of pile cut-off not used for caps will be paid for as prescribed in the Special Provisions.

Note: Wire Mesh of Approved Type: 12 ga. with 4" x 8" openings or 15 ga. with 4" x 4" openings. No allowance will be made for wire mesh, the entire cost of same shall be included in the Unit Price Bid for several key items.

NOTE: Piles in Bents No. 1 & No. 2 to be driven to a minimum bearing capacity of 25 tons each.