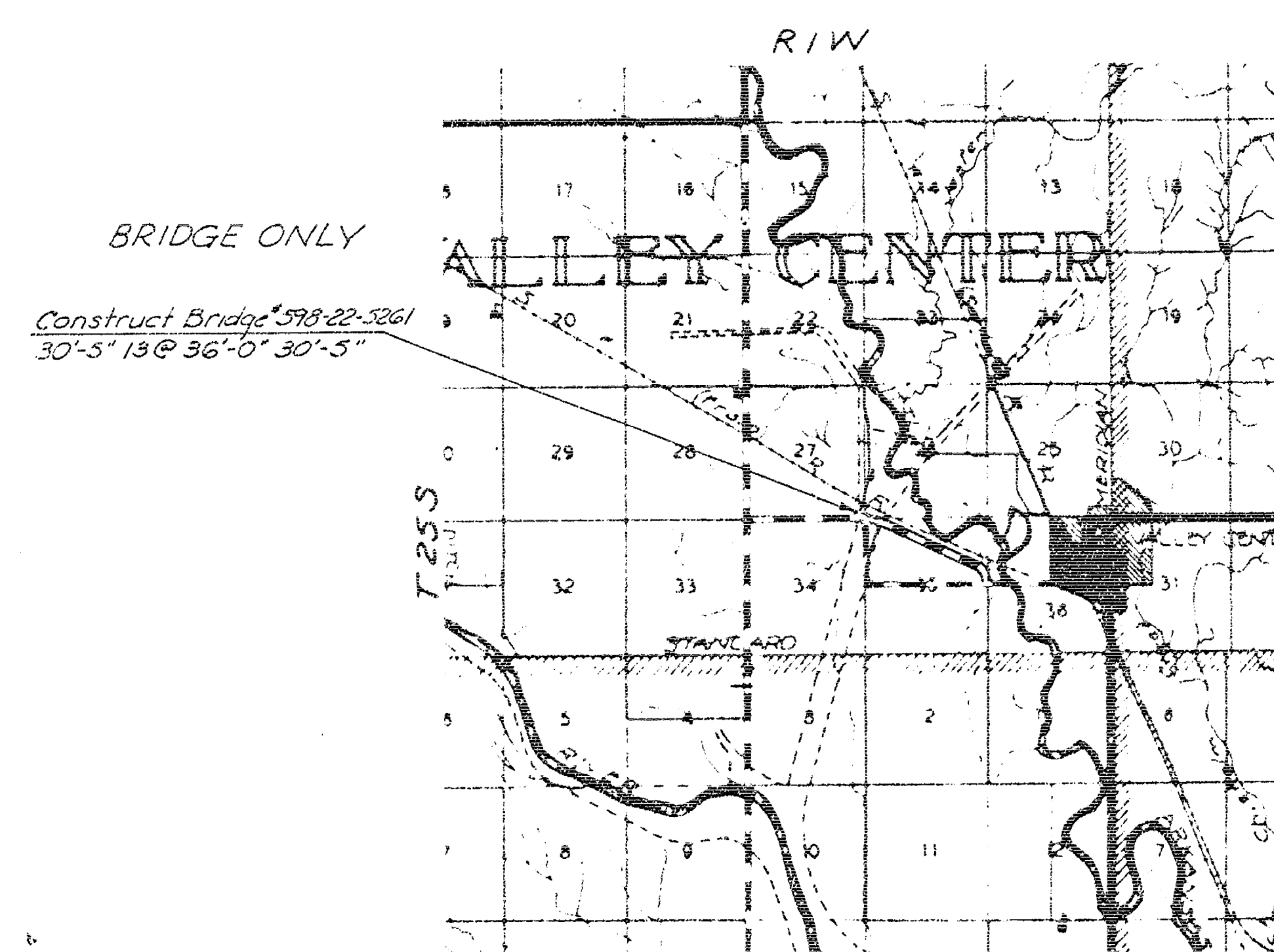
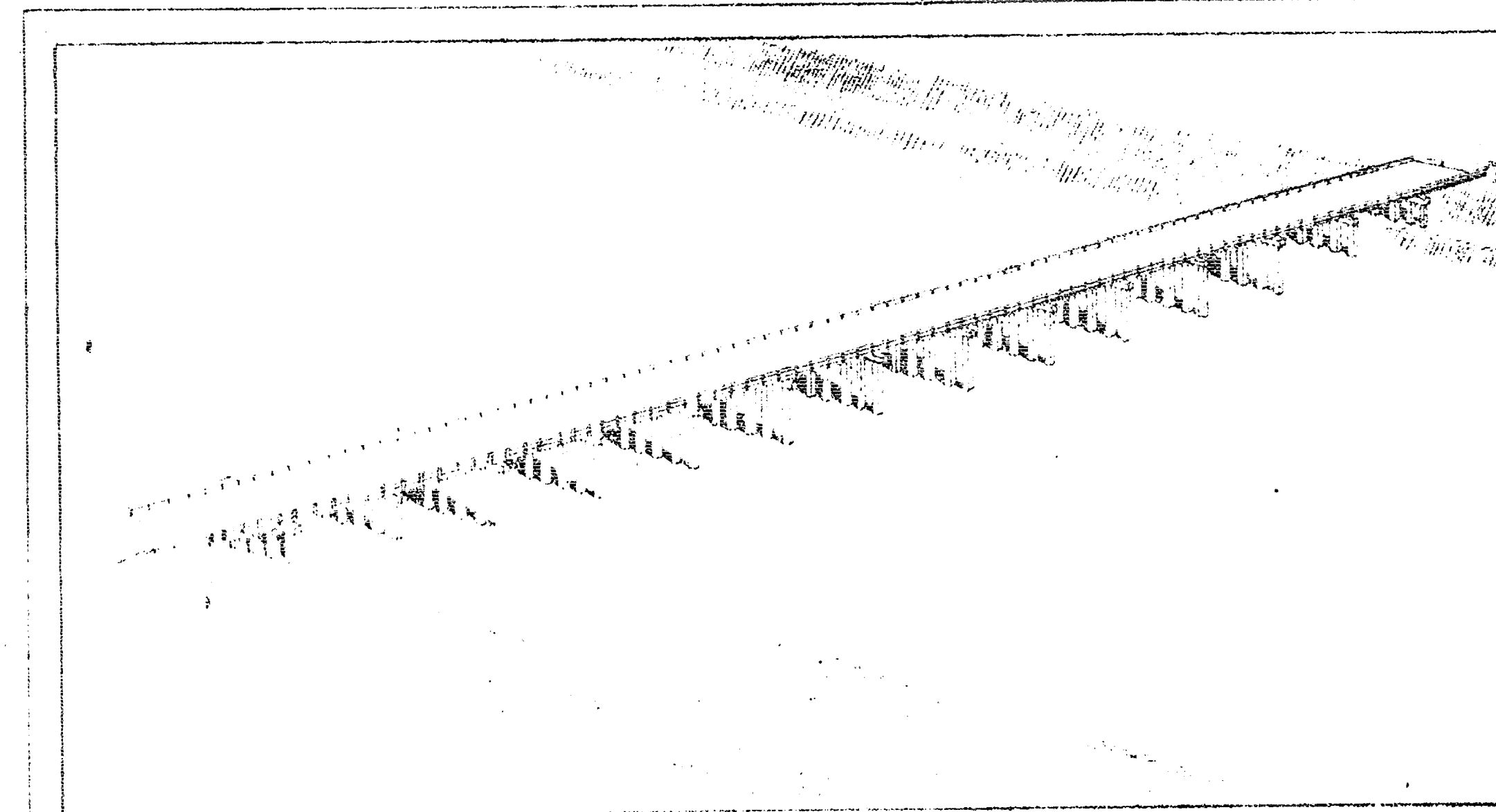


Pub. Rd. Div. No.	State	Project No.	Fiscal Year	Sheet No.	Total Sheets
	Kansas			1	10

STATE OF KANSAS STATE HIGHWAY COMMISSION SEDGWICK COUNTY PLAN AND PROFILE

INDEX OF SHEETS

Sheet No. 1	Title Sheet
Sheet No. 2	Topography
Sheet No. 3	Plan & Profile
Sheet No. 4	Plan & Profile
Sheet No. 5	Construction Layout
Sheet No. 6	Location of Abutments in Levees
Sheet No. 7	General Details
Sheet No. 8	Auxiliary Details
Sheet No. 9	Reinforcing Details
Sheet No. 10	Piling Details



Scale 1" = 1 mi.

CONVENTIONAL SIGNS

COUNTY LINE	----
SECTION LINE	-----
WIRE FENCE	-----x-----
HEDGE ROW	-----w-----
RAILROAD	-----+-----
SURVEY LINE	-----s-----
RIGHT OF WAY	=====
TELEPHONE	-----o-----
POWER POLE	-----x-----
TRAVELED WAY	-----w-----
CITY LIMITS	-----c-----
TOWNSHIP BOUNDARY	-----t-----

GROSS LENGTH OF PROJECT 532.75 FT.
EXCEPTIONS NONE
ADDITIONS NONE
NET LENGTH OF PROJECT 532.75 FT.
NET LENGTH OF BRIDGES 532.75 FT.

PLANS PREPARED BY:

<i>Paul S. Smith</i>
COUNTY ENGINEER
DATE

APPROVED:

COUNTY COMMISSIONER
DATE

RECOMMENDED FOR APPROVAL DATE

ENGINEER OF SECONDARY ROADS STATE HIGHWAY COMMISSION OF KANSAS

APPROVED DATE

STATE HIGHWAY ENGINEER STATE HIGHWAY COMMISSION OF KANSAS

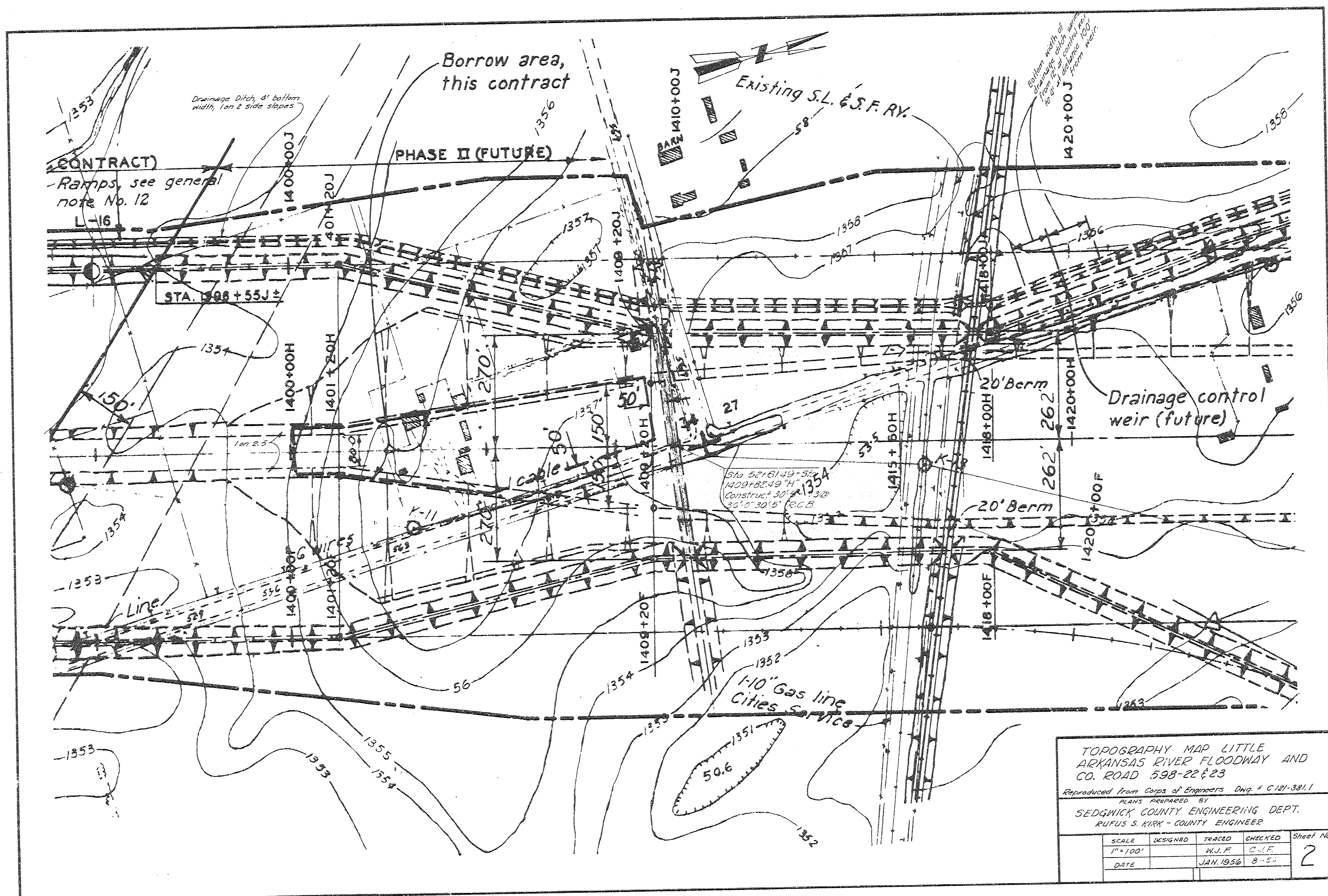
RECOMMENDED FOR APPROVAL DATE

DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY

APPROVED DATE

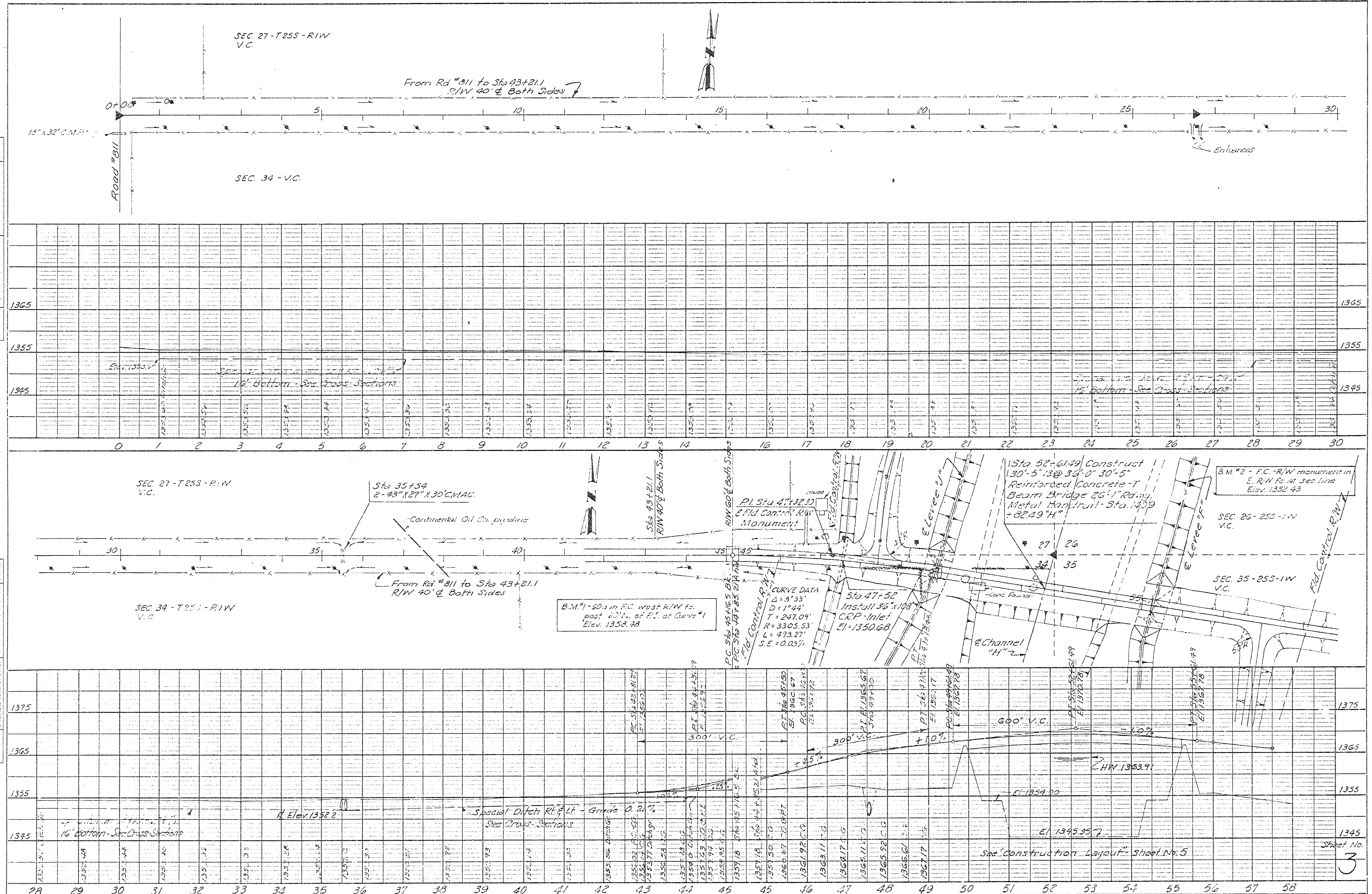
DIVISION ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY

Valley



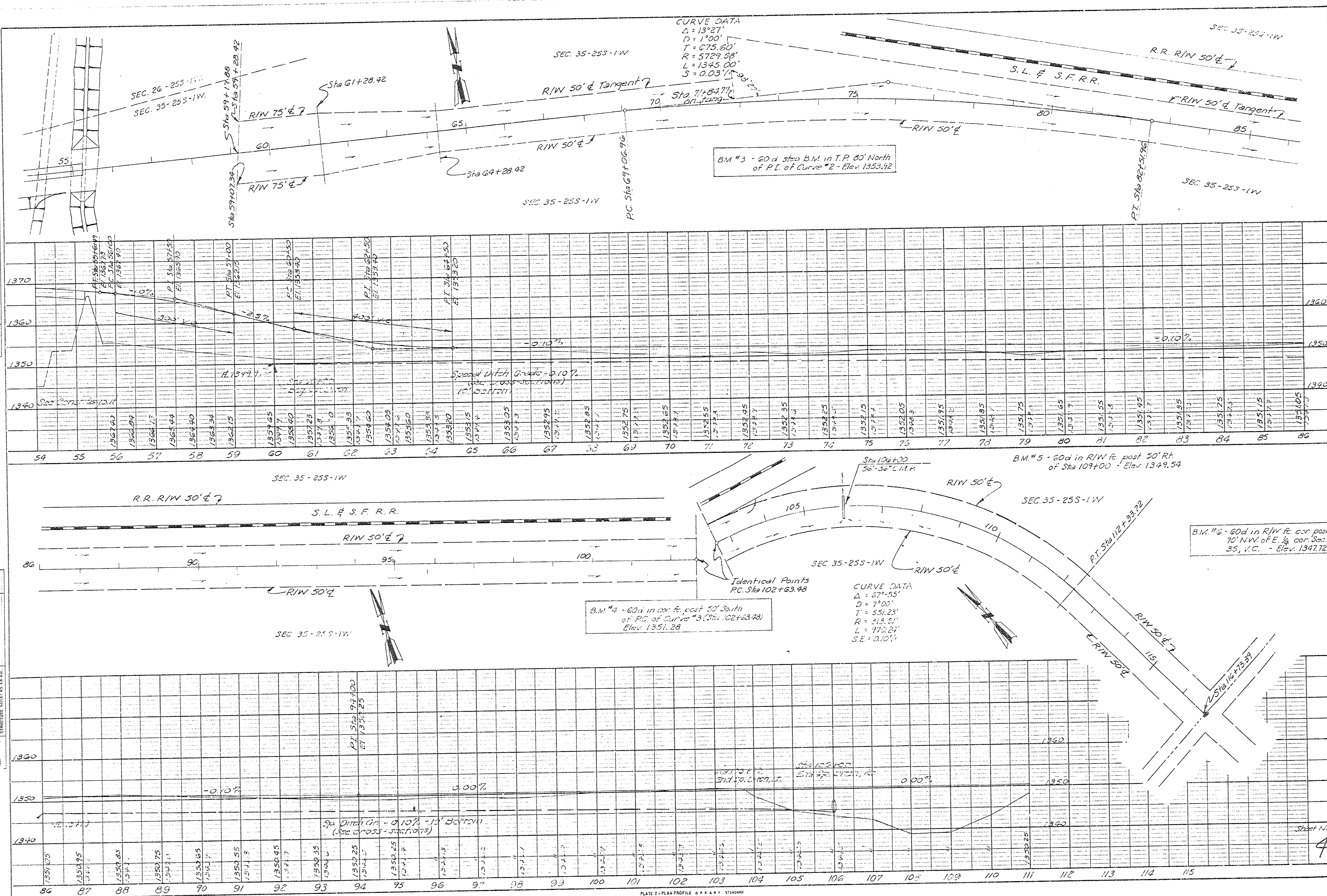
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PROJECT
SHEET NO. 3
SHEET TITLE
SHEET NO. 3

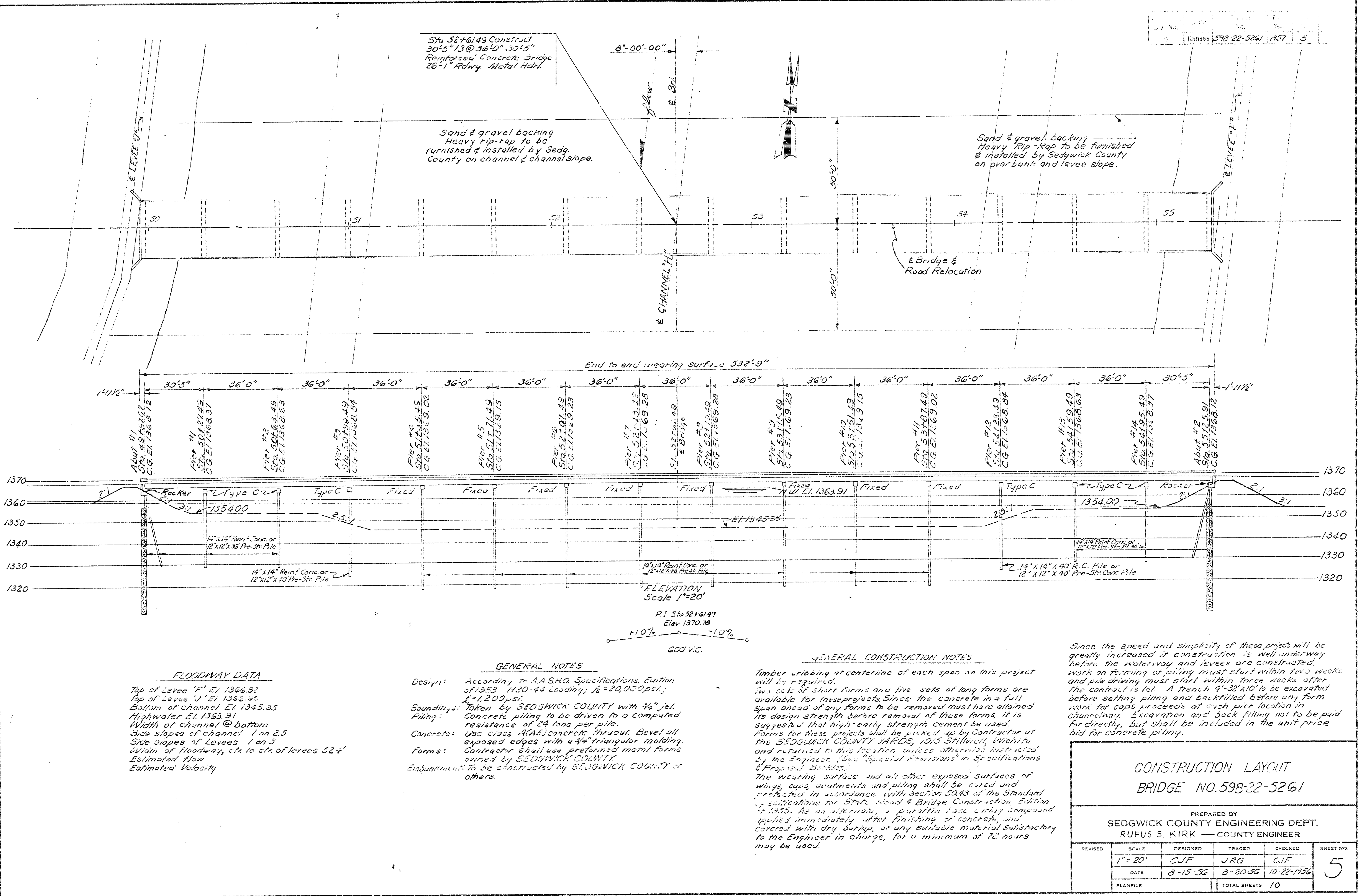
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SHEET NO. 3
SHEET TITLE
SHEET NO. 3

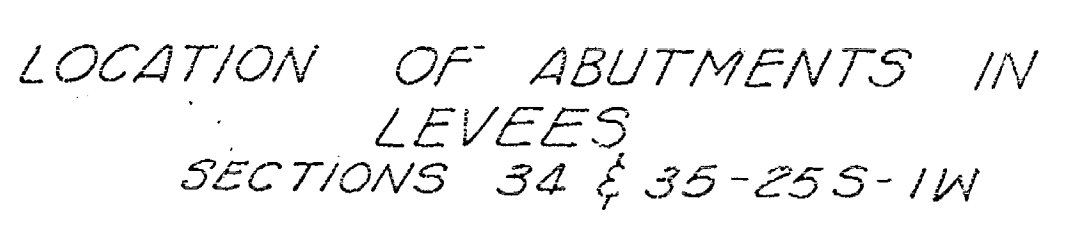


PLAN	DATE	BY
	PROJECT	BY
PROFILE	DATE	BY
	PROJECT	BY

PLAN	DATE	BY
	PROJECT	BY
PROFILE	DATE	BY
	PROJECT	BY





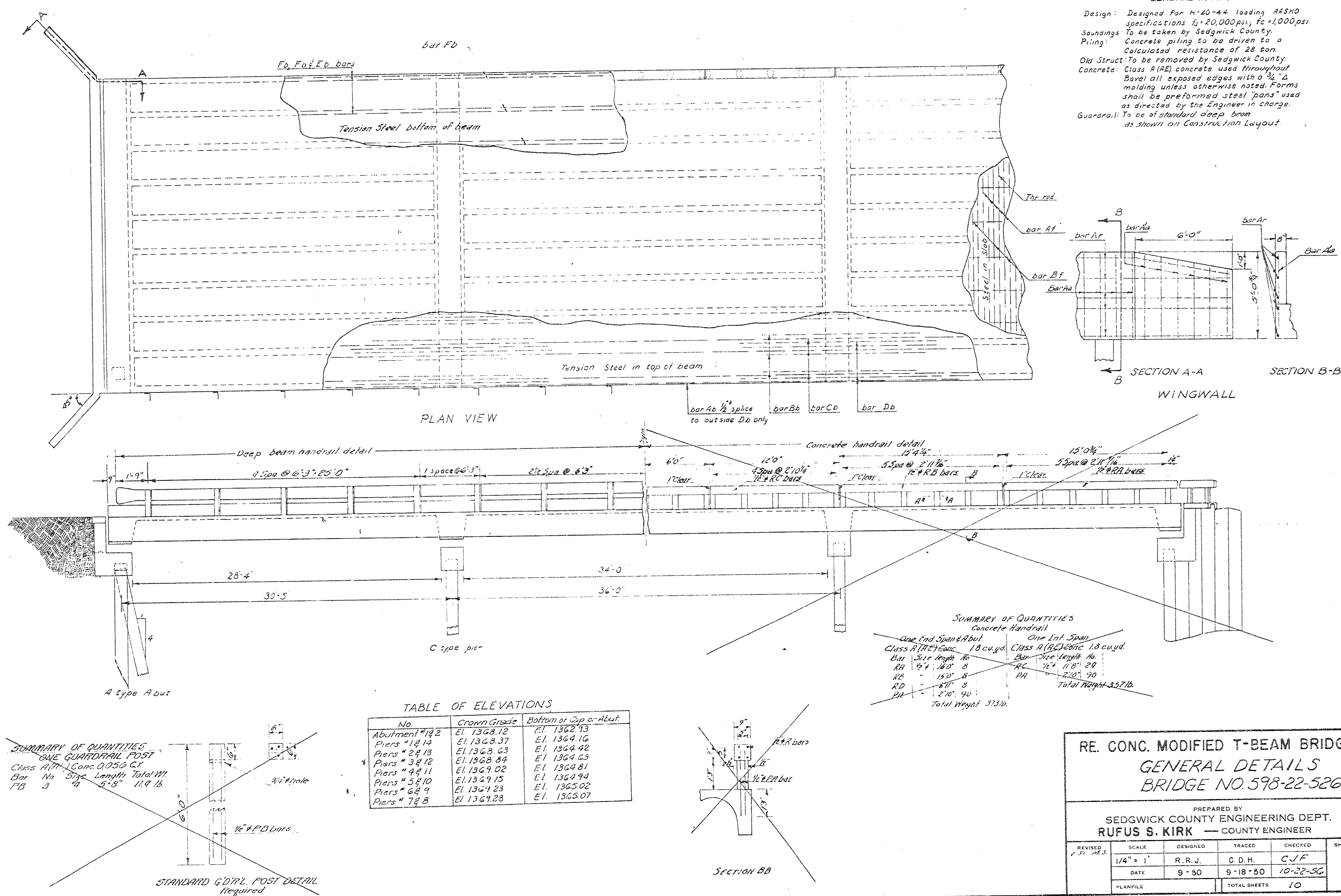


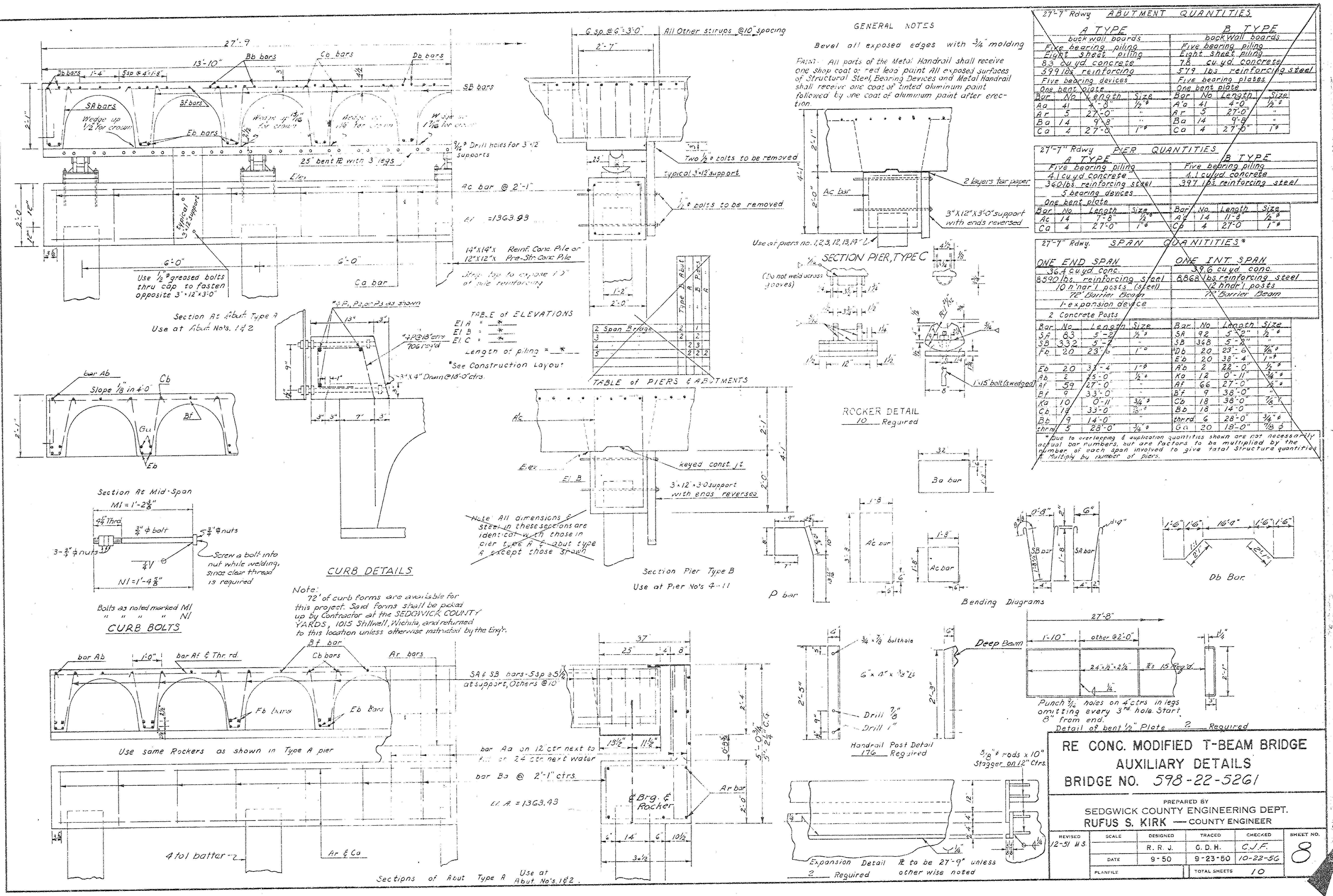
PREPARED BY
SEDGWICK COUNTY ENGINEERING DEPT.
RUFUS S. KIRK — COUNTY ENGINEER

REVISED	SCALE	DESIGNED	TRACED	CHECKED	SHEET NO. 6
	1" = 10'	M.S.M.	W.J.F.	W.J.F.	
	DATE	3-56	9-56	9-56	
	PLANFILE		TOTAL SHEETS 10		

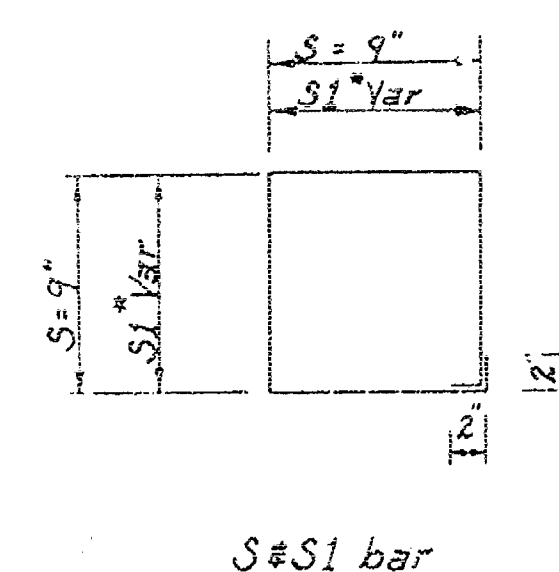
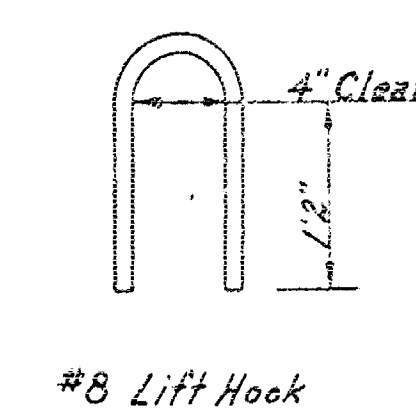
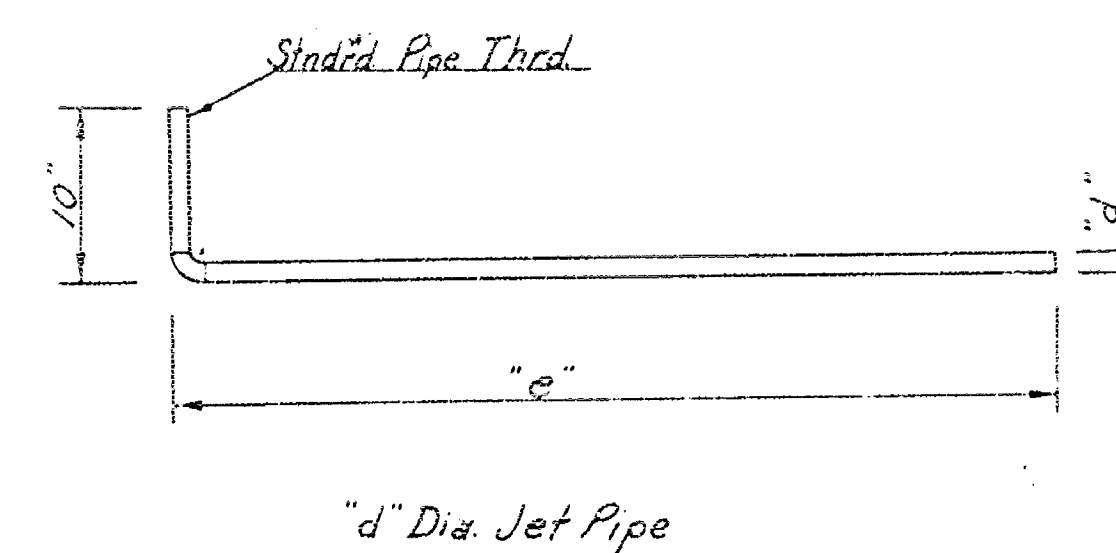
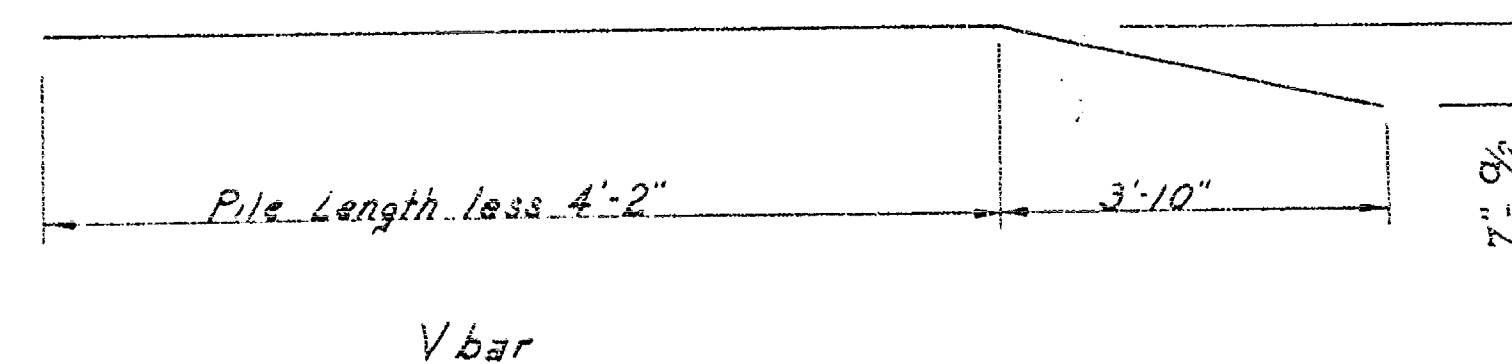
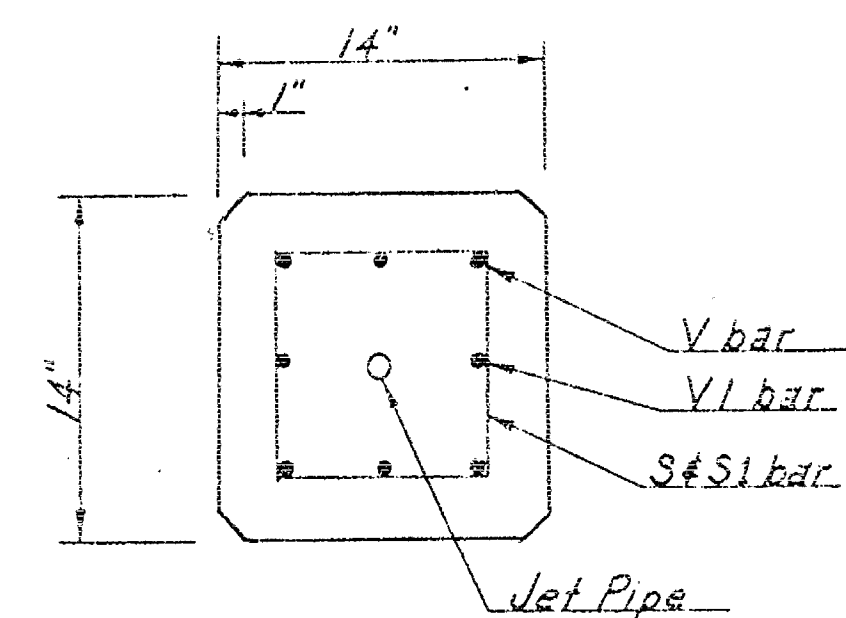
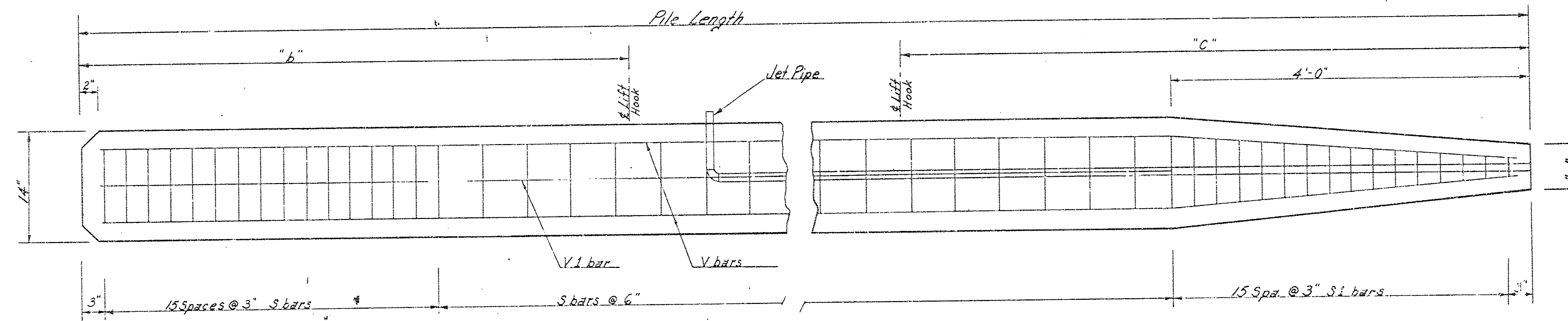
598-22623

Sht. # 6 of 10





Pub. Rd. Dist. No.	State	Project No.	Fiscal Year	Sheet No.	Total Sheets
5	Kansas				



*S1-15 bars, increase from "x" to "y" by "z" increments

General Notes

Design: According to AASHTO Specifications, 1949 Edition, $f_c = 12,000 \text{ psi}$, $f_s = 100,000 \text{ psi}$.
Concrete: Use class A throughout if piling are to be encased or otherwise protected. Use class A (AE) if piling are to form open bent, unless otherwise noted.
Reinforcing: All dimensions are to center of bars unless otherwise noted.
Jet Pipe: Standard pipe of Dimensions shown unless otherwise approved by Engineer.
Curing: Piling shall be left in forms or otherwise properly cured for at least 7 days. Piling shall not be moved until concrete has attained its design strength or a minimum of 4 weeks after casting.
Payment: The cost of material and labor used for casting and driving of piles shall be included in the unit bid for concrete piles.
Handling: Piling shall only be lifted by handling hooks or by rigging within 18" of hook location.

Pile Length	20'-6"	24'-6"	28'-6"	32'-6"	36'-6"	40'-6"
Bar	Size	Length	No.	Size	Length	No.
V	#7	20'-6"	4	#7	24'-6"	4
VI	#2	3'-4"	41	#2	3'-4"	49
S	#2	Var.	15	#2	Var.	15
S1	#2	Var.	15	#2	Var.	15
Lift Hook	#8	3'-0"	2	#8	3'-0"	2
Jet Pipe	#8	3'-0"	2	#8	3'-0"	2
a	6"	6"	6"	6"	6"	6"
b	6'-0"	7'-2"	8'-4"	9'-6"	10'-8"	11'-10"
c	8'-0"	9'-2"	10'-4"	11'-6"	12'-8"	13'-10"
d	8'-0"	9'-2"	10'-4"	11'-6"	12'-8"	13'-10"
e	8'-0"	9'-2"	10'-4"	11'-6"	12'-8"	13'-10"
x-y	3'-4" to 8'-4" by 3'-4"	3'-4" to 8'-4" by 3'-4"	3'-4" to 8'-4" by 3'-4"	3'-4" to 8'-4" by 3'-4"	3'-4" to 8'-4" by 3'-4"	3'-4" to 8'-4" by 3'-4"
Concrete	7.4 Cu. Yds.	11.4 Cu. Yds.	15.4 Cu. Yds.	19.4 Cu. Yds.	23.4 Cu. Yds.	27.4 Cu. Yds.
Rebar	20.9 Lbs.	24.9 Lbs.	28.9 Lbs.	32.9 Lbs.	36.9 Lbs.	40.9 Lbs.

Pile Length	37'-0"	40'-0"	43'-0"	46'-0"	49'-0"	52'-0"
Bar	Size	Length	No.	Size	Length	No.
V	#6	36'-8"	4	#6	40'-8"	4
VI	#6	33'-0"	4	#6	37'-0"	4
S	#2	3'-4"	15	#2	3'-4"	15
S1	#2	Var.	15	#2	Var.	15
Lift Hook	#8	3'-0"	2	#8	3'-0"	2
Jet Pipe	#8	3'-0"	2	#8	3'-0"	2
a	10"	10"	10"	10"	10"	10"
b	10'-10"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"
c	11'-11"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"
d	11'-11"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"
e	11'-11"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"
x-y	5'-4" to 8'-4" by 3'-4"	5'-4" to 8'-4" by 3'-4"	5'-4" to 8'-4" by 3'-4"	5'-4" to 8'-4" by 3'-4"	5'-4" to 8'-4" by 3'-4"	5'-4" to 8'-4" by 3'-4"
Concrete	1.82 Cu. Yds.	2.43 Cu. Yds.	3.04 Cu. Yds.	3.65 Cu. Yds.	4.26 Cu. Yds.	4.87 Cu. Yds.
Rebar	48.2 Lbs.	55.6 Lbs.	63.0 Lbs.	70.4 Lbs.	77.8 Lbs.	85.2 Lbs.

14"x14" Re. Conc. Piling
BRIDGE NO. 598-22-5261

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

REVISION	SCALE	DESIGNED	TRACED	CHECKED	SHEET NO.
		Schwab	Housman	C.J.F.	10
		DATE	12-51	1-52	10-22-50
		PLANFILE	TOTAL SHEETS	10	