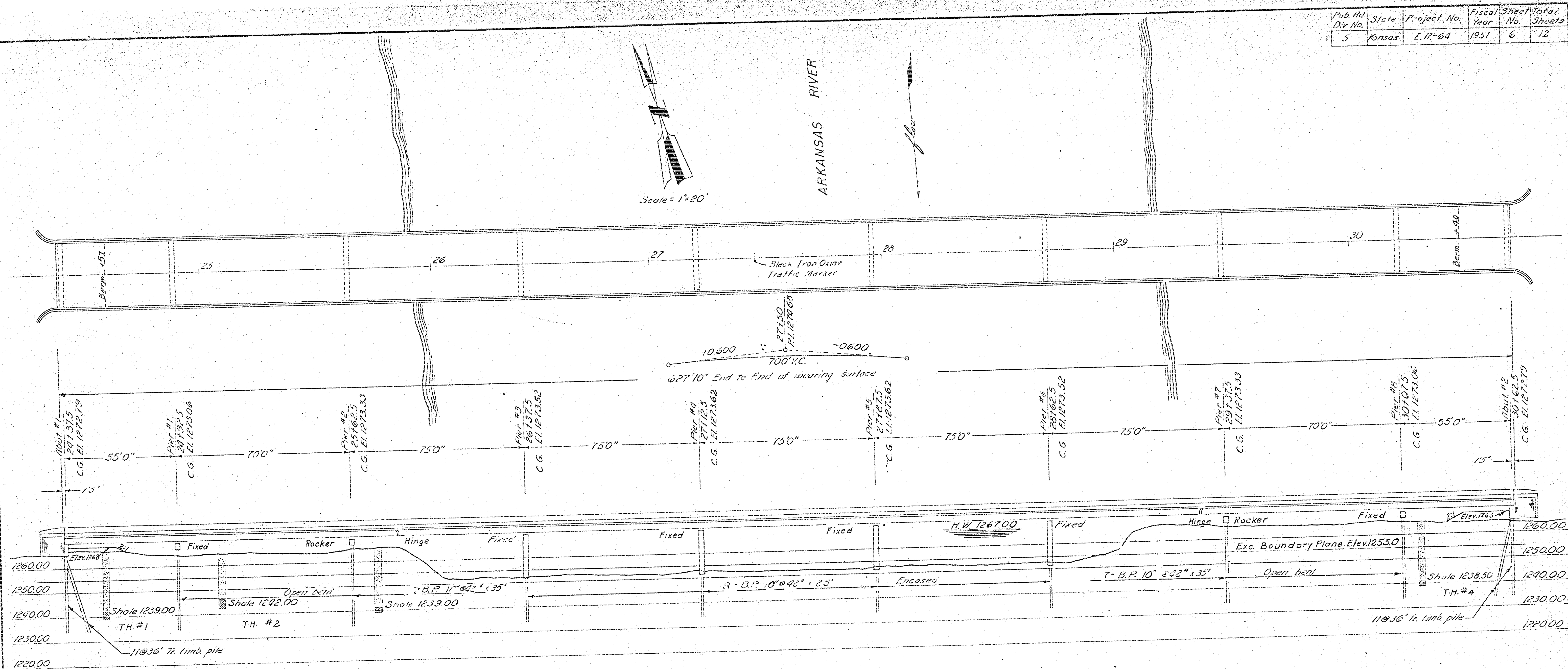


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PLAN AND ELEVATION
55'-70'-5 @ 75'-70'-55' CONTINUOUS STEEL SPANS
ON PILE BENT PIERS OPEN TYPE ABUT-
MENTS 26' ROADWAY.

SUMMARY OF QUANTITIES	
Excavation Class I	120 Cu Yd
Excavation Class II	50 Cu Yd
Class A(Rt.) Concrete	184 Cu Yd
Reinforcing Steel 8/16-20-40-45-10	37,430 Lb.
Structural Steel	2,370 Lb.
Bearing Devices	4,128-20-in. ft.
Tr. timb. piles	4,792 Lin. ft.
Steel pile points	2 each
10" Steel Piles	4,750 Lin. ft.

+ 28° 55' 32" & 25'
1. 22° 35'

GENERAL NOTES

- Design: A.A.S.H.O. Specs. for 11-20-40 loading
Structural Steel - 18,000 p.s.i.
Reinforcing Steel (Int. gr.) - 20,000 p.s.i.
Concrete - 10,000 p.s.i.
- Soundings: No. 12,344 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.

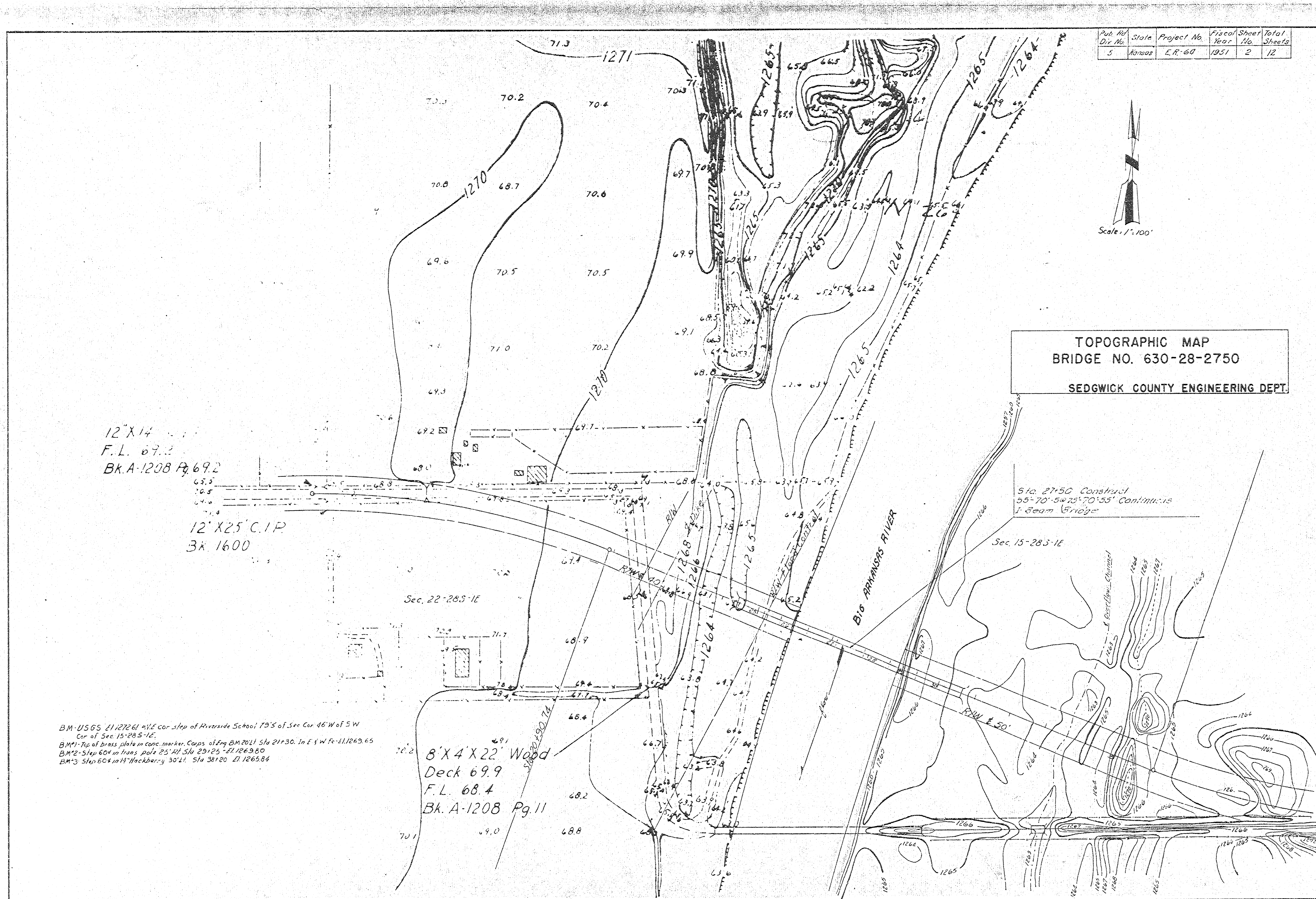
Drainage Area 41,700 Sq. Mi.
Discharge 7020 Cfs
Waterway

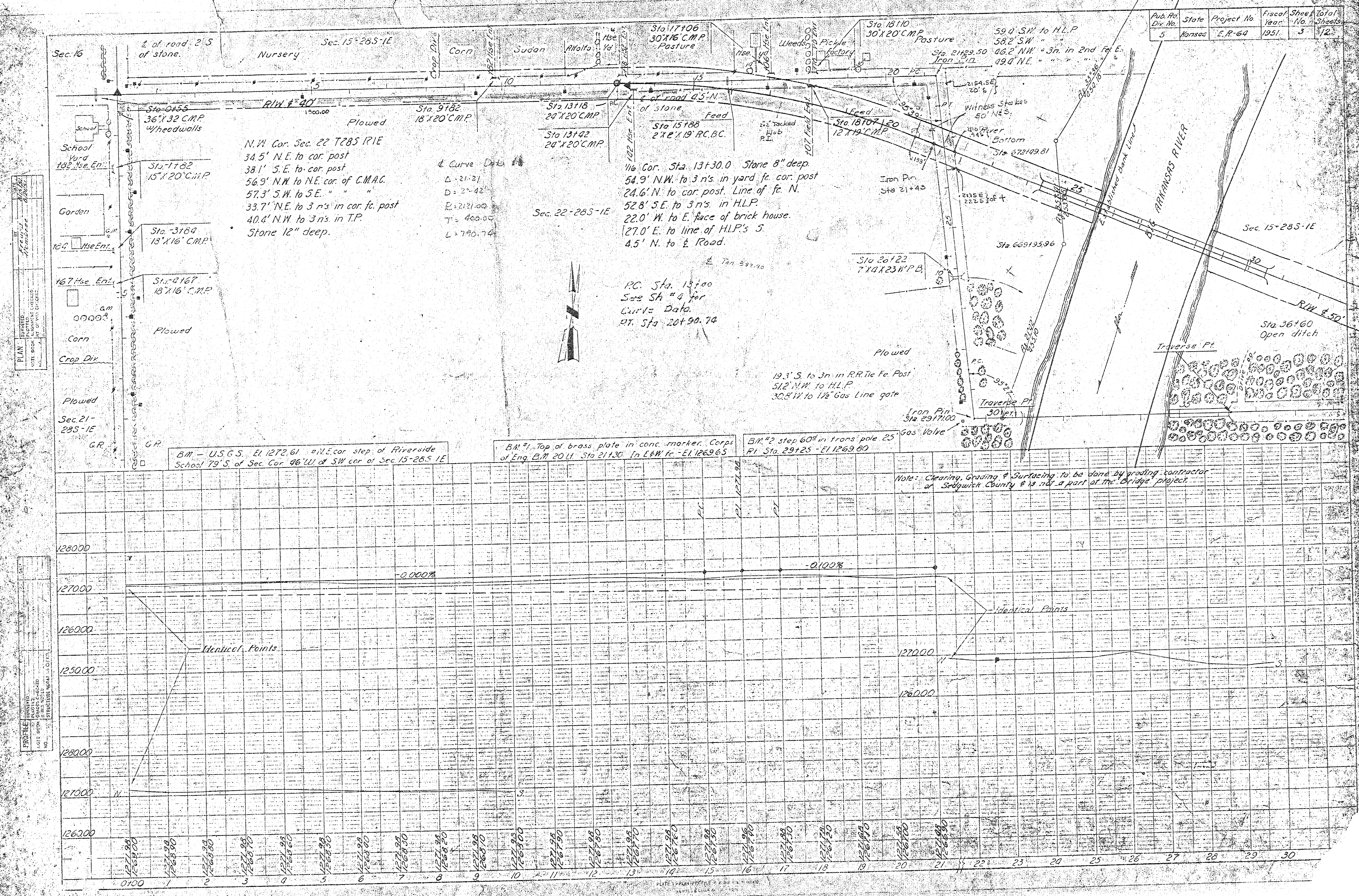
BENCH MARKS

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





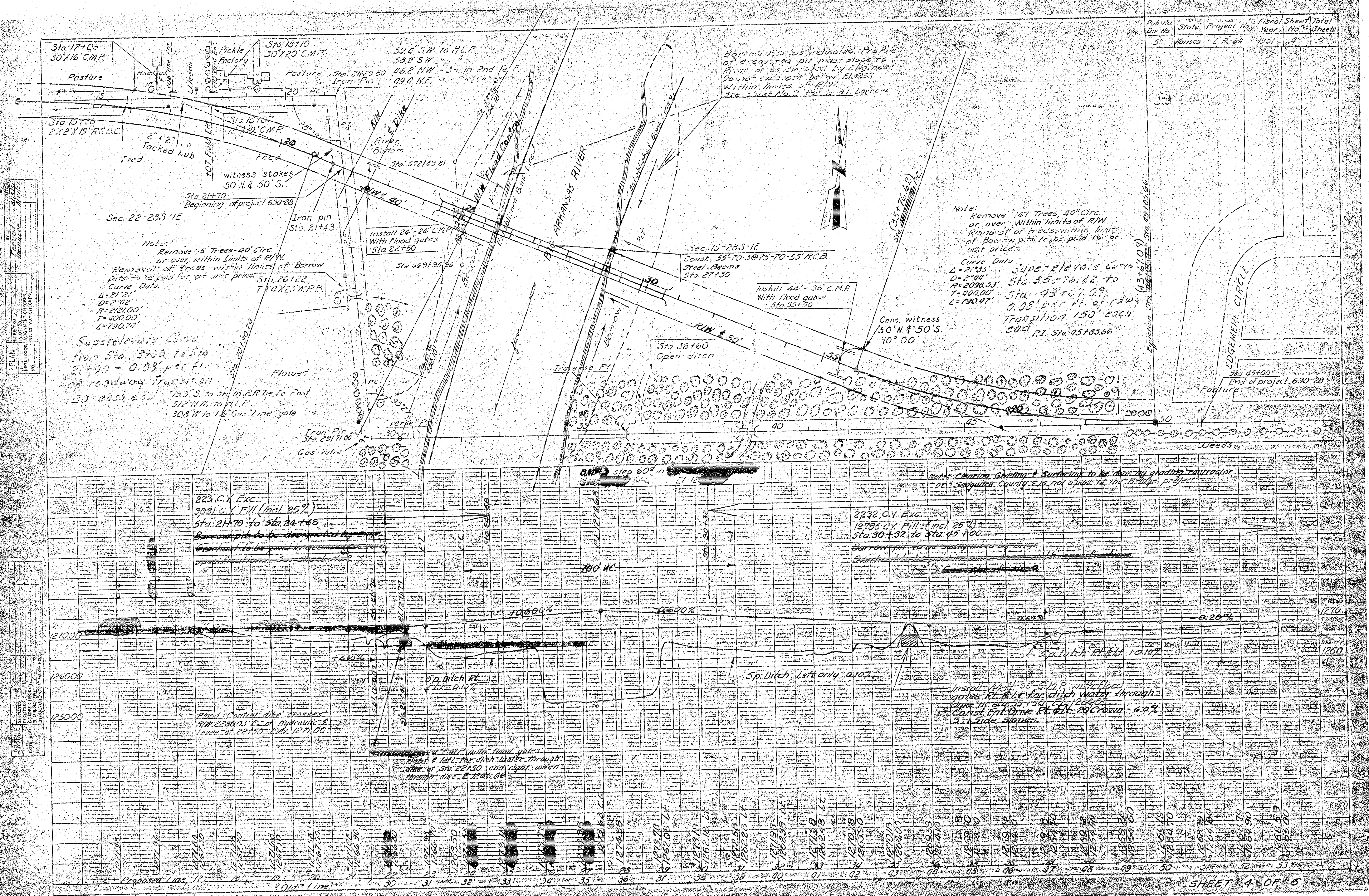
Pub. No.	State	Project No.	Fiscal Year	Sheet No.	Total Sheets
5	Kansas	C.R. 64	1951	3	12

PLAN	DATE	BY	CHECKED
BRIDGE	1951	J. H. HARRIS	J. H. HARRIS
NOTE BOOK			
NO. 1			

PROFILE	DATE	BY	CHECKED
BRIDGE	1951	J. H. HARRIS	J. H. HARRIS
NOTE BOOK			
NO. 1			

PLAN	Sheet No.	1
SECTION	Sheet No.	1
TABLE	Sheet No.	1

TABLE	Sheet No.	1
TABLE	Sheet No.	1
TABLE	Sheet No.	1



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