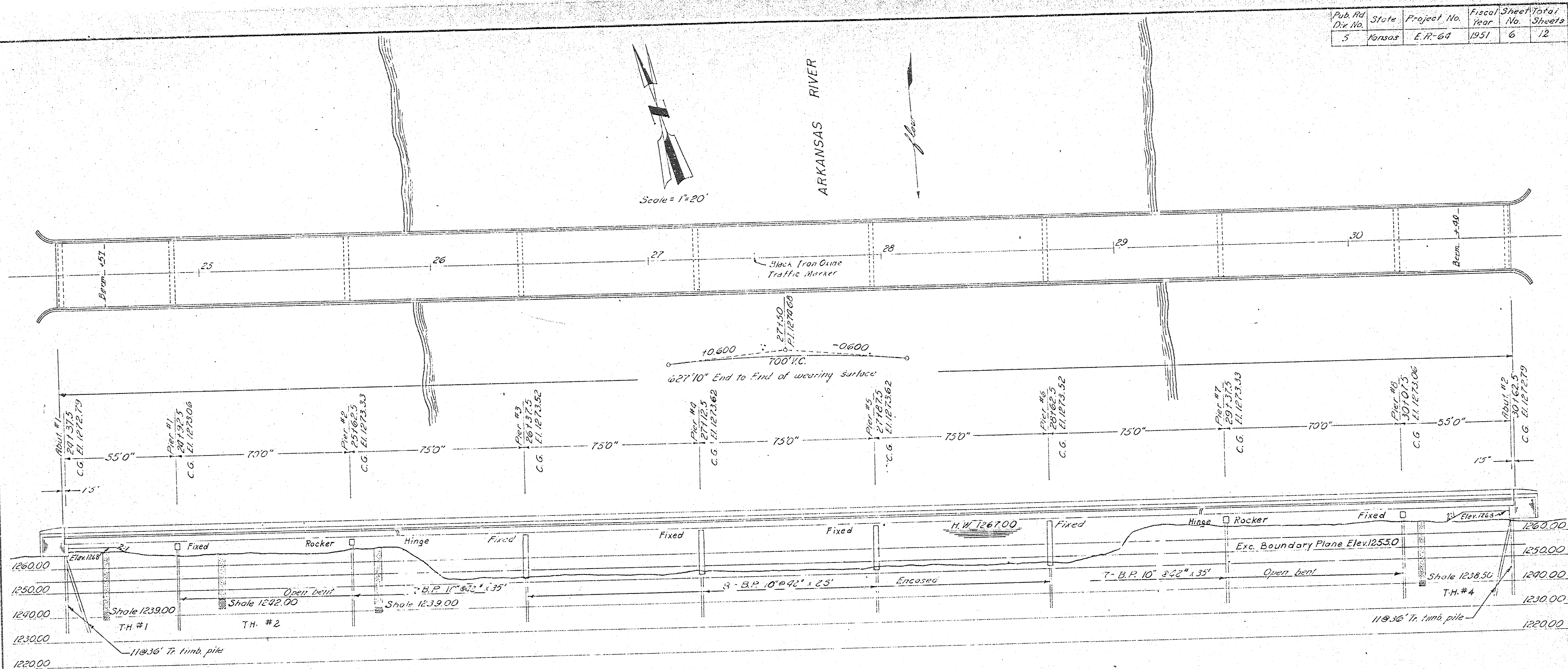


Pub. Ad. Dist. No.	State	Project No.	Fiscal Year	Sheet No.	Total Sheets
5	Kansas	E.R. 64	1951	6	12



PLAN AND ELEVATION
55'-70'-5' @ 75'-70'-55' CONTINUOUS STEEL SPANS
ON PILE BENT PIER OPEN TYPE ABUT-
MENTS 26' ROADWAY.

SUMMARY OF QUANTITIES	
Excavation Class I	100 Cu Yd
Excavation Class II	50 Cu Yd
Class A(Rt.) Concrete	180 Cu Yd
Reinforcing Steel 8/16" 2000 p.s.i.	100 Lb.
Structural Steel	370 Lb.
Bearing Devices	231 Lb.
12" x 12" x 12" Piers	1.00
Tr. timb. piles	1.00
Steel pile points	1.00
10" x 10" x 10" Piers	1.00

+ 28' 55" 32' 25"
1. 22' 35"

GENERAL NOTES

- Design: A.A.S.H.O. Specs. for 11-20-44 loading
Structural Steel - 18000 p.s.i.
Reinforcing Steel (Int. gr.) - 20000 p.s.i.
Concrete - 1000 p.s.i.
- Soundings: No. 12344 taken with 36" jet at
old bridge sight by Sedgwick County
The embankment at the abutments
shall be built & compacted before con-
struction of abutments.
- Piling: H-beam piling shall be driven to a
computed bearing value of 37 tons
per pile, timb. piling 18 tons per pile.
- Excavation: Elevation 1235.0 shall be the ex-
cavation boundary plane of class I
& class II excavation, Class I above
the plane & class II below.
- Clearing & Surfacing: Clearing, grading, & Surfacing to be done
by Sedgwick County & is not a part of
this project.
- Timb. test pile shall be driven at
approximately the location shown before
any other piling in this vicinity is
driven.
cut-off well below the ground line &
shall remain in place.

Drainage Area 41,700 Sq. Mi.
Discharge 7020 Cfs
Waterway

BENCH MARKS

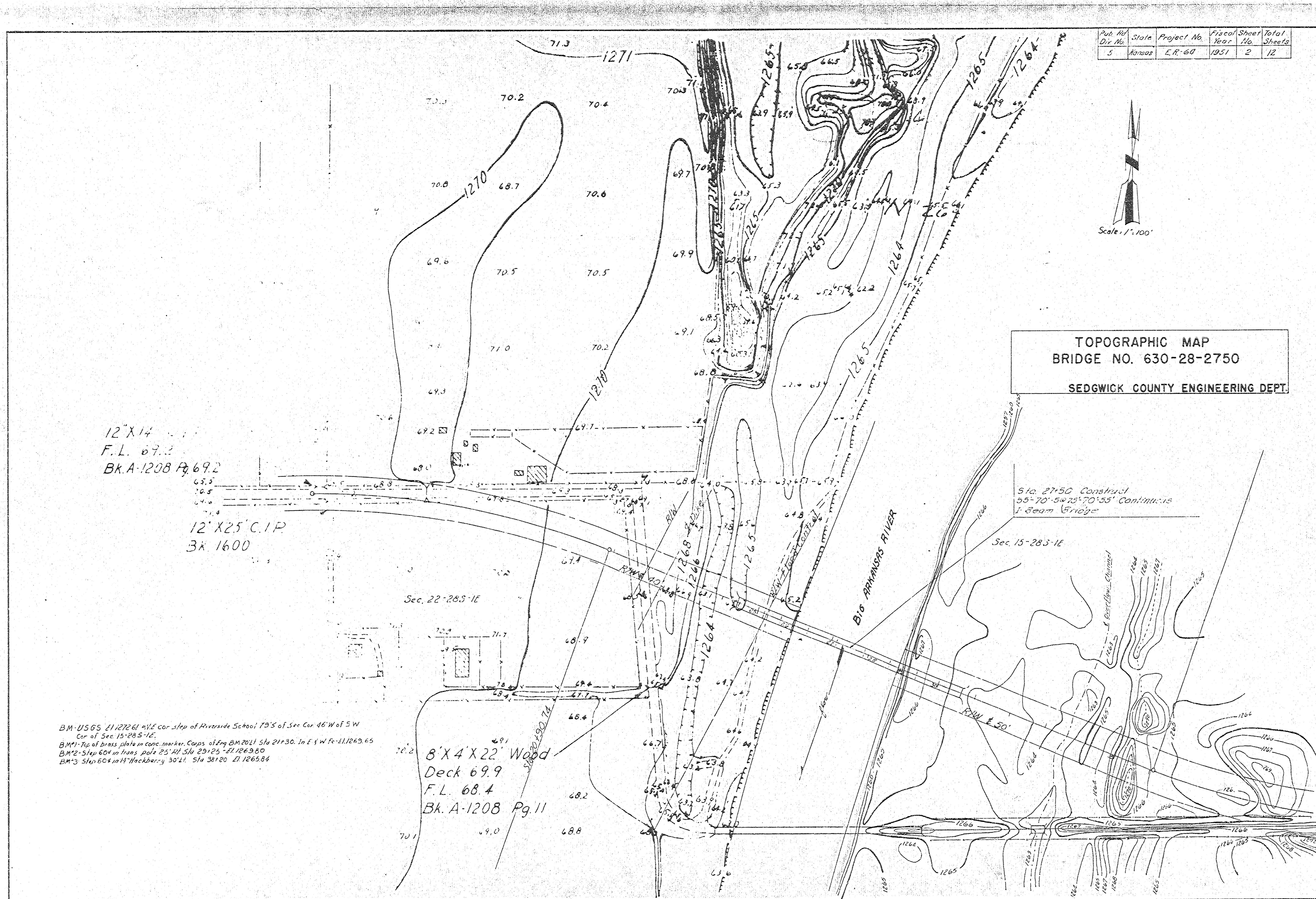
- B.M. #1 Top of brass plate in conc. marker, Corps of Eng.
B.M. 20' ft. sta. 21+30 in E&W. fe. - El. 1269.65
- B.M. #2 Step 60" in trans. pole 25' ft. sta. 21+25 - El. 1269.80
- B.M. #3 Step 60" in 14" hackberry 30' ft. sta. 38+20
El. 1265.84

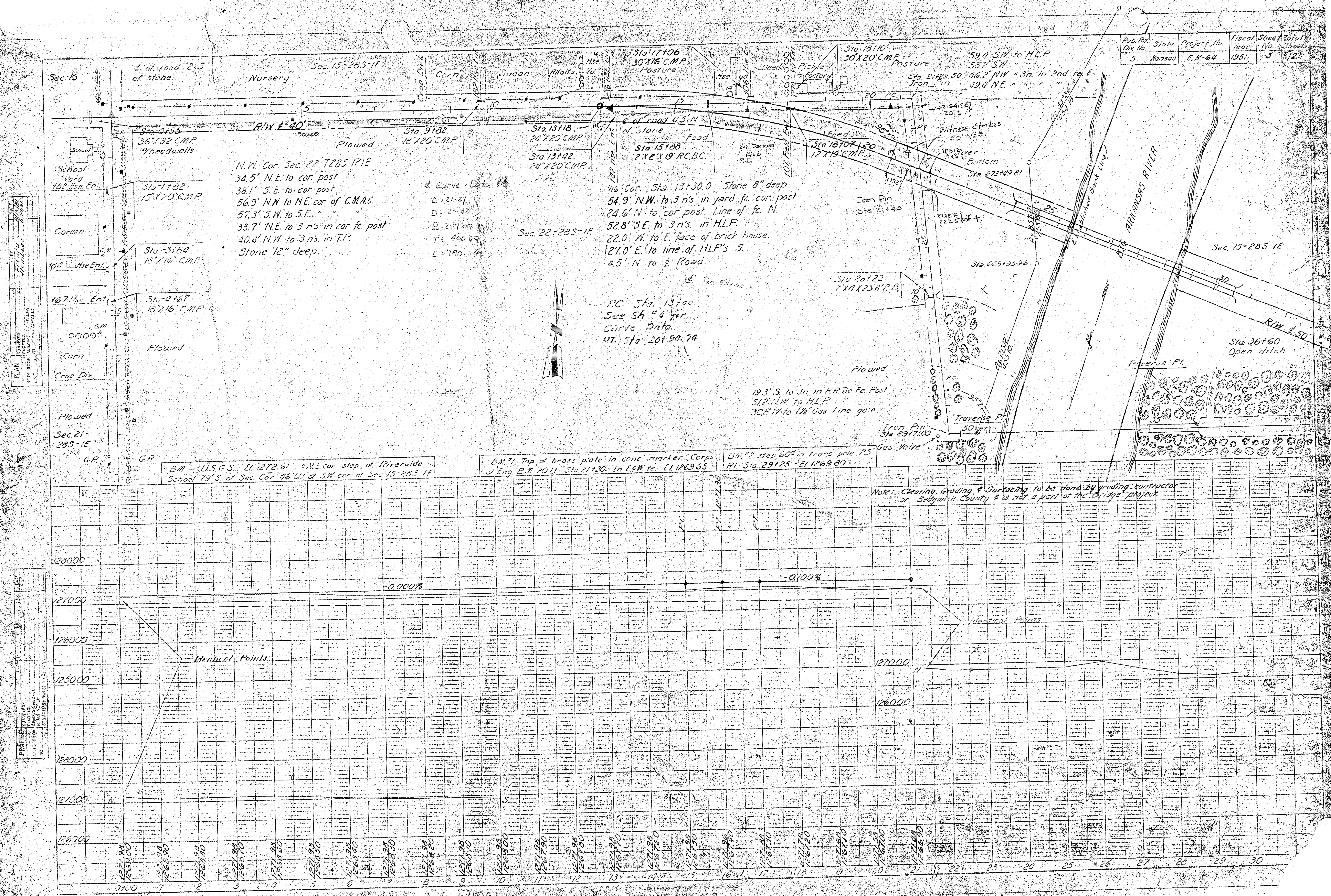
Reinforcing in Piers
See 1-7-52-R.M. Size of number of Piles at Piers

CONSTRUCTION LAYOUT BRIDGE NO. 630-28-2750 55'-70'-5' @ 75'-70'-55' SPANS

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

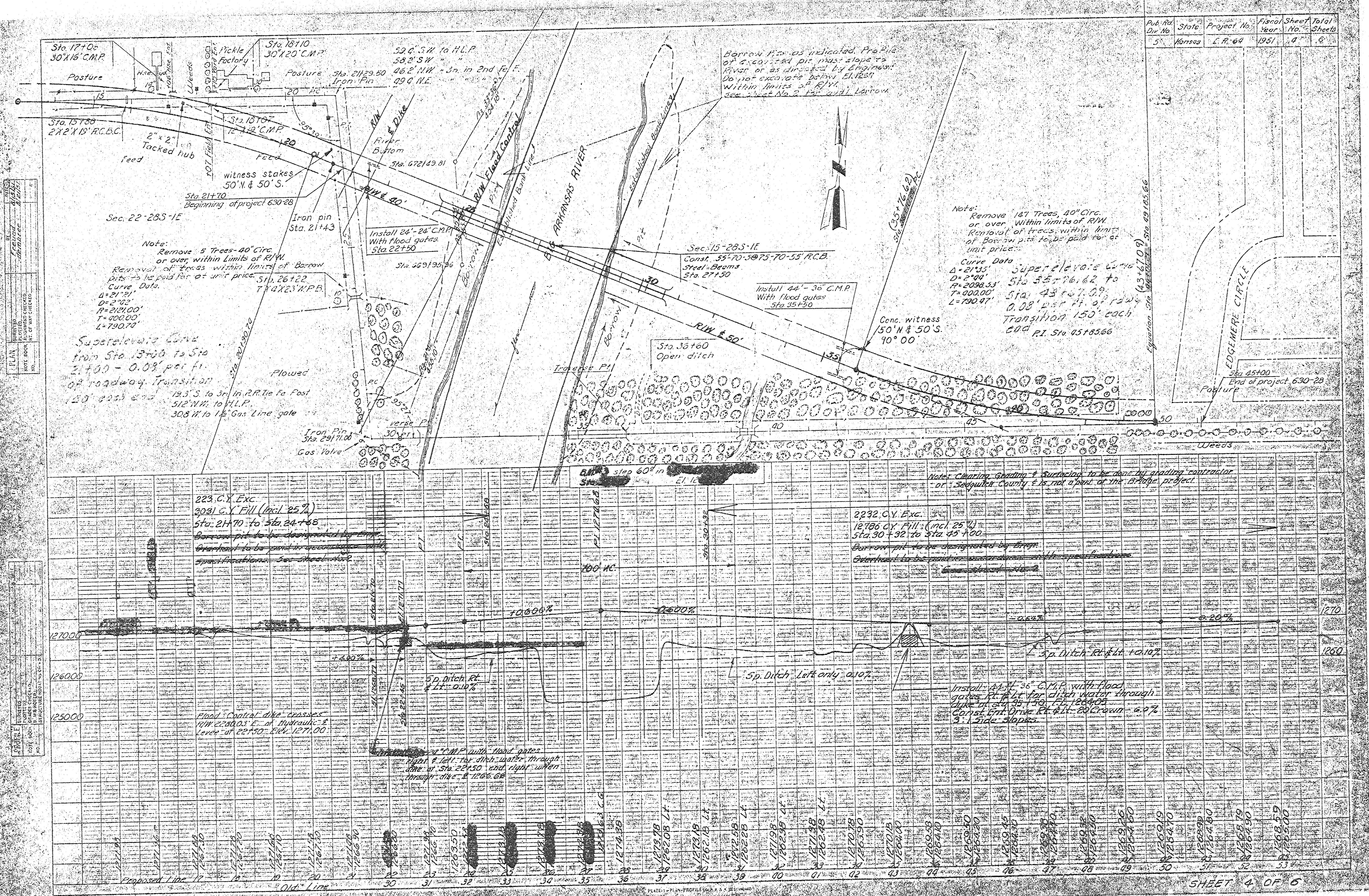
REVISED	SCALE	DESIGNED	TRACED	CHECKED	SHEET NO.
2-25-52 R.M.	1" = 20'	R.M.	L.M.H.	M.S.	
DATE					
PLANFILE				TOTAL SHEETS	





PLAN	Sheet No.	4
DATE	10/1/51	
BY	J. H. HARRIS	
CHECKED	J. H. HARRIS	
APPROVED	J. H. HARRIS	
SCALE	1" = 100'	

SECTION	Sheet No.	5
DATE	10/1/51	
BY	J. H. HARRIS	
CHECKED	J. H. HARRIS	
APPROVED	J. H. HARRIS	
SCALE	1" = 100'	



Pub. No.	State	Project No.	Fiscal Year	Sheet No.	Total Sheets
5	Missouri	L.R. 64	1951	4	6