

DATE July 8, 1954

SUBJECT Topographical survey;
West bank, big Arkansas
River

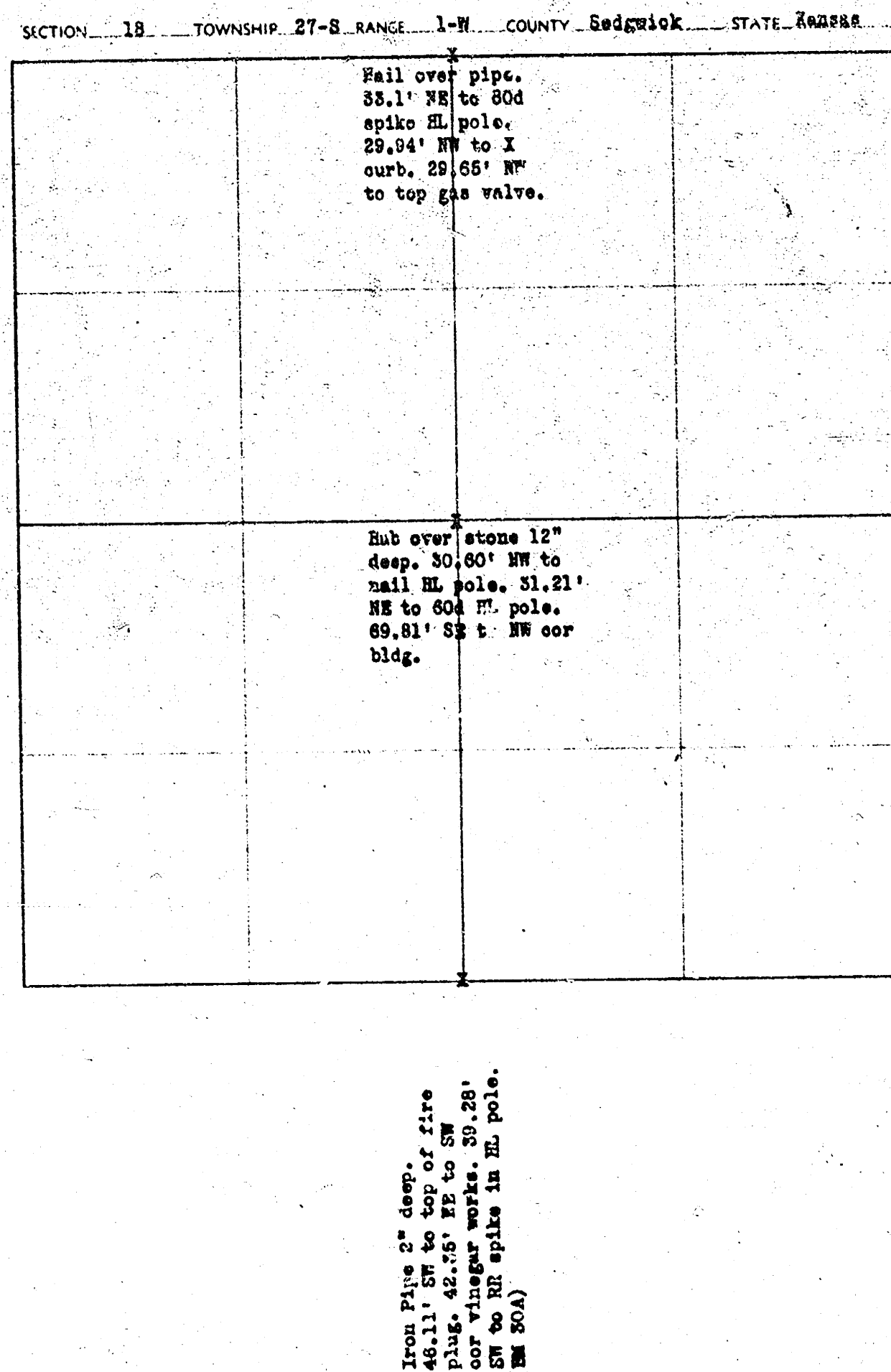
Also included is information relative to the "benchmarks" as established by Shay et al. from 21st Street southeasterly along river. This information indicates the elevation of the "benchmarks".

Also included is information relative to the various section corners and ties for the traverse. I trust that this information will be of some value to you.

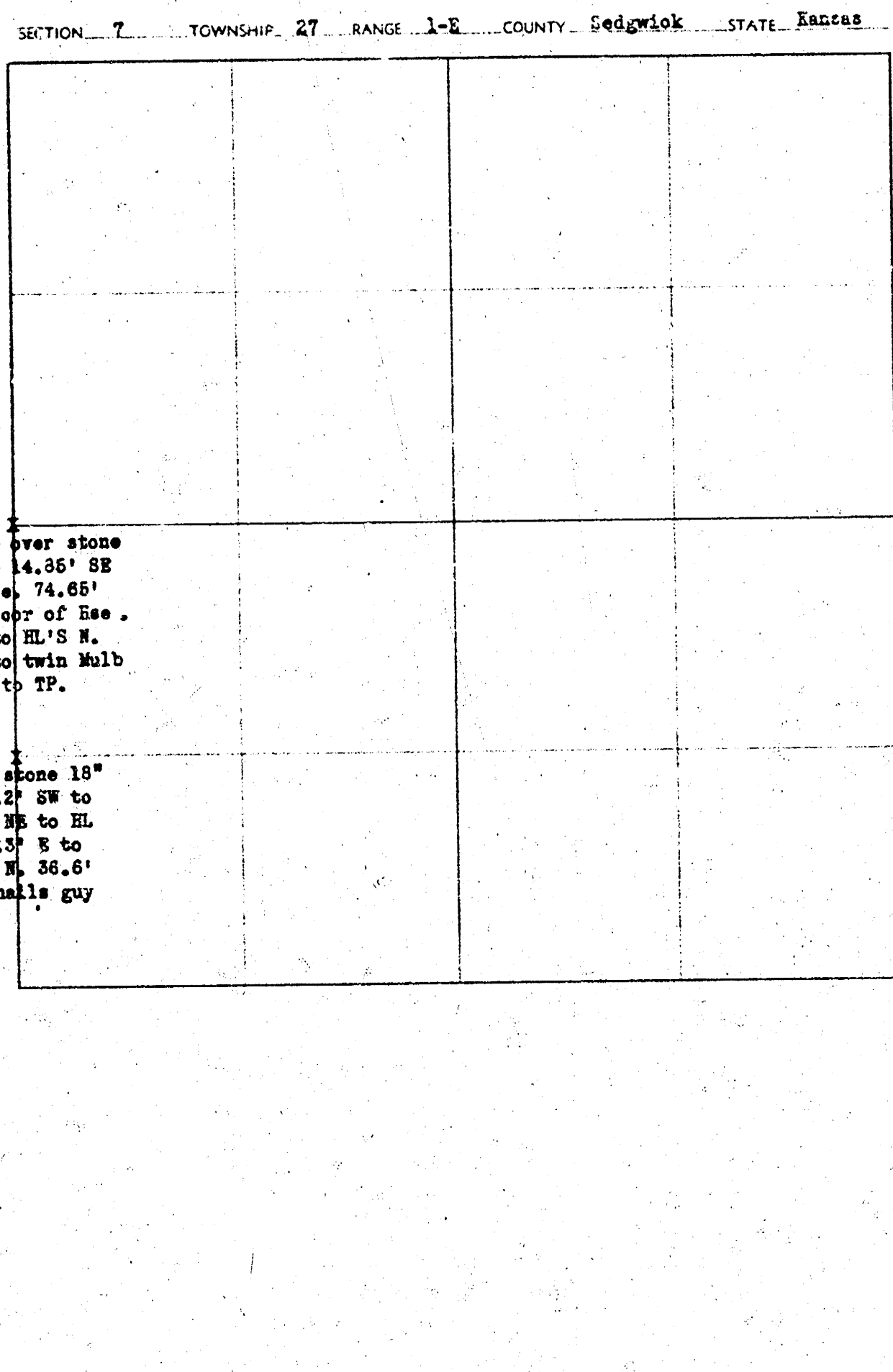
Sam Via
J. Thomas Via,
PLANNING DIRECTOR

JTV:jr

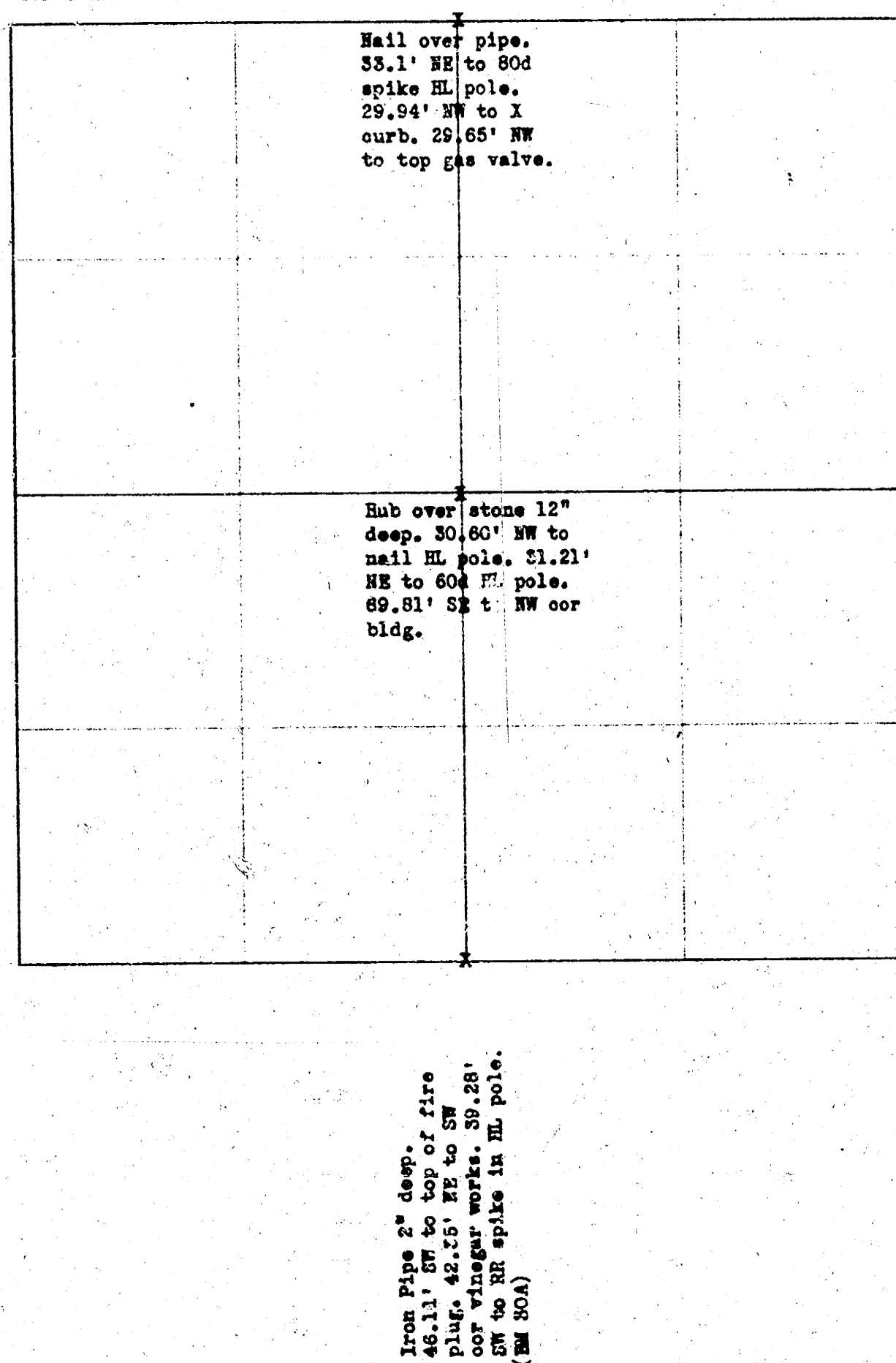
<u>Anchor No.</u>	<u>Description and Location</u>	<u>Elevation</u>
PG-BA #14	Mark is a 3/8 inch bolt in K&S8 highline pole #1327 at the Indian Hills Addition, pole is east of a brick fronted house located about 0.25 miles south of 13th.	1305.98
PG-BA #15	Mark is a single 60d spike in a K&S8 highline pole at the NW corner of 11th Street and Jewland Ave. (Black and Veachon BM #37 117.15 plus 1187.88 (1304.43).	1304.42
PG-BA #16	Mark is a double 60d spike in a K&S8 highline pole at the SE corner of 11th and Edwards Streets. (This mark is also a Black & Veachon BM #36 116.78 plus 1187.88 "1304.56")	1304.01
PG-BA #17	Mark is a double 60d spike in K&S8 highline pole #1000 at the NW corner of 9th and Edwards Streets. (This mark is also a Black & Veachon MB 119.28 plus 1187.88 "1306.56")	1306.55
USED T&M E-71	Mark is a HR spike in a K&S8 highline pole on the north side of 9th Street, about 150 feet east of 9th and Edwards Streets.	1305.75
	(Error of closure 0.02 minus, from USGS at 13th Street bridge to USED T&M E-71. Elevations Adjusted.)	
PG-BA #18	Mark is a 3/8 inch bolt in a K&S8 highline pole at the SW corner of 8th and Edwards Streets.	1304.2
PG-BA #19	Mark is a double 60d spike in a K&S8 highline pole at the SE corner of 8th and Edwards Streets. (Mark is also a Black & Veachon BM #33, 116.71 plus 1187.88 "1303.99")	1303.98
CITY BM	"0" in globe west side of Edwards Street, 50 feet south of Central Ave. (Mean sea level elevation 1304.46)	1304.46
	(CITY K&S8, 117.18 plus 1187.88 "1304.46")	
	Note: City Engineers office carries this elevation as 118.75	
	(City Elevation plus 1187.28 equals Mean Sea Level Elevation)	



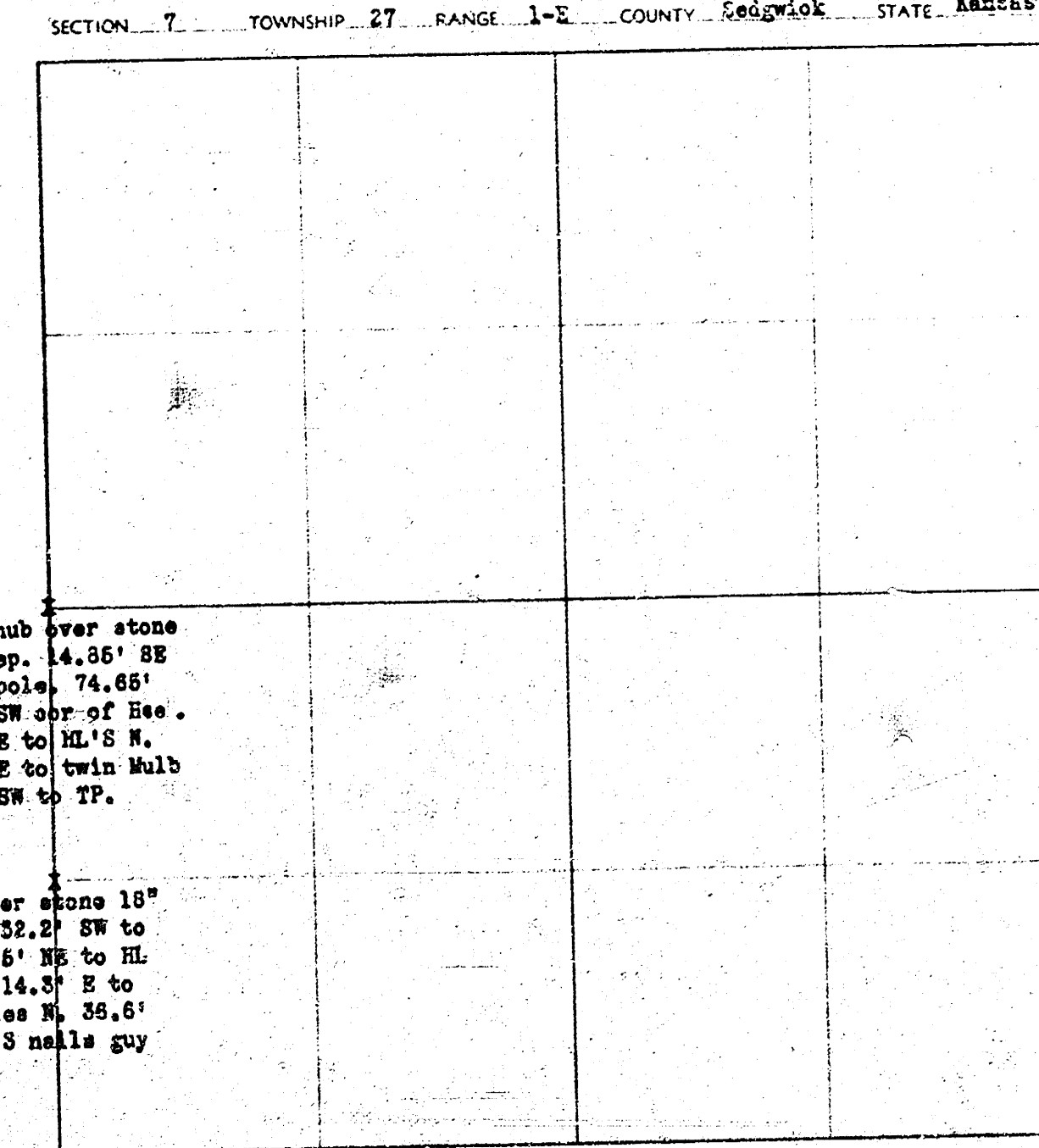
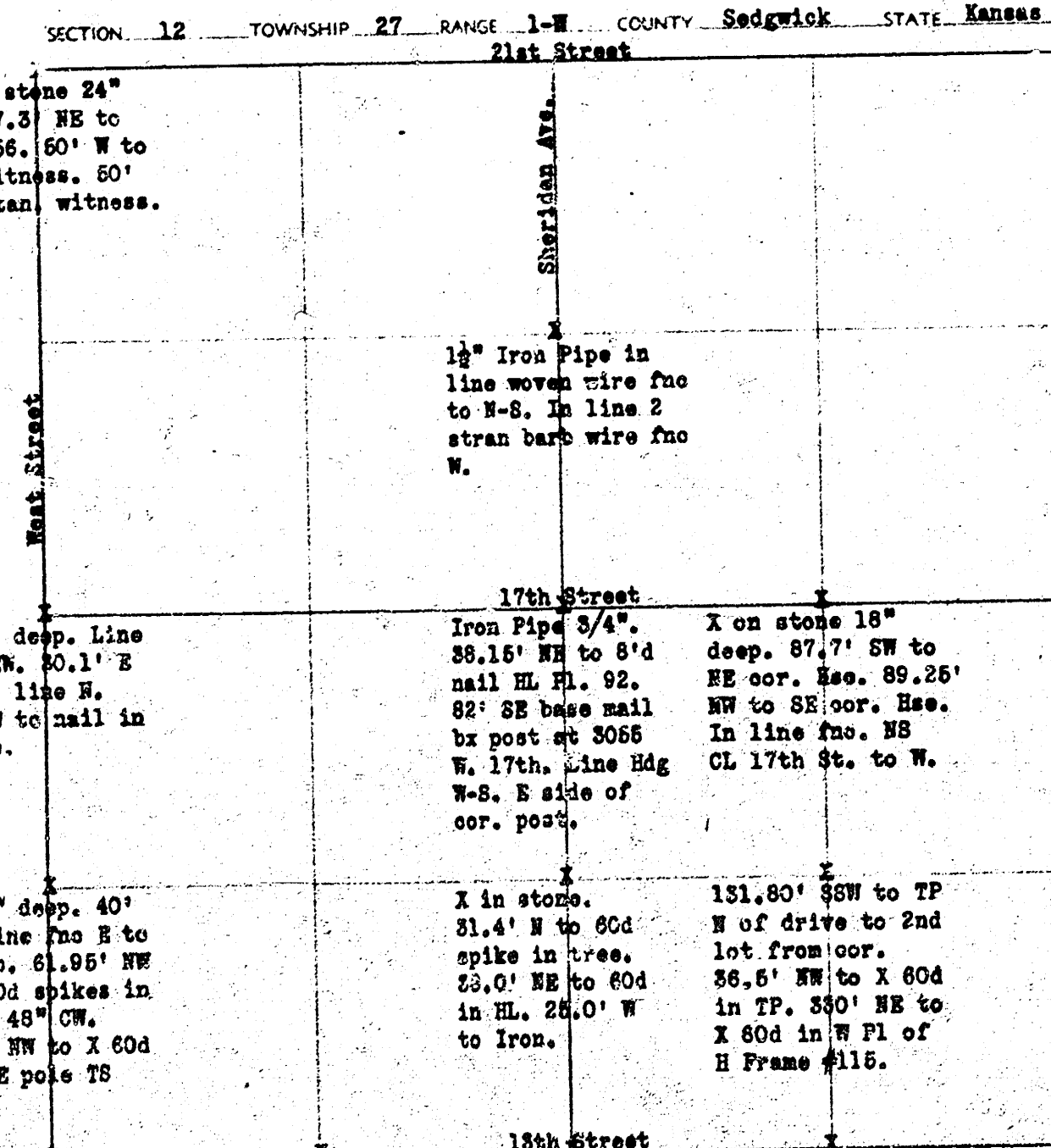
<u>Anchor No.</u>	<u>Description and Location</u>	<u>Elevation</u>
FC-BA #20	Mark is an "X" drilled in curbing on the south line of Central Avenue and east line of Richmond at about the external of the radius.	1303.04
FC-BA #21	Mark is a God spike in the south pole of EOSEM "A" frame structure where highlines cross from right bank to left bank of the Arkansas River, near Central Avenue and Molean.	1304.22
CITY BM	Mark is "0" in globe on curbing of St. Clair Ave. at the beginning of radius to Molean River. (City Elev. 115.90 plus 1187.28 is M.S.L. Elev. 1303.18)	1303.18
	or	
	Mark is "0" in globe on curbing of Molean Blvd at the beginning of radius to St. Clair Ave. (City Elev. 115.78 plus 1187.28 is M.S.L. Elev. 1303.06)	1303.06
	* Note: One of the above marks is a City BM on which the city engineers' office carries a city elevation of 116.04.	
FC-BA #22	Mark is a 3/8 inch bolt in a street light pole near the right bank of the Arkansas River, pole located opposite house #2221 Molean.	1304.79
USED TBM E-4	Mark is a whistled square on the curbing at the SW corner of Molean Blvd. and Millard Street. (Error of closure from USED TBM 71 to USED TBM E 4 as established 10 November 1953, 0.02' plus, elevations adjusted.)	1302.32
	(City Elevation plus 1187.28 equals Mean Sea Level Elevation)	



SECTION 18 TOWNSHIP 27-S RANGE 1-W COUNTY Sedgwick STATE Kansas



51.5' NE to 620 in
EL pole. 50.9' NW
to 481.608 in EL
pole. 43.0' E to
wing line E.



1935 Elevation plus 1187.28 equals Mean Sea Level Elevation.

TIES TO "M" TRAVERSE

Section 7, T-27-S, R-1-E

M 5

3/4" Iron Pin.
71.53' to FC-HA #6, 3/8" bolt in HL pole.
61.07' SW to NE corner of garage at 1945 Meridian.

M 6

3/4" Iron Pin on Hi-Bank River.
256.2' NSW to corner fence post.
29.0' N to tacks in 3' Mulch.
(Note 29.0' is slope dist.)

M 7

3/4" Iron Pin on Hi-Bank River, Hi-Point N of Plum Thicket
8.4' N to 3 tacks dead 10" Elm.
31.07' E to 3 tacks 8" Mulch.

M 8

2"x2" Hub.
454.44' S to X in concrete CL Clarence St. and N edge of Hse.
at 1679 Clarence.
X on line in concrete CL of Clarence St. and N line of 1607
Clarence.

M 9

3/4" Iron Pin.
3.22' W to K&E #1636.
63.72' NW to SE corner red brick Hse.

M 10

NW Property, Pin 1950 N. Castle.
1' W wood fence.
3' steel guard post at point.

M 11

3/4" Iron Pin.
60.44' W to 3 tacks in HL pole.
104.0' ENE to onis. square HA #13, 13th St. Bridge.
6.2' N to steel post marking, 13th St. and Charles.

TIES TO "M" TRAVERSE

Section 16, T-27-S, R-1-E

M 12

3/4" Iron Pin 2" below surface CL gravel road.
74.0' SW to 3 tacks 18" Mulch.
77.15' NE to 3 tacks 24" Elm.
122' SW to 4 6d's in 18" Maple.

M 13

3/4" Iron Pin.
54.55' ENE to SW corner brick Hse.
3.2' SE to 3 tack root of 18" Elm.

M 14

3/4" Iron Pin.
42.3' S20°W to nail in 14" Elm.
23.3' S45°E to nail in 12" Ash.
22.75' N75°E to nail in twin 14" Elm.

M 15

3/4" Iron Pin.
3.11' SW to 8d nail HL pole N side Meridian.
76.51' WNW to 8d nail HL pole S side Meridian.
99.19' SW to 8d nail HL pole S side Meridian.

TIES TO "M" TRAVERSE

Section 13, T-27-S, R-1-W

M 16

3/4" Iron 3" below CL 9th Street.
In line W side small frame house #2610 W. 9th.
36.76' ENE to 8d in end HL pole.
63.0' WNW to SE corner E H&W concrete culvert 1616 W. 9th.

M 17

3/4" Iron.
46.58' WNW to 8d nail in 8" corner post.
60.2' SW to steel corner post.
3.42' NW to K&E #137.

M 18

3/4" Iron.
In line S edge house 851 Edwards.
7.3' N to 6d nail in S gate post.
3' E of N-S fence.

M 19

3/4" Iron Pin.
86.1' WNW to HL pole.
4.0' W to fence N-S.
60.0' NW to 4"x4" corner fence post 807 Edwards.

M 20

X on curbing S line Central at CL walk entrance to
2601 W. Central.

TIES TO "M" TRAVERSE

Section 12, T-27-S, R-1-W

M 1

24"x2" Iron Pin 0.1' below blacktop.
56.43' SSW to 3 tacks K&E HL pole.
100.65' ENE to NW HA #1, 3/8" bolt S pole of K&E "A" Frame.
97.07' ENE to 3 tacks NW guard rail bridge.

M 2

3/4" Iron Pin.
4' SW to corner fence post.
48.50' NE to 3 tacks 18" Elm.
60.32' E to 3 tacks 18" Elm.

M 3

3/4" Iron Pin in fence W edge gravel drive and E edge alfalfa fld.
130.3' N to line of fence W.
20.3' E to line of fence N-S.

M 4

3/4" Iron Pin in line HL poles to S.
29.28' SSW to 3 tacks in W K&E "A" Frame HL pole.

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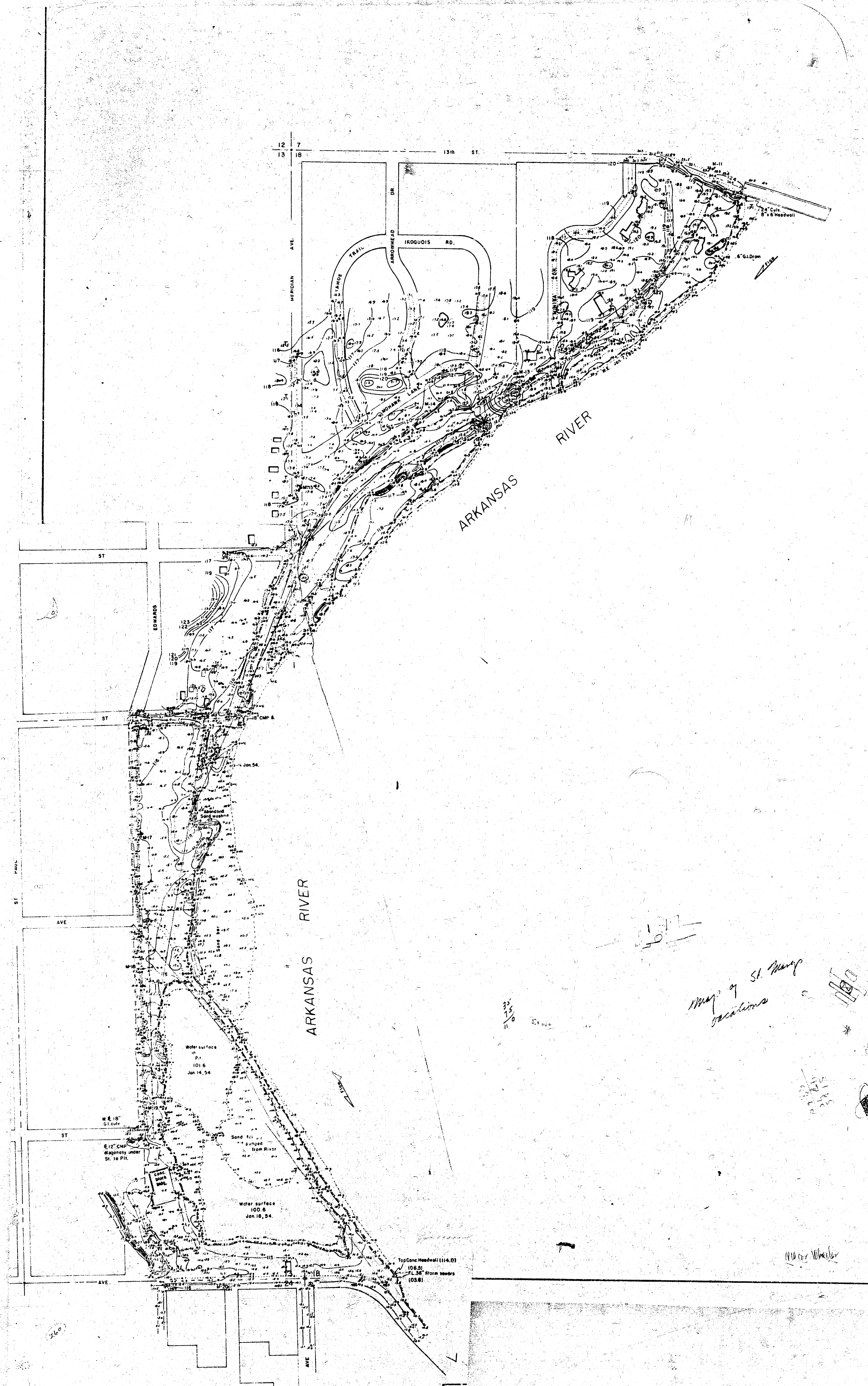
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In line S edge house 851 Edwards.
7.3' N to 6d nail in S gate post.
3' E of N-S fence.

M 19

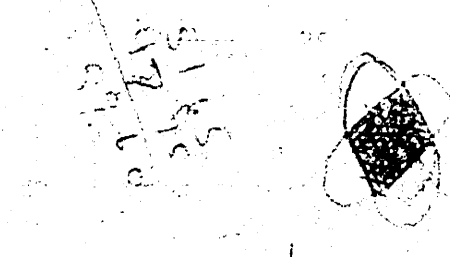
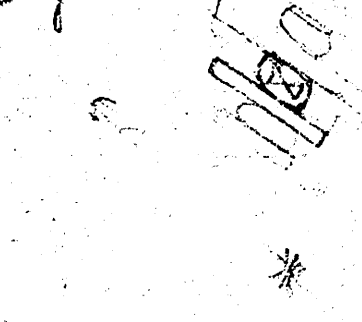
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86.1' WNW to HL pole.
4.0' W to fence N-S.
60.0' NW to 4"x4" corner fence post 807 Edwards.

M 20

X on curbing S line Central at CL walk entrance to
2601 W. Central.

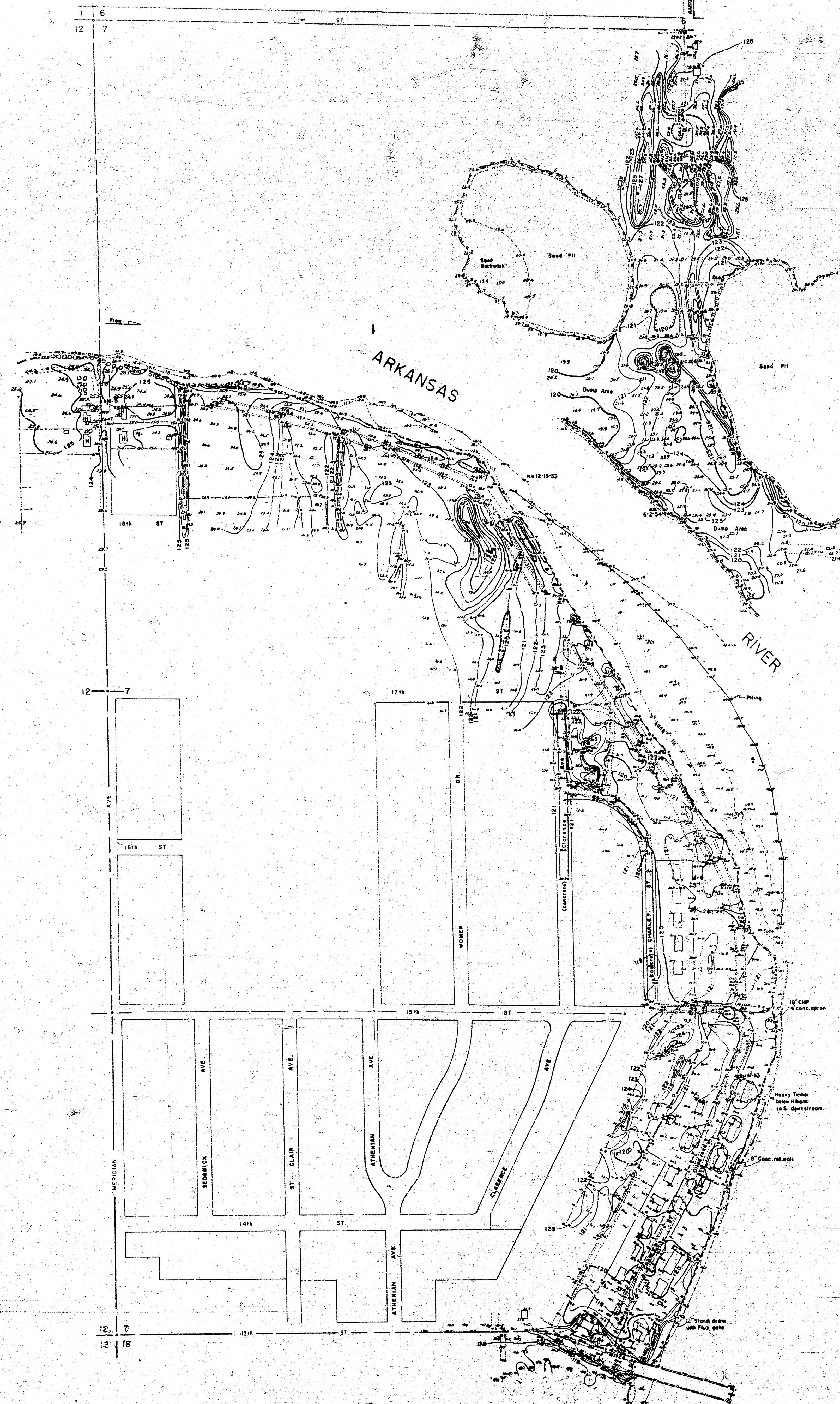


Map of St. Mary
Arkansas



100 ft





Scale 1 in. = 200 feet.

CITY-COUNTY FLOOD CONTROL OFFICE

TOPOGRAPHIC SURVEY
SEC. 7. T-27-S. R-1-E.