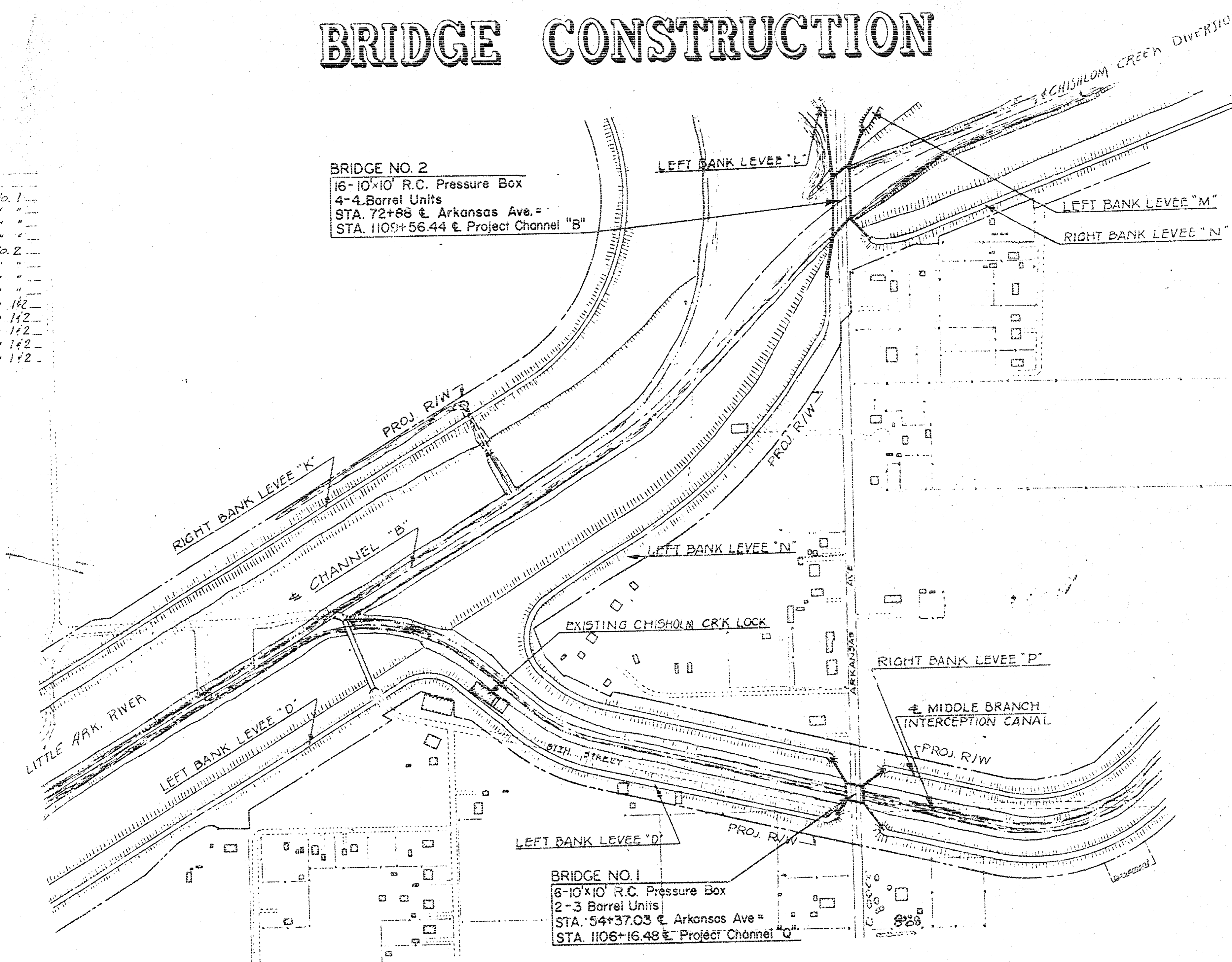


SEDGWICK COUNTY, KANSAS BRIDGE CONSTRUCTION

INDEX

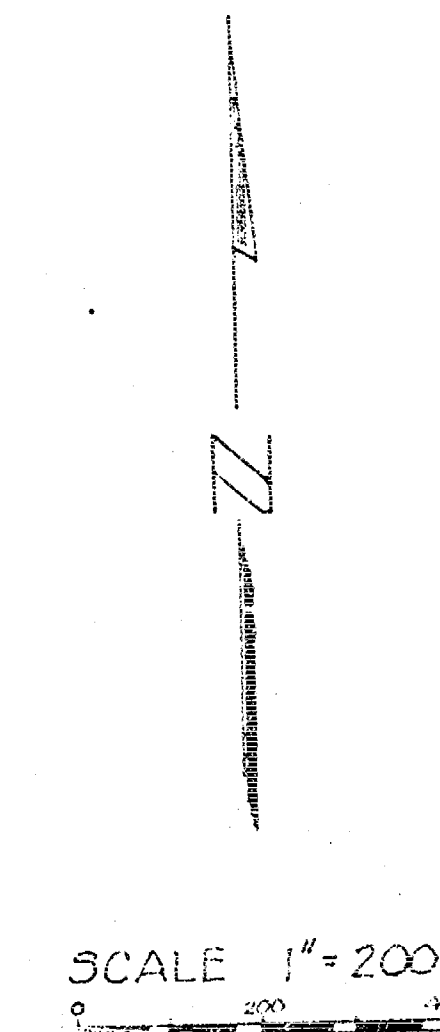
SHEET NO.	TITLE
1	Title Sheet & Location
2	Plan & Profile
3	Constn. Layout
4	Box Sections
5	Reinf. Details
6	Wing Wall Details
7	Constn. Layout
8	Box Sections
9	Reinf. Details
10	Wing Wall Details
11	Auxiliary Details
12	Misc. Details
13	Pavement Details
14	"
15	"



BRIDGE NO. 2
16-10'x10' R.C. Pressure Box
4-4 Barrel Units
STA. 72+88 ± Arkansas Ave.
STA. 1105+56.44 ± Project Channel "B"

BRIDGE NO. 1
6-10'x10' R.C. Pressure Box
2-3 Barrel Units
STA. 54+37.03 ± Arkansas Ave.
STA. 1106+16.48 ± Project Channel "O"

PLANS PREPARED BY
MERLE E. SCHWAB
CIVIL ENGINEERS
- WICHITA -



RECOMMENDED FOR APPROVAL:

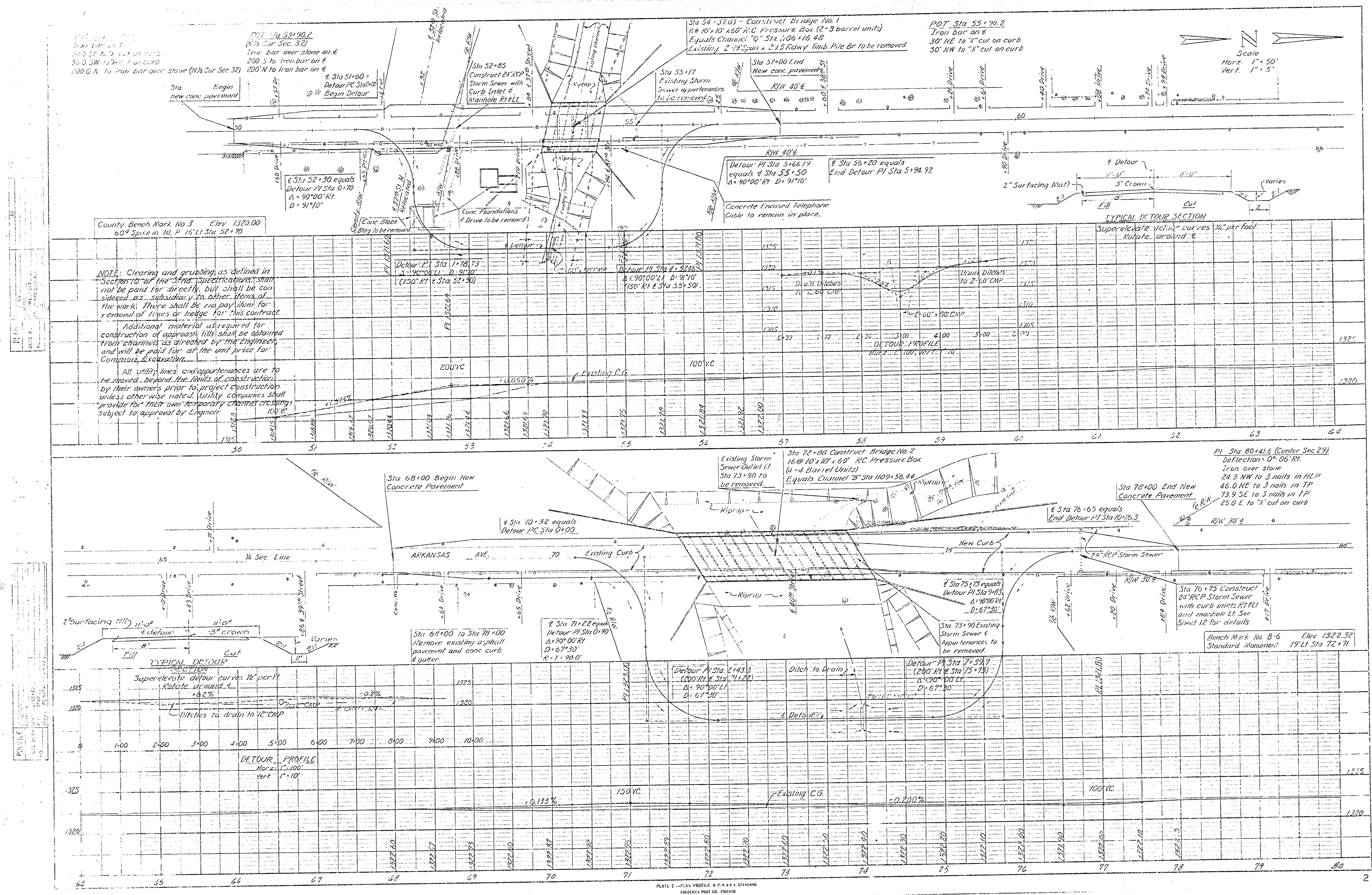
Merle E. Schwab Date May 31
Merle E. Schwab
CIVIL ENGINEERS

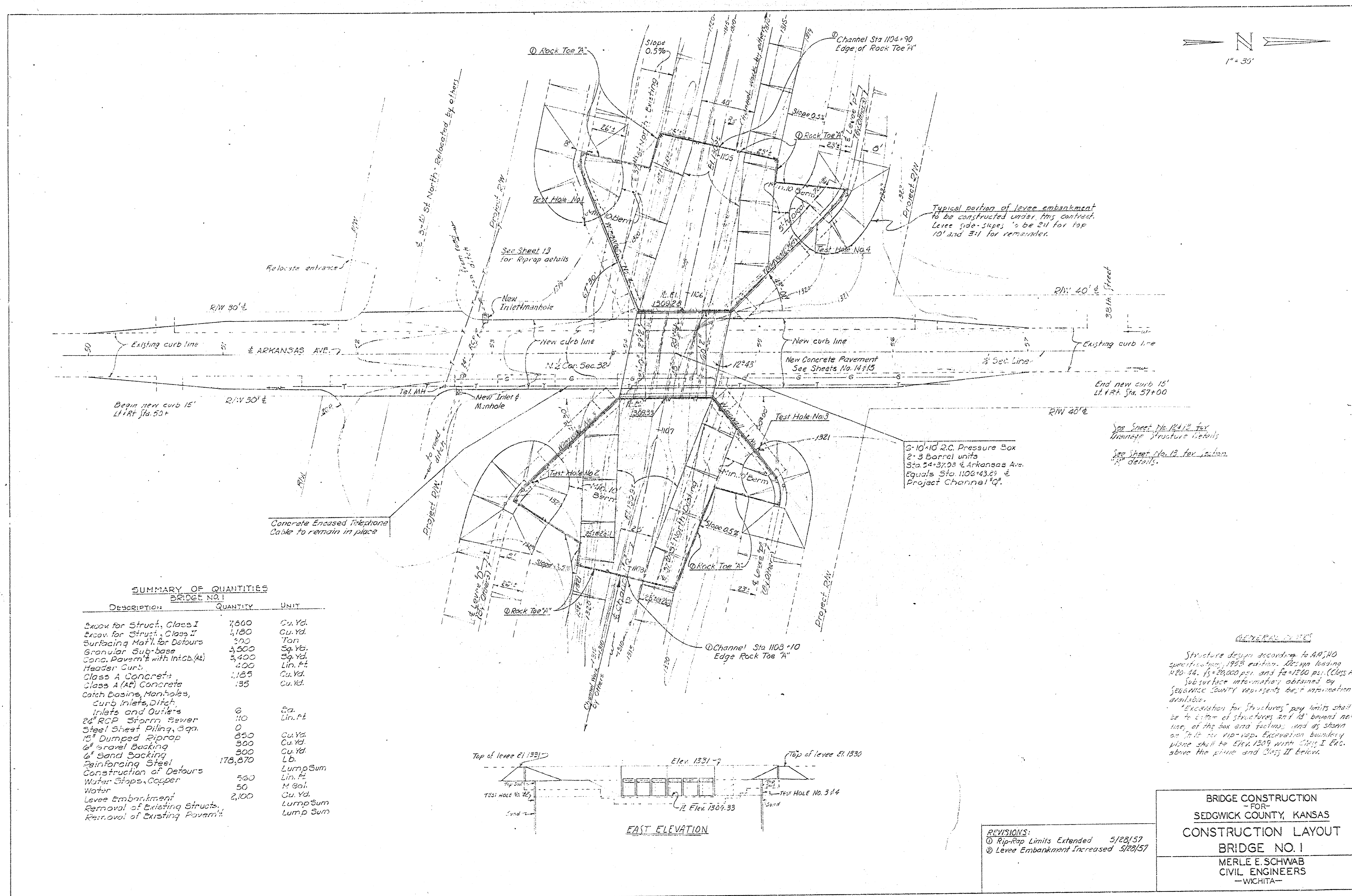
APPROVED: *Robert E. Kink* Date July 1, 1957
COUNTY ENGINEER

APPROVED: _____ Date _____
For District Engineer, CORPS OF ENGRS., TULSA DISTRICT

APPROVED: _____ Date _____
For KANSAS STATE HIGHWAY COMMISSION,
Dept. of Secondary Roads.

PLANS AND SPECIFICATIONS REVIEWED AND APPROVED:
Robert E. Kink Date June 1, 1957
COUNTY COUNSELLOR





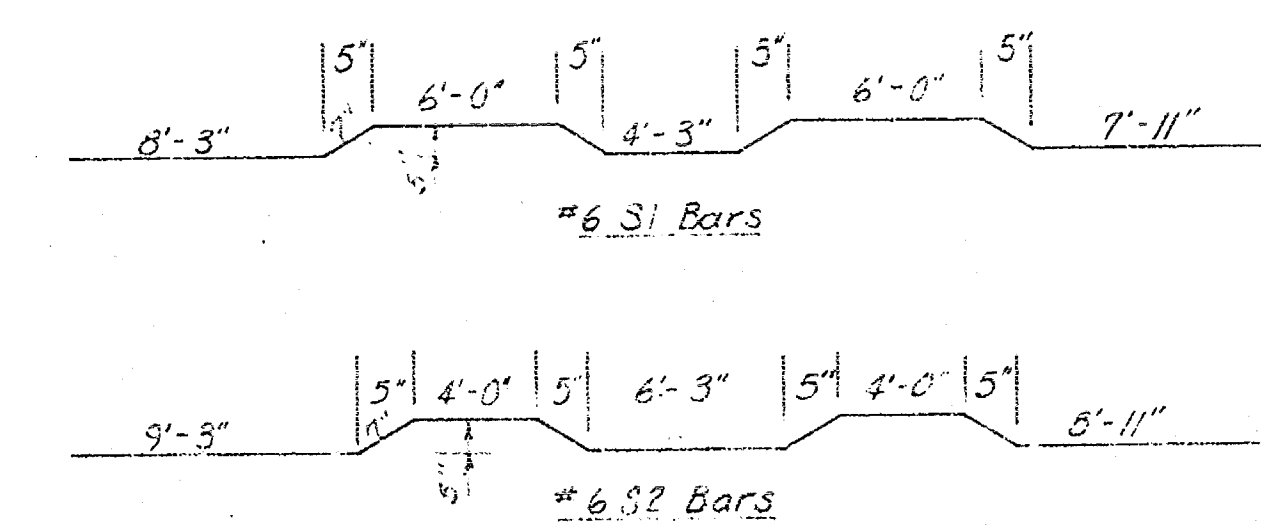
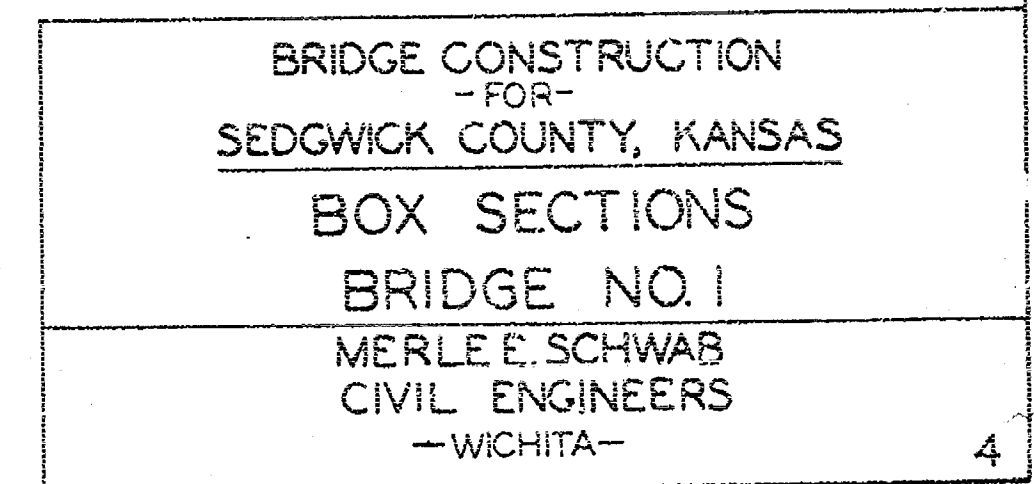
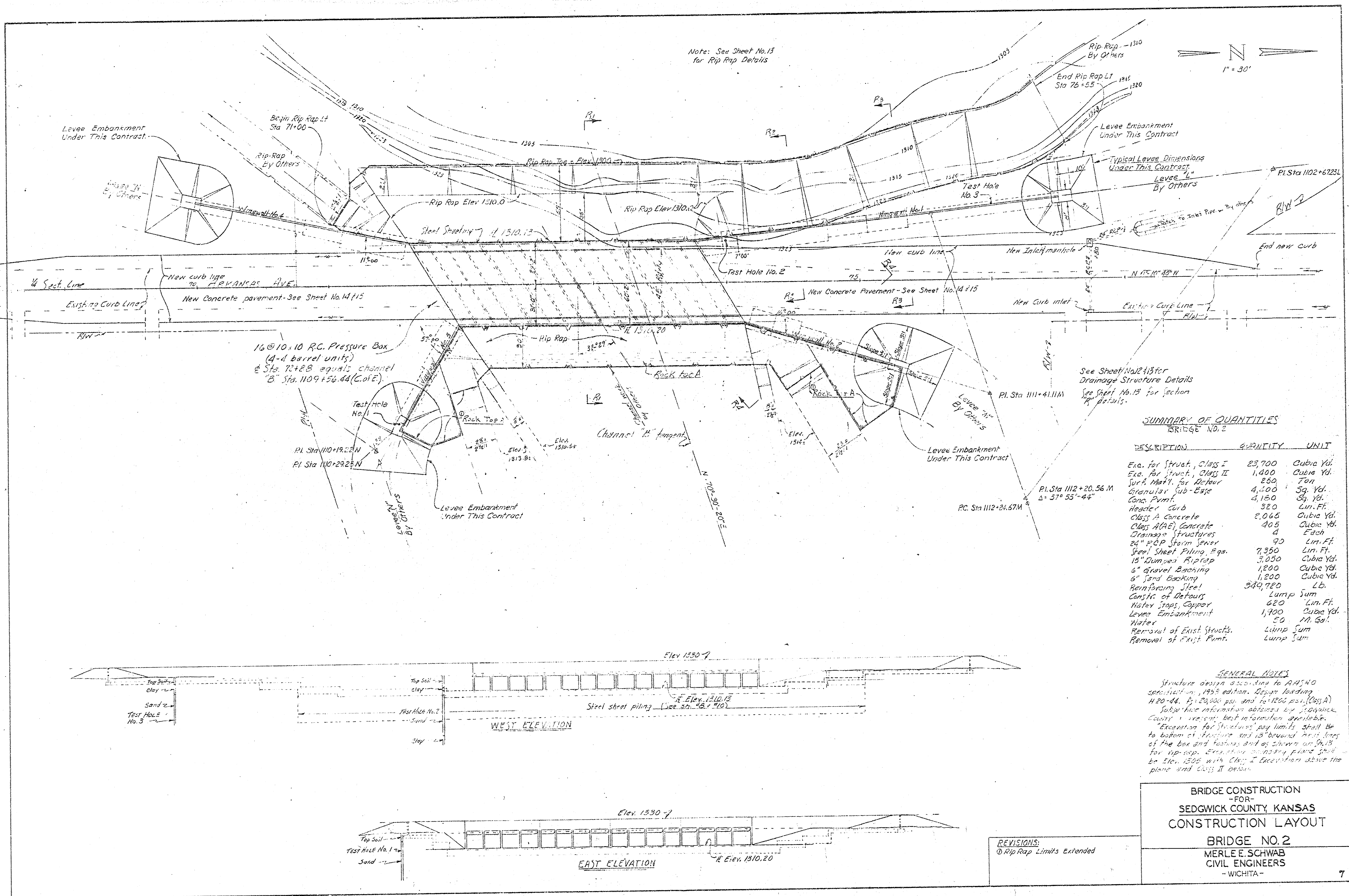


Diagram of a right-angled triangle with a horizontal base of 4'-3" and a vertical height of 1'-2". The hypotenuse is labeled 4'-9".





SUMMARY OF QUANTITIES BRIDGE NO. 2

DESCRIPTION	QUANTITY	UNIT
Exc. for Struct., Class I	23,700	Cubic Yd.
Exc. for Struct., Class II	1,400	Cubic Yd.
Exc. for Mat'l. for Culvert	850	Ton
Granular Sub-Base	4,400	Sq. Yd.
Conc. Pmt.	4,150	Sq. Yd.
Header Curb	320	Lin. Ft.
Class A Concrete	2,065	Cubic Yd.
Class A Rein. Concrete	405	Cubic Yd.
24" R.C.P. Storm Sewer	90	Lin. Ft.
Steel Sheet Piling, Eqa.	7,350	Lin. Ft.
15" Dumped Riprap	3,050	Cubic Yd.
6" Gravel Backing	1,200	Cubic Yd.
6" Sand Backing	1,200	Cubic Yd.
Reinforcing Steel	340,720	Lb.
Costs of Details		Lump Sum
Water Traps, Copper	620	Lin. Ft.
Levee Embankment	1,700	Cubic Yd.
Water	50	M. Gal.
Removal of Exist. Structs.		Lump Sum
Removal of Exist. Pmt.		Lump Sum

GENERAL NOTES

Structure design according to AWS-40 specifications, 1955 edition. Design loading H-20-44, 15,000 lbs. and 10,000 lbs. (WS-44). Allow live load reduction as per AWS-40. County Engineer's best information available. Excavation for structure pay limits shall be to bottom of structure and 15' below rest of the box and bottom and as shown on plans for rip rap. Excavation for rip rap shall be to elev. 1306 with Class I Excavation above the plane and Class II below.

