

STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KANSAS		1950	1	11

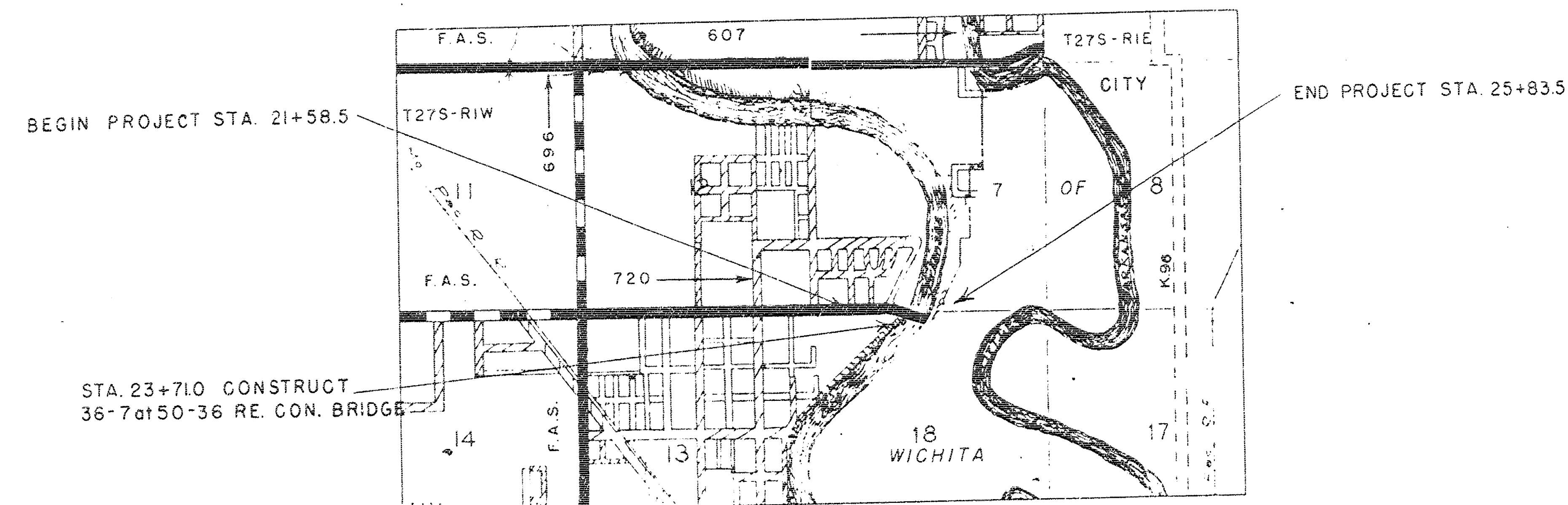


BRIDGE NO. 616-25-2371

INDEX OF SHEETS

SHEET NO. 1	TITLE SHEET
2	PLAN & PROFILE
3	TOPOGRAPHY
4	CONSTRUCTION LAYOUT
5-6	SLAB & GIRDER DETAIL
7	ABUTMENT DETAIL
8	PIER DETAIL
9	AUXILIARY DETAIL
10	LIGHTING DETAIL
11	PILING DETAIL

6,158 V.P.D. 1950



CONVENTIONAL SIGNS

COUNTY LINE	-----
SECTION LINE	-----
WIRE FENCE	-----
HEDGE ROW	-----
RA. ROAD	-----
SURVEY LINE	-----
W. L. OF DAY	-----
TELEPHONE POLE	-----
POWER POLE	-----
TRAVELED WAY	-----

NET LENGTH OF PROJECT	425.0	FT.	08	MILES
NET LENGTH OF BRIDGES	425.0	FT.	08	MILES
NET LENGTH OF ROAD		FT.		MILES
EXCEPTIONS		FT.		MILES
ADDITIONS		FT.		MILES
GROSS LENGTH OF PROJECT		FT.		MILES

PLANS PREPARED BY

DATE

APPROVED

DATE 12-18-50

ENGINEER OF SECONDARY ROADS

APPROVED

COUNTY ENGINEER

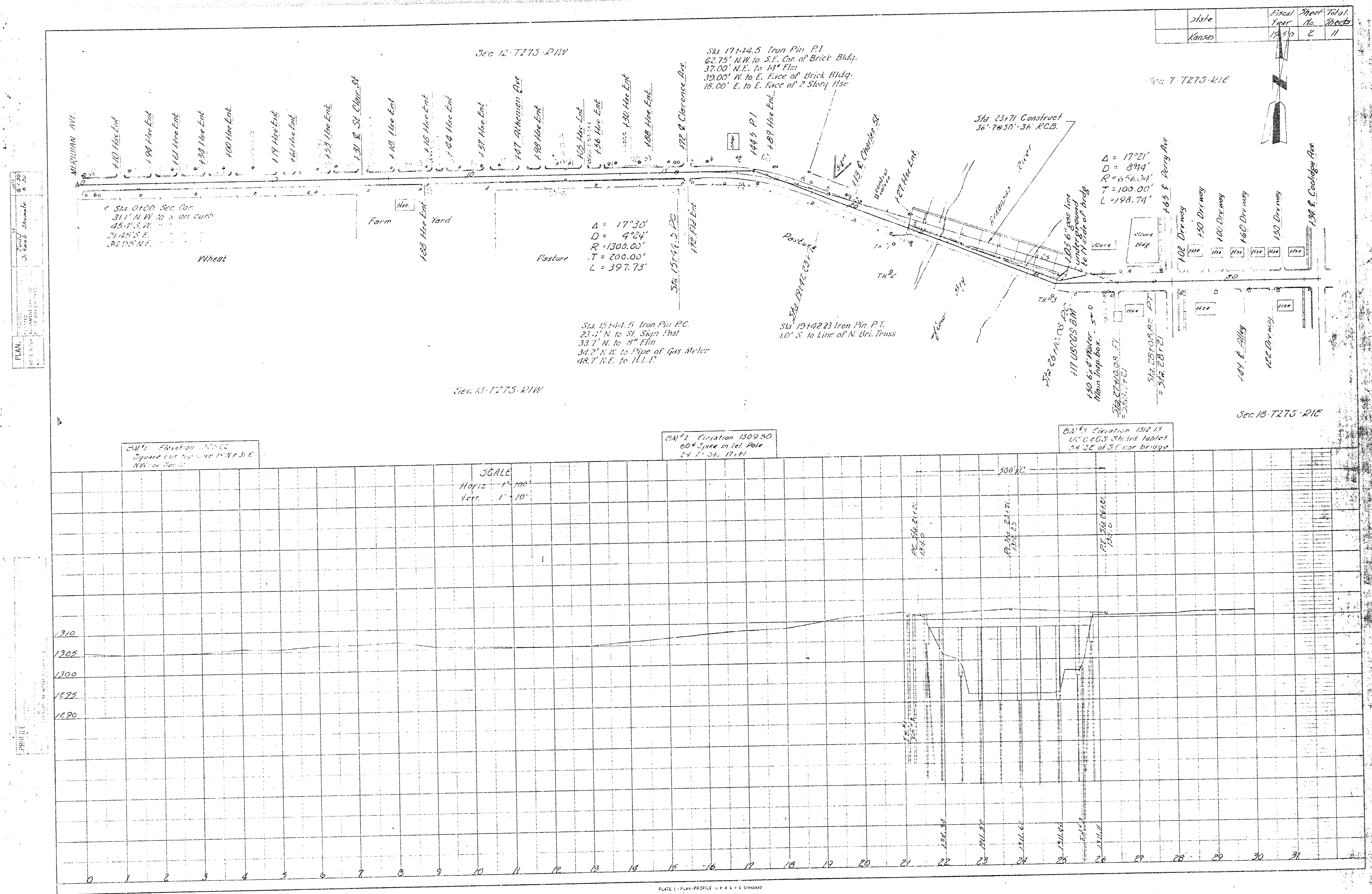
DATE 12-14-50

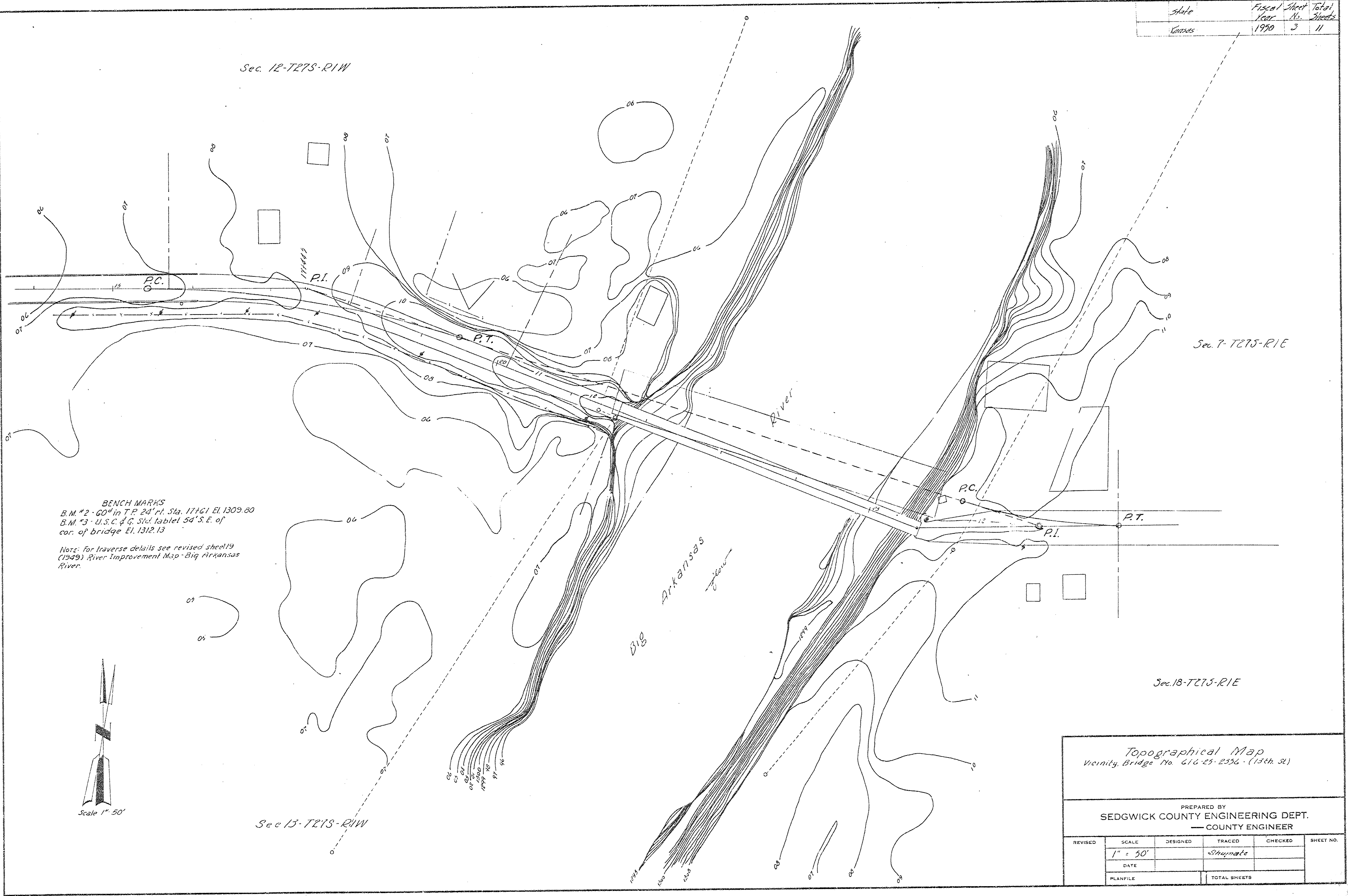
APPROVED

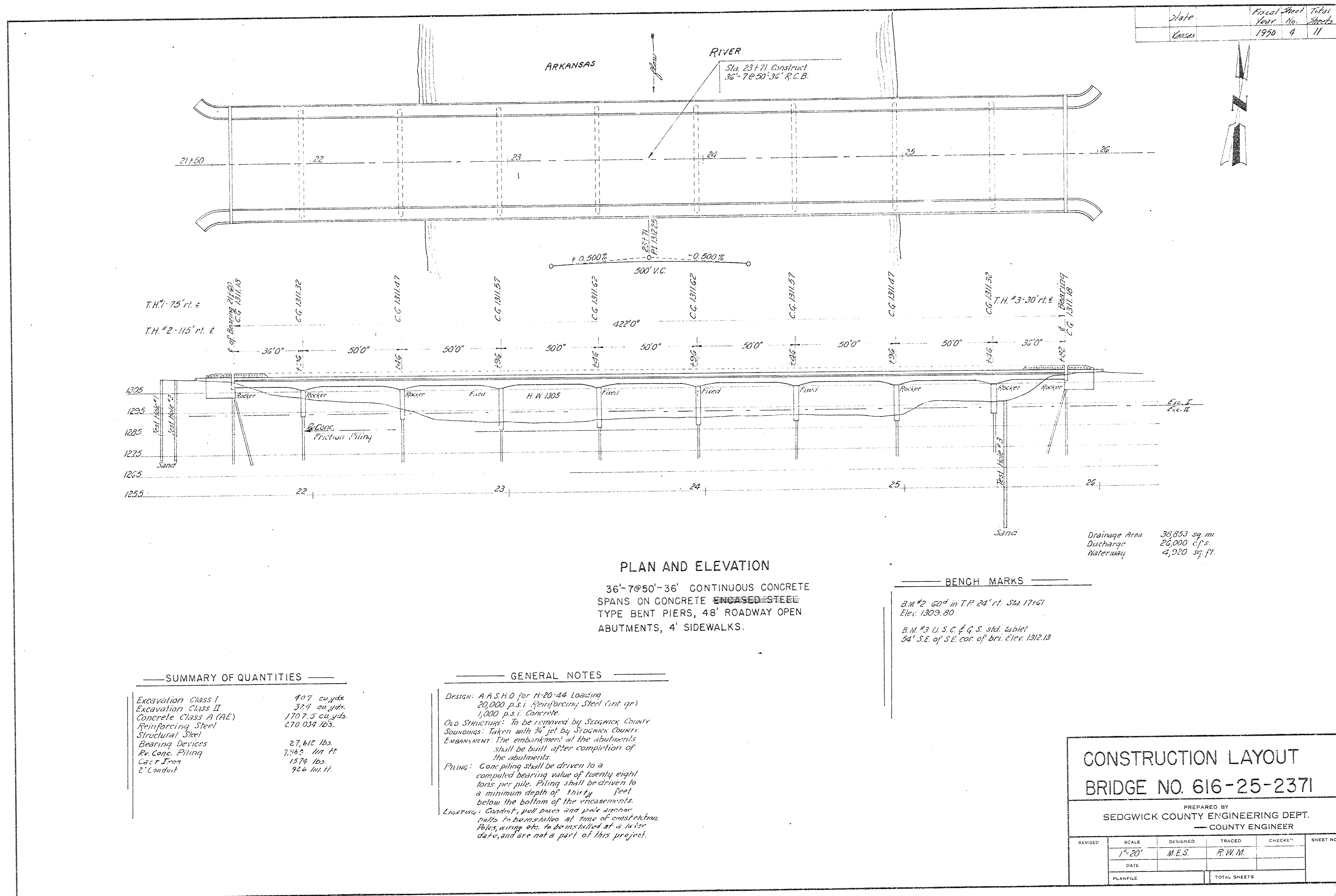
DATE 12-18-50

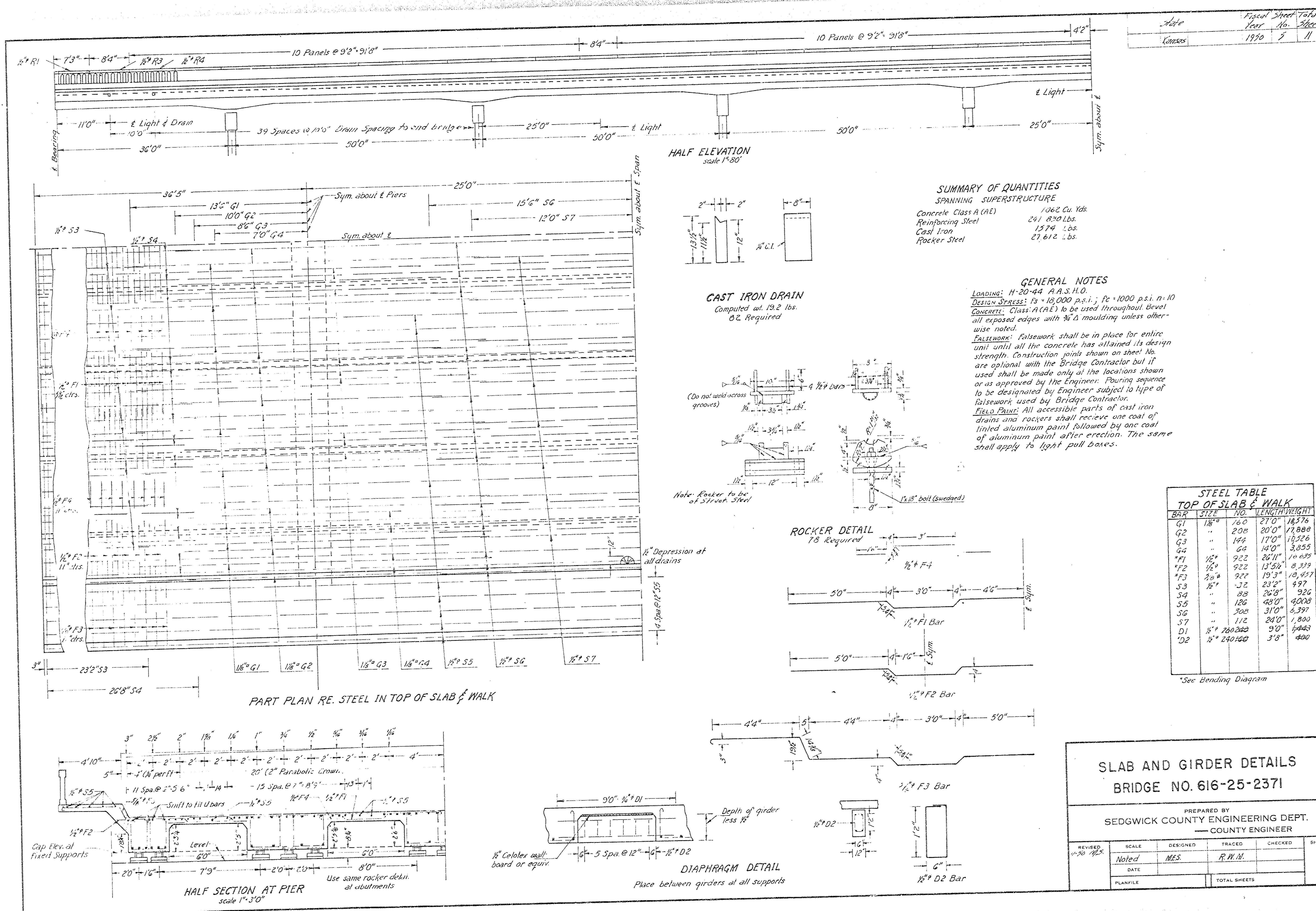
STATE HIGHWAY ENGINEER

13th Street
616-25









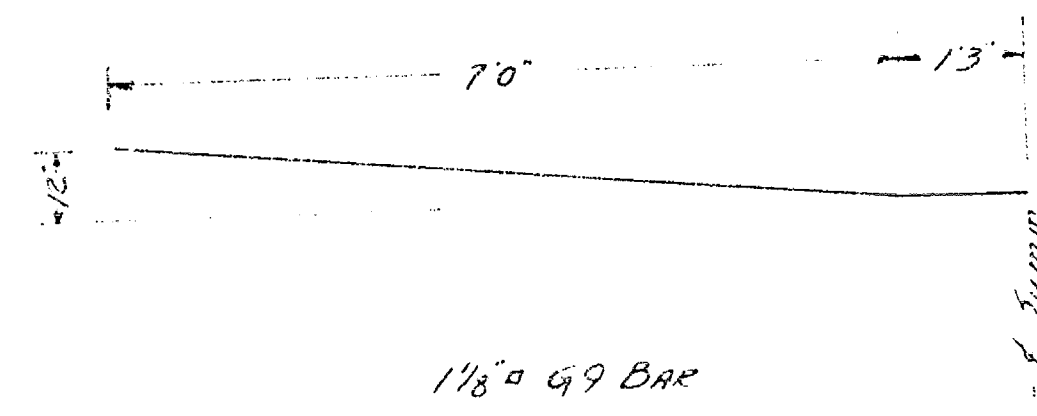
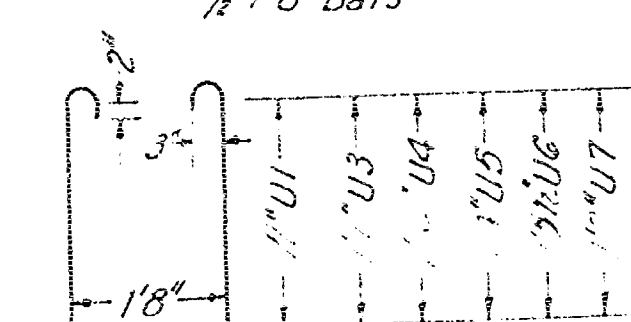
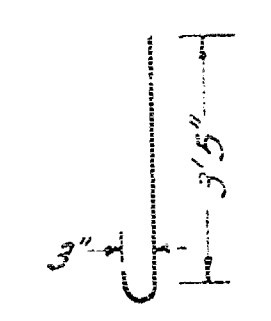
SLAB AND GIRDER DETAILS
BRIDGE NO. 616-25-237I

PREPARED BY
SEDGWICK COUNTY ENGINEERING DEPT.
RUFUS S. KIRK — COUNTY ENGINEER

REVISED	SCALE	DESIGNED	TRACED	CHECKED	SHEET NO.
11-30-45	1" = 3'-0"	M.E.S.	R.W.M.		
	DATE	10-20-50			
	PLANFILE		TOTAL SHEETS		

STEEL TABLE
BOTTOM OF SLAB AND HALF

BAR	SIZE	NO.	LENGTH	WEIGHT
G1	1/2"	40	298'	3,104
G2	1/2"	28	150'	1,838
G3	1/2"	40	270'	2,860
G4	1/2"	12	178'	1,300
G5	1/2"	100	360'	21,087
G6	1/2"	100	300'	21,087
G7	1/2"	84	270'	9,759
G8	1/2"	42	200'	3,612
G9	1/2"	28	150'	1,807
G10	1/2"	12	124'	8,443
G11	1/2"	120	43'	780
G12	1/2"	216	48'	6,925
G13	1/2"	125	47'	3,180
G14	1/2"	124	41'	7,187
G15	1/2"	64	41'	210
G16	1/2"	64	33'	236
G17	1/2"	64	33'	233
U1	1/2"	96	73'	466
U2	1/2"	96	73'	482
U3	1/2"	96	73'	498
U4	1/2"	96	73'	514
U5	1/2"	96	73'	530
U6	1/2"	96	73'	546
U7	1/2"	96	73'	562
U8	1/2"	96	73'	578
U9	1/2"	96	73'	594
U10	1/2"	96	73'	610
U11	1/2"	96	73'	626
U12	1/2"	96	73'	642
U13	1/2"	96	73'	658
U14	1/2"	96	73'	674
U15	1/2"	96	73'	690
U16	1/2"	96	73'	706
U17	1/2"	96	73'	722
U18	1/2"	96	73'	738
U19	1/2"	96	73'	754
U20	1/2"	96	73'	770
U21	1/2"	96	73'	786
U22	1/2"	96	73'	802
U23	1/2"	96	73'	818
U24	1/2"	96	73'	834
U25	1/2"	96	73'	850
U26	1/2"	96	73'	866
U27	1/2"	96	73'	882
U28	1/2"	96	73'	898
U29	1/2"	96	73'	914
U30	1/2"	96	73'	930
U31	1/2"	96	73'	946
U32	1/2"	96	73'	962
U33	1/2"	96	73'	978
U34	1/2"	96	73'	994
U35	1/2"	96	73'	1,010
U36	1/2"	96	73'	1,026
U37	1/2"	96	73'	1,042
U38	1/2"	96	73'	1,058
U39	1/2"	96	73'	1,074
U40	1/2"	96	73'	1,090
U41	1/2"	96	73'	1,106
U42	1/2"	96	73'	1,122
U43	1/2"	96	73'	1,138
U44	1/2"	96	73'	1,154
U45	1/2"	96	73'	1,170
U46	1/2"	96	73'	1,186
U47	1/2"	96	73'	1,202
U48	1/2"	96	73'	1,218
U49	1/2"	96	73'	1,234
U50	1/2"	96	73'	1,250
U51	1/2"	96	73'	1,266
U52	1/2"	96	73'	1,282
U53	1/2"	96	73'	1,298
U54	1/2"	96	73'	1,314
U55	1/2"	96	73'	1,330
U56	1/2"	96	73'	1,346
U57	1/2"	96	73'	1,362
U58	1/2"	96	73'	1,378
U59	1/2"	96	73'	1,394
U60	1/2"	96	73'	1,410
U61	1/2"	96	73'	1,426
U62	1/2"	96	73'	1,442
U63	1/2"	96	73'	1,458
U64	1/2"	96	73'	1,474

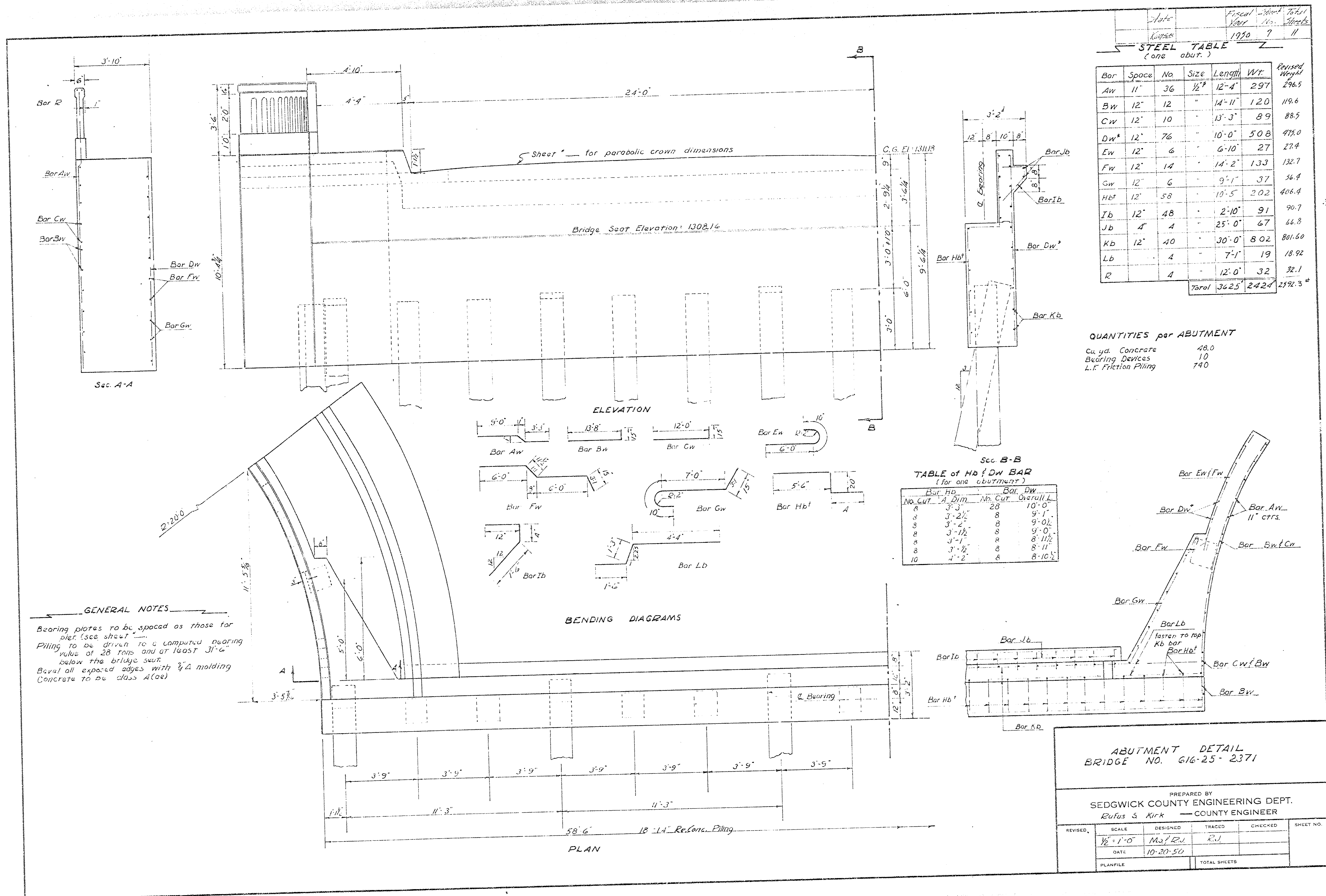


BOTTOM OF JOINT AND WALK				
BAR	SIZE	NO.	LENGTH	WEIGHT
G-3	1 1/2"	40	18' 0"	21.887
G-5	1 1/2"	24	15' 0"	15.823
G-6	1 1/2"	98	25' 0"	51.60
G-7	1 1/2"	12	17' 0"	21.7
G-8	1 1/2"	192	16' 0"	123.902
G-9	1 1/2"	140	36' 0"	21.887
G-11	1 1/2"	168	30' 0"	21.887
G-12	1 1/2"	84	27' 0"	32.74
G-13	1 1/2"	28	20' 0"	16.12
G-14	1 1/2"	32	15' 0"	18.07
G-15	1 1/2"		12' 11"	
F-1	1 1/2"	184	7' 0"	8.663
F-2	1 1/2"	120	4' 3"	7.80
F-3	1 1/2"	216	48' 0"	6.923
F-4	1 1/2"	135	4' 11"	3.130
U-1	1 1/2"	184	6' 7"	7.168
U-2	1 1/2"	49	5' 0"	5.01
U-3	1 1/2"	49	4' "	2.18
U-4	1 1/2"	64	5' 3"	2.36
U-5	1 1/2"	64	5' 8"	2.53
U-6	1 1/2"	64	7' 11"	2.72
U-7	1 1/2"	96	7' 3"	4.66
U-8	1 1/2"	96	7' 5"	4.98
U-10	1 1/2"	96	8' 0"	5.31
U-11	1 1/2"	96	8' 3"	5.13
E-1	1 1/2"	8	7' 0"	3.7
E-2	1 1/2"	922	3' 8"	22.58
E-3	1 1/2"	40	2' 0"	1.97
E-4	1 1/2"	160	8' 11"	10.0
G-16	1 1/2"	12	23' 0"	27.8
G-17	"	84	33' 0"	177.8

SLAB AND GIRDER DETAILS
BRIDGE NO. 616-25-2371

PREPARED BY
SEDGWICK COUNTY ENGINEERING DEPT
RUFUS S. KIRK — COUNTY ENGINEER

RUFUS S. KIRK					SHEET NO.
REVISED 11-50 <i>AKS</i>	SCALE	DESIGNED	TRACED	CHECKED	
	1" = 3' 0"	<i>M.C.S.</i>	<i>R.W.M.</i>		
	DATE	10-50	10-20-50		
	PLANFILE		TOTAL SHEETS		



150420 1970 8 11

SECTION A-A

SECTION B-B

EL A

EL B

EL C = 10'

EL D

20'-14" piling @ 2'-6" - 47'6" Re. Cont.

50'6" overall

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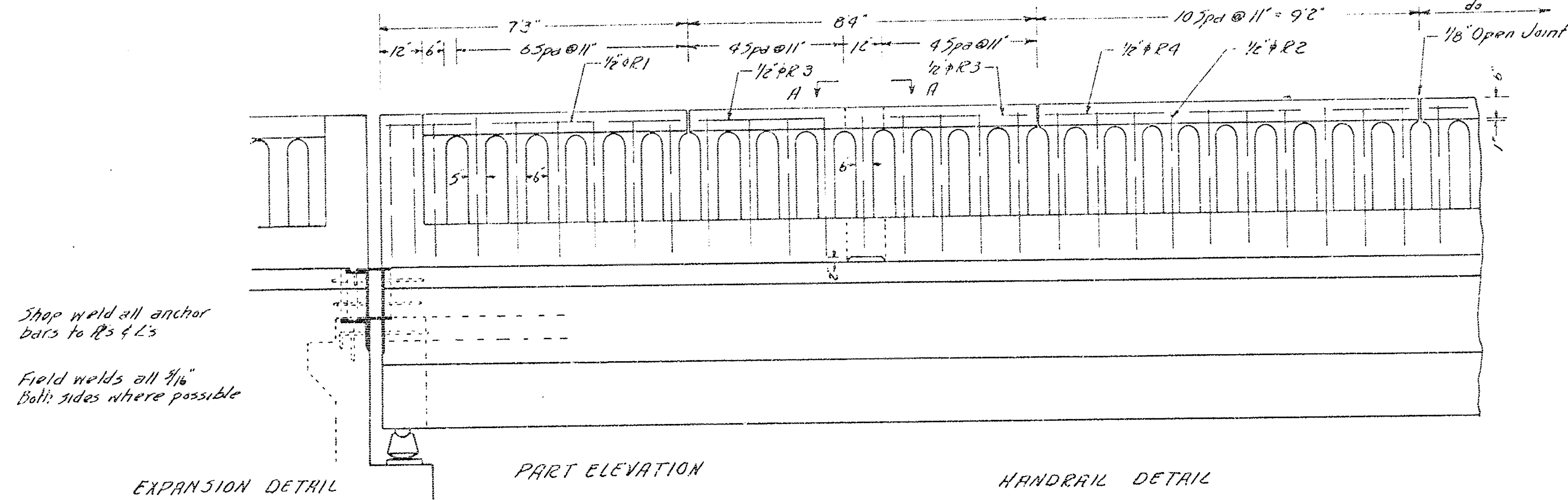
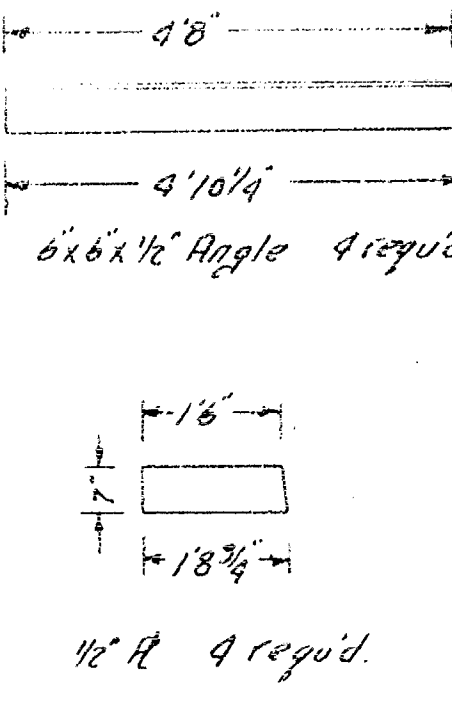
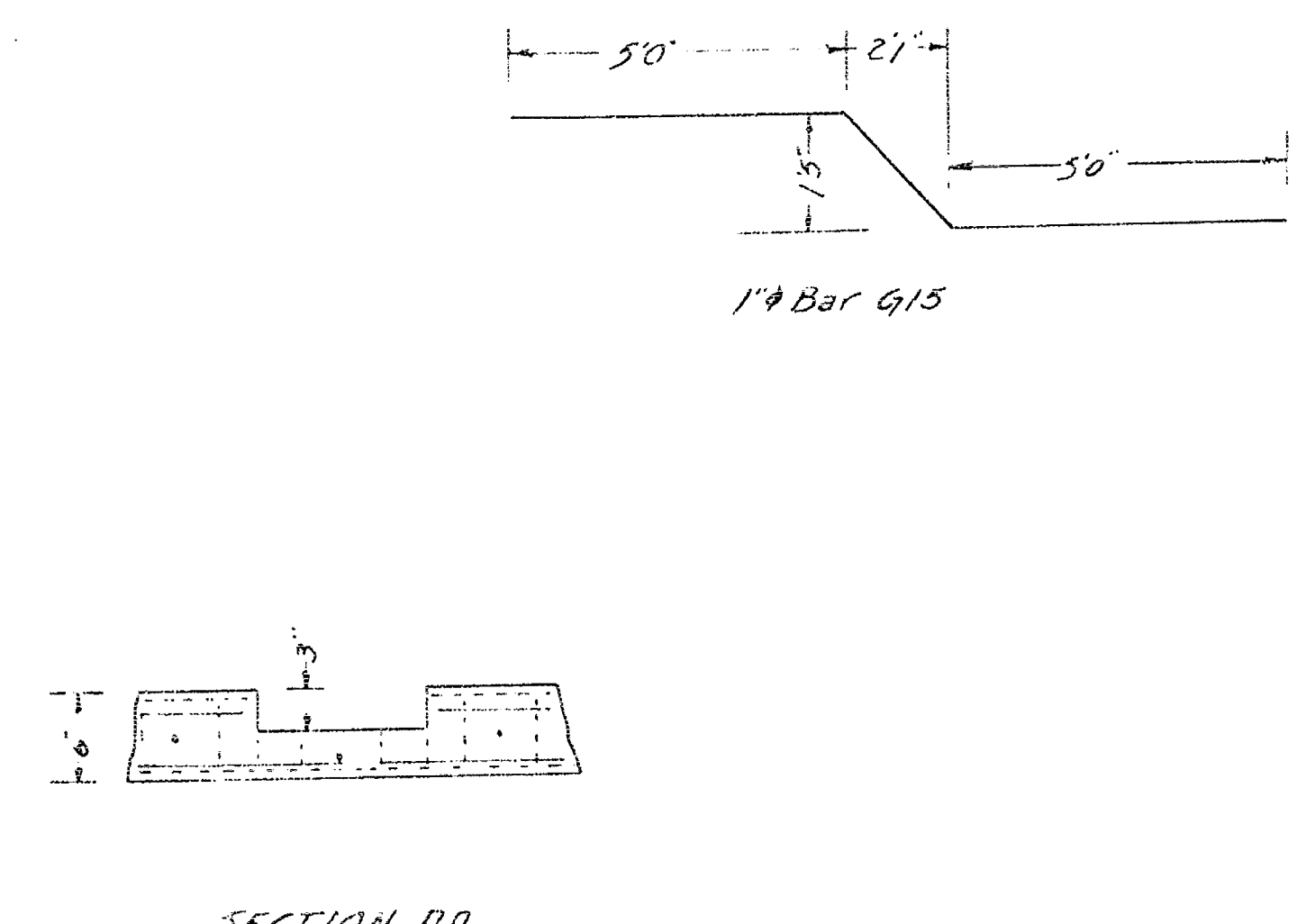
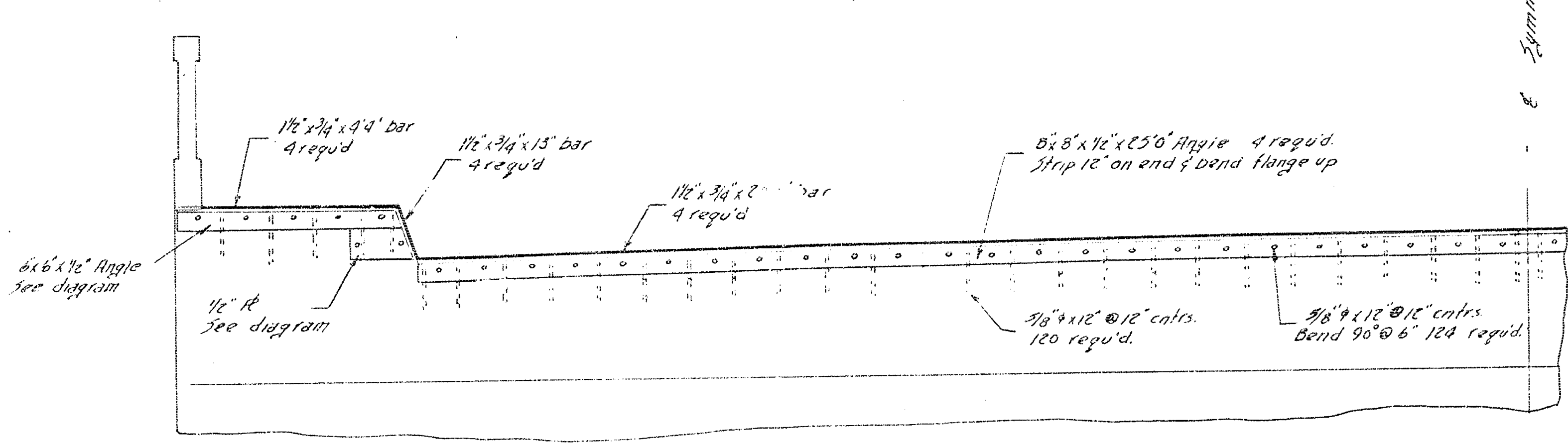
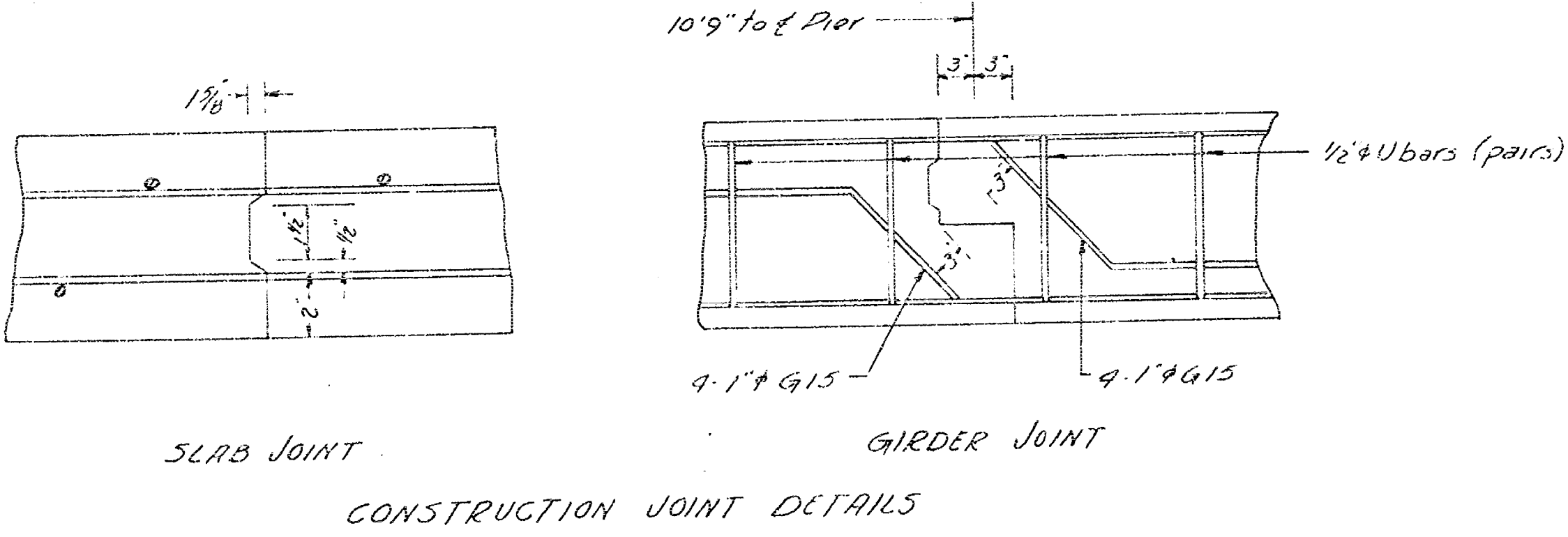
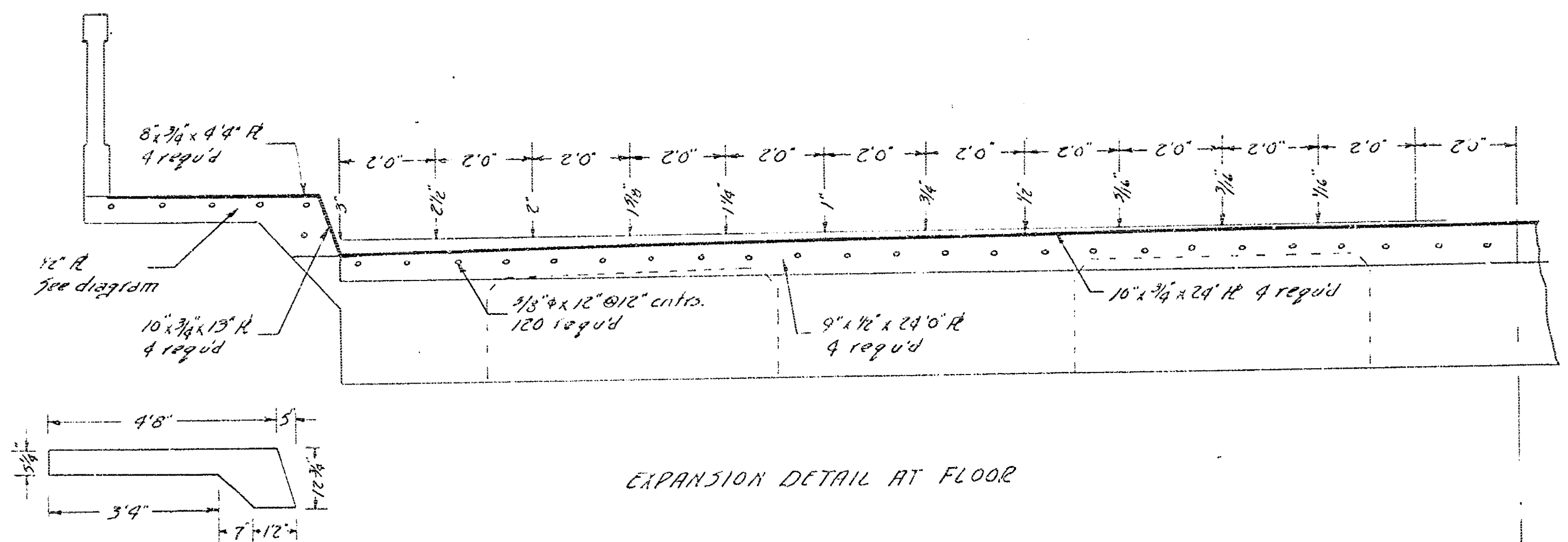
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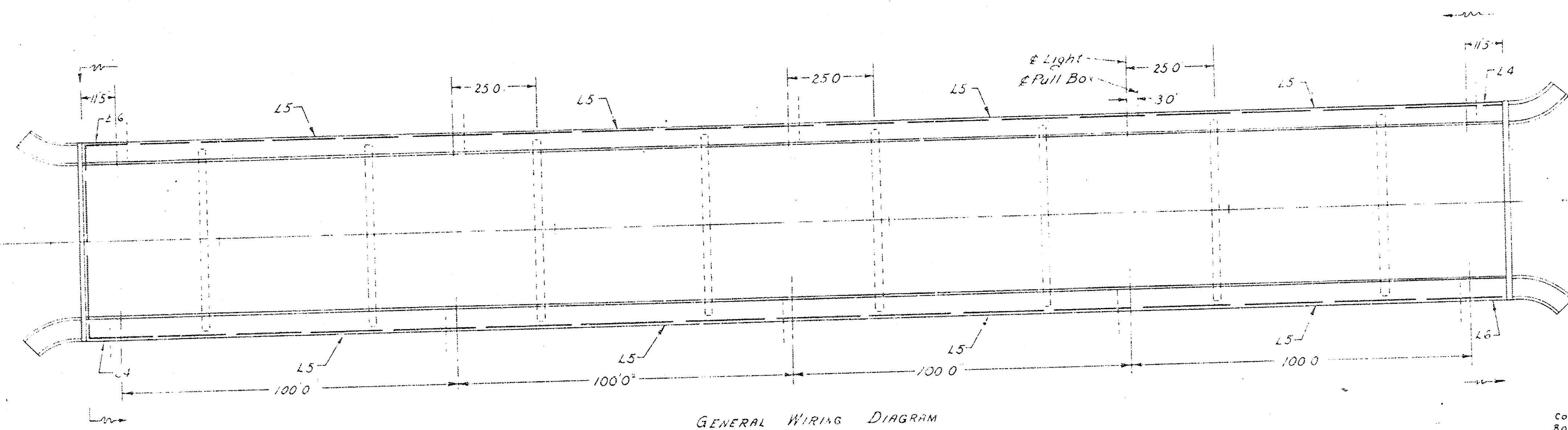
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Drawn	Checked	Sheet	Total
Kansas	1990	9	11

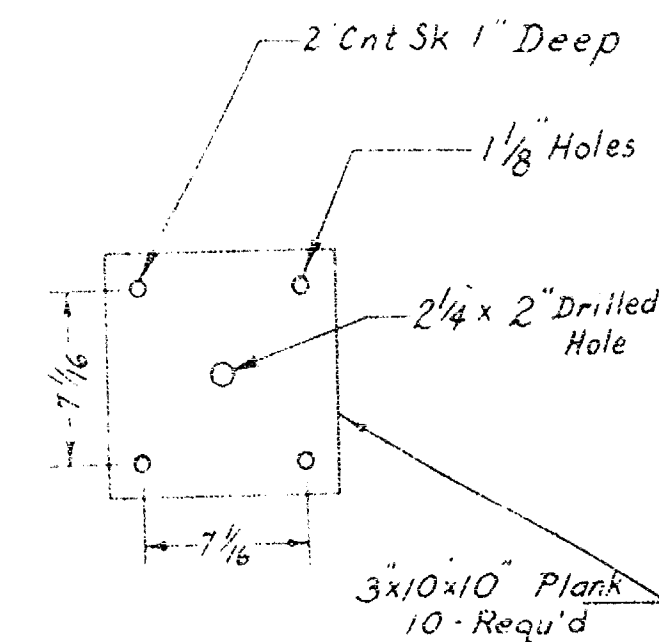


AUXILIARY DETAILS					
BRIDGE NO. 616-25-2371					
PREPARED BY SEDGWICK COUNTY ENGINEERING DEPT. RUFUS S. KIRK — COUNTY ENGINEER					
REVISED	SCALE	DESIGNED	TRACED	CHECKED	SHEET NO.
	1"=2'-0"	M.E.S.	M.E.S.		
	DATE				
	PLANFILE		TOTAL SHEETS		

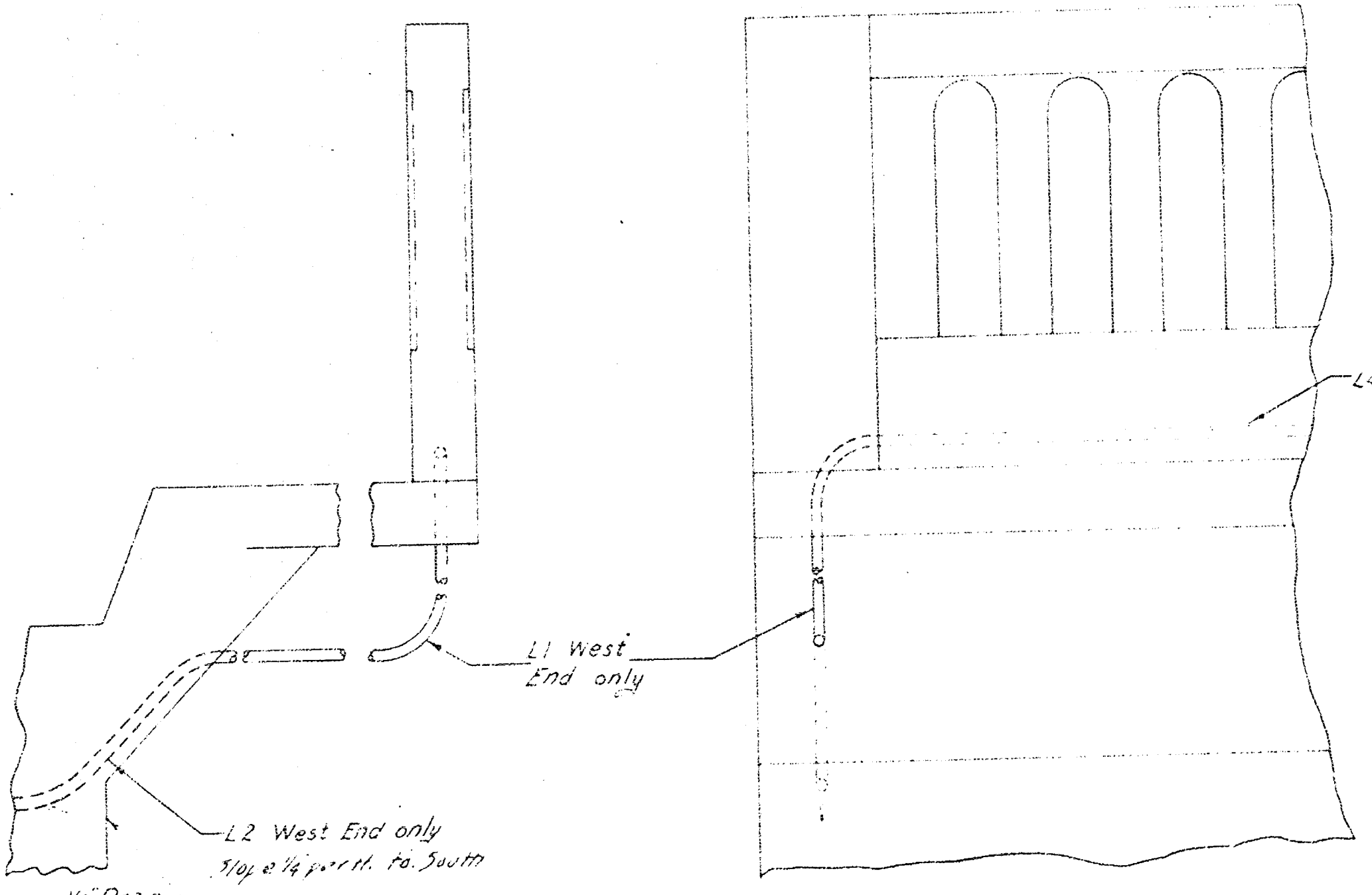
State	Fiscal Year	Sheet No.	Total Sheets
Kansas	1950	10	11



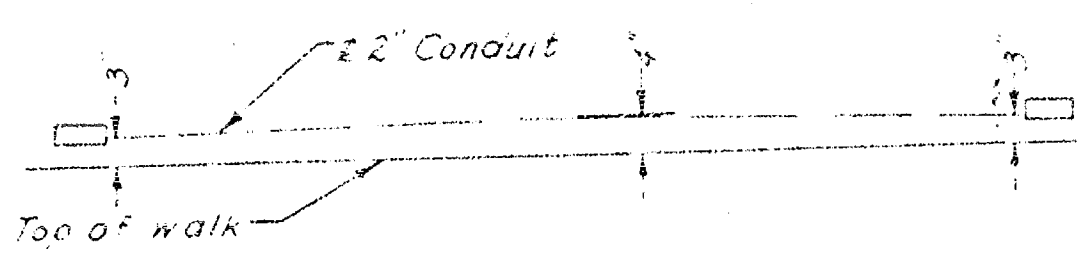
GENERAL WIRING DIAGRAM



Temporary Covers Over Anchor Bolts



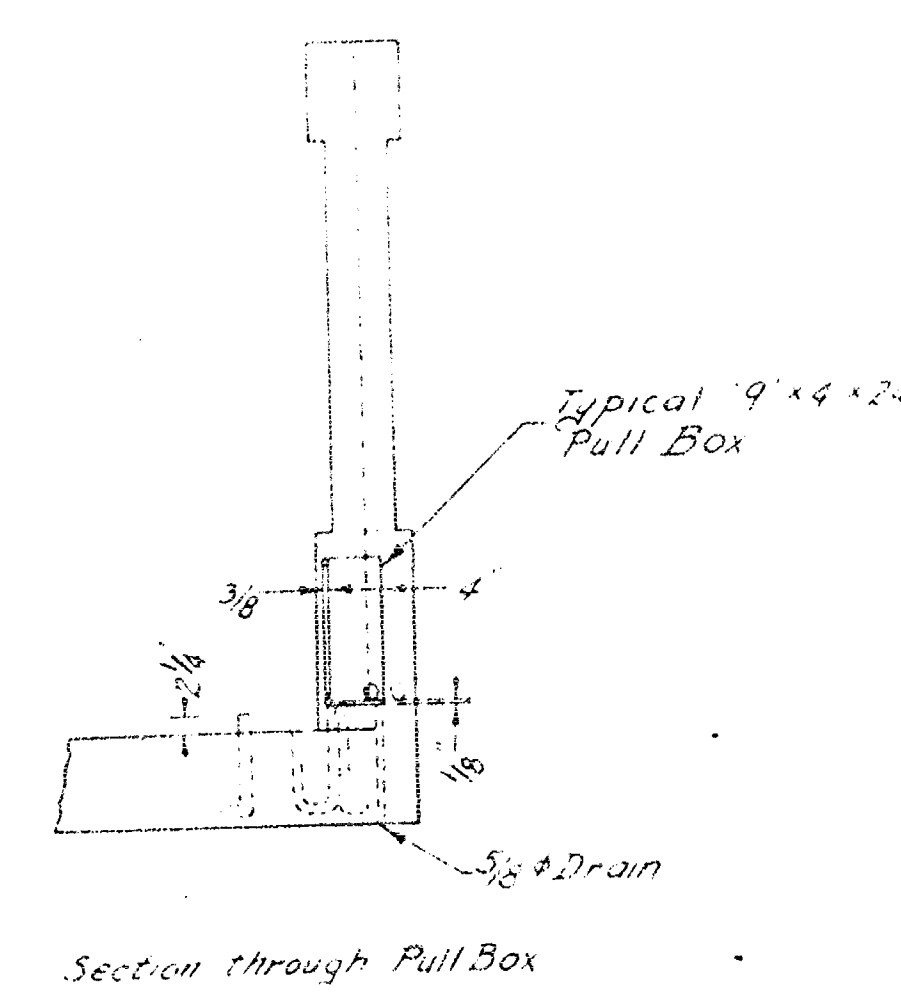
DETAIL AT ENDS OF BRIDGE



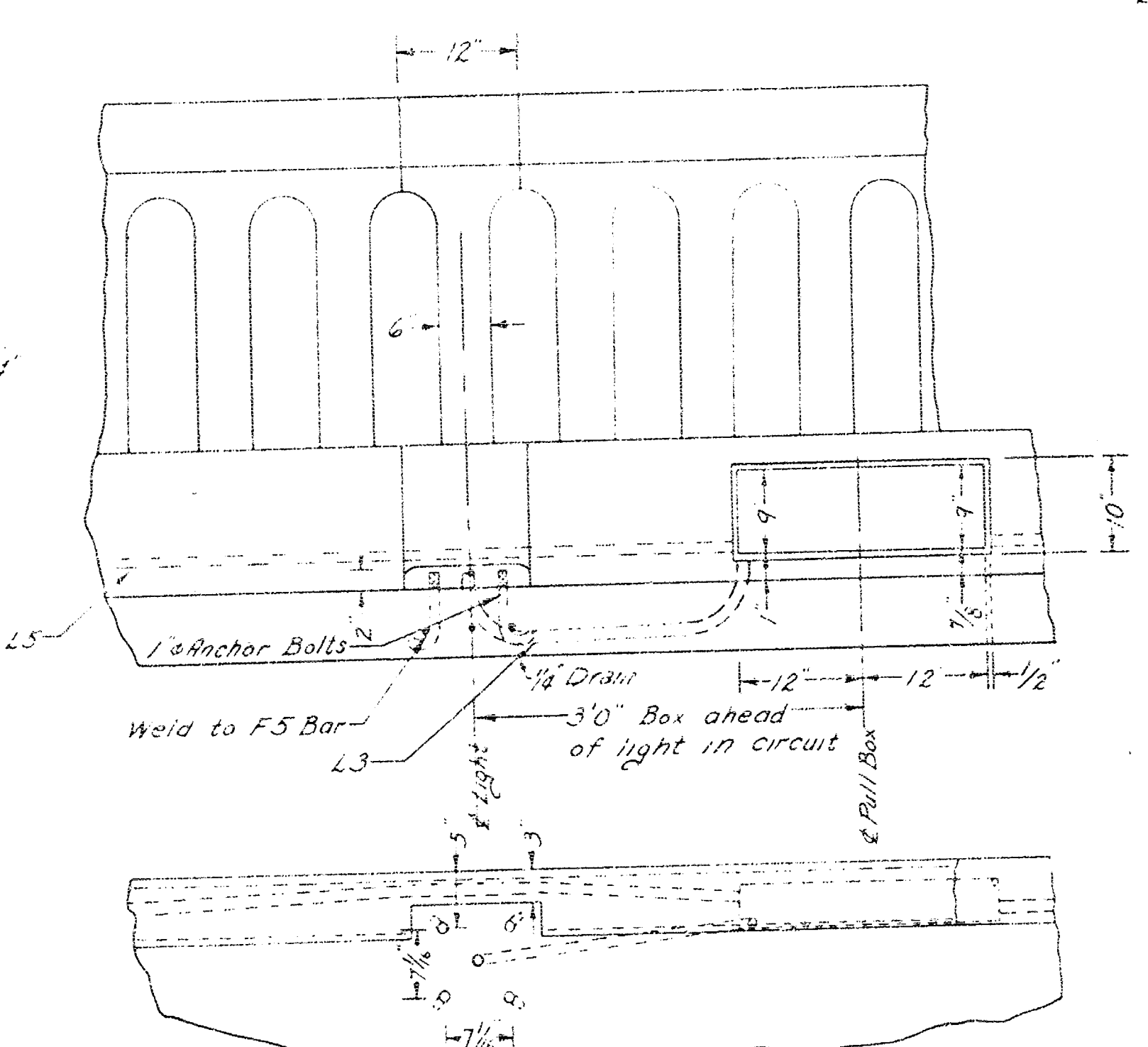
Typical Slope of Conduit between Pull Boxes

Span	No.	Length	Total Length
L1	2	4 1/2'	9 3/4'
L2	1	53 9/16'	53 9/16'
L3	10	1 10 1/2'	105 1/2'
L4	2	3 1/2'	7'
L5	8	100 2'	801 4'
L6	2	14 1/4'	28 1/2'
Total			926 2 1/2'

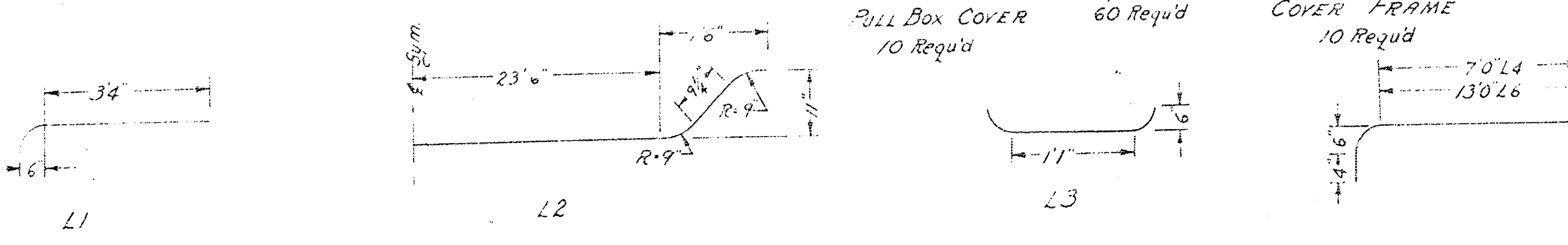
All conduit 2 x 2 inch schedule 40



Section through Pull Box



DETAIL AT PULL BOX AND LIGHT



PULL BOX COVER 10 Required

COVER FRAME 10 Required

LIGHTING DETAILS BRIDGE NO. 616-25-2371

PREPARED BY
SEDGWICK COUNTY ENGINEERING DEPT.
RUFUS S. KIRK — COUNTY ENGINEER

REVISED	SCALE	DESIGNED	TRACED	CHECKED	SHEET NO.
1-1-50		MES	CDH		
DATE	10-50	10-25-50			
PLANFILE		TOTAL SHEETS			

