

TABLE 9-2 (CONT)

ORDER OF SUBMERGENCE OF AUTOMATIC GATED STRUCTURES

Structure	Corresponding Gate Stage	Man-Outlet	Invert Above Gate	Stream Affecting			
Order	Station	Bank	Size	Gate Elev.	Zero	No.	Operation
IV CHISHOLM CREEK DIVERSION, MIDDLE, WEST AND MAIN BRANCH							
1	1171+75	M	2-48"	Yes	1317.3	0.5	2 :Chisholm
2	1126+60	M	2-60"	Yes	1313.0	1.1	2 :Chisholm
3	1189+53	S	2-36"	Yes	1318.8	1.2	2 :West Branch
4	1271+50	M	1-42"	No	1327.5	1.5	2 :West Branch
5	1219+00	S	2-48"	No	1320.6	1.8	2 :West Branch
6	1258+45	M	1-36"	No	1326.6	2.7	2 :West Branch
7	1220+65	M	1-36"	No	1321.6	2.8	2 :West Branch
8	1135+89	D	1-30"	No	1315.3	2.9	2 :Middle Branch
9	1135+89	P	1-36"	No	1315.4	3.0	2 :Middle Branch
10	1256+00	S	1-36"	No	1326.6	3.1	2 :West Branch
11	1169+74	N	1-18"	No	1320.0	3.2	2 :Chisholm
12	1199+90	A	1-36"	No	1327.5	3.6	2 :Middle Branch
13	1270+00	S	1-24"	No	1329.5	3.7	2 :West Branch
14	1082+70	D	1-18"	No	1311.0	3.9	2 :Chisholm, Lit. Ark.
15	1254+50	N	2-48"	No	1329.4	4.2	2 :Chisholm
16	1060+00	K	3-60"	Yes	1308.8	4.4	2 :Chisholm, Lit. Ark.
17	1095+20	K	1-24"	No	1314.0	5.5	2 :Chisholm, Lit. Ark.
18	1231+70	N	1-48"	No	1328.4	5.7	2 :Chisholm
19	1242+85	N	1-36"	No	1330.4	6.3	2 :Chisholm
20	1014+00	K	1-48"	No	1312.2	6.8	2 :Chisholm, Lit. Ark.
21	1283+60	N	1-42"	No	1335.1	6.8	2 :Chisholm
22	1284+80	N	1-30"	No	1335.6	7.1	2 :Chisholm
23	1091+80	N	1-18"	No	1316.5	8.5	2 :Middle Branch
24	1215+90	T	1-18"	No	1331.8	10.5	2 :Chisholm
25	1114+90	D-P	2-48"	No	1304.8	-	- :Under Floodway

V LITTLE ARKANSAS RIVER LEVELS

1	1104+50	L	1-36"	No	1312.0	2.0	2 :Chisholm, Lit. Ark.
2	1129+50	K	1-36"	No	1313.5	3.5	2 :Chisholm, Lit. Ark.
3	1178+00	K	1-30"	No	1315.5	5.5	2 :Chisholm, Lit. Ark.
4	1189+80	L	1-18"	No	1316.5	6.5	2 :Chisholm, Lit. Ark.
5	1139+95	K	1-30"	No	1316.5	6.5	2 :Chisholm, Lit. Ark.
6	1155+15	L	1-48"	No	1317.6	7.6	2 :Chisholm, Lit. Ark.
7	1167+65	L	1-18"	No	1318.0	8.0	2 :Chisholm, Lit. Ark.
8	1133+20	L	1-36"	No	1322.3	12.3	2 :Chisholm, Lit. Ark.

*No gates, drainage under floodway.

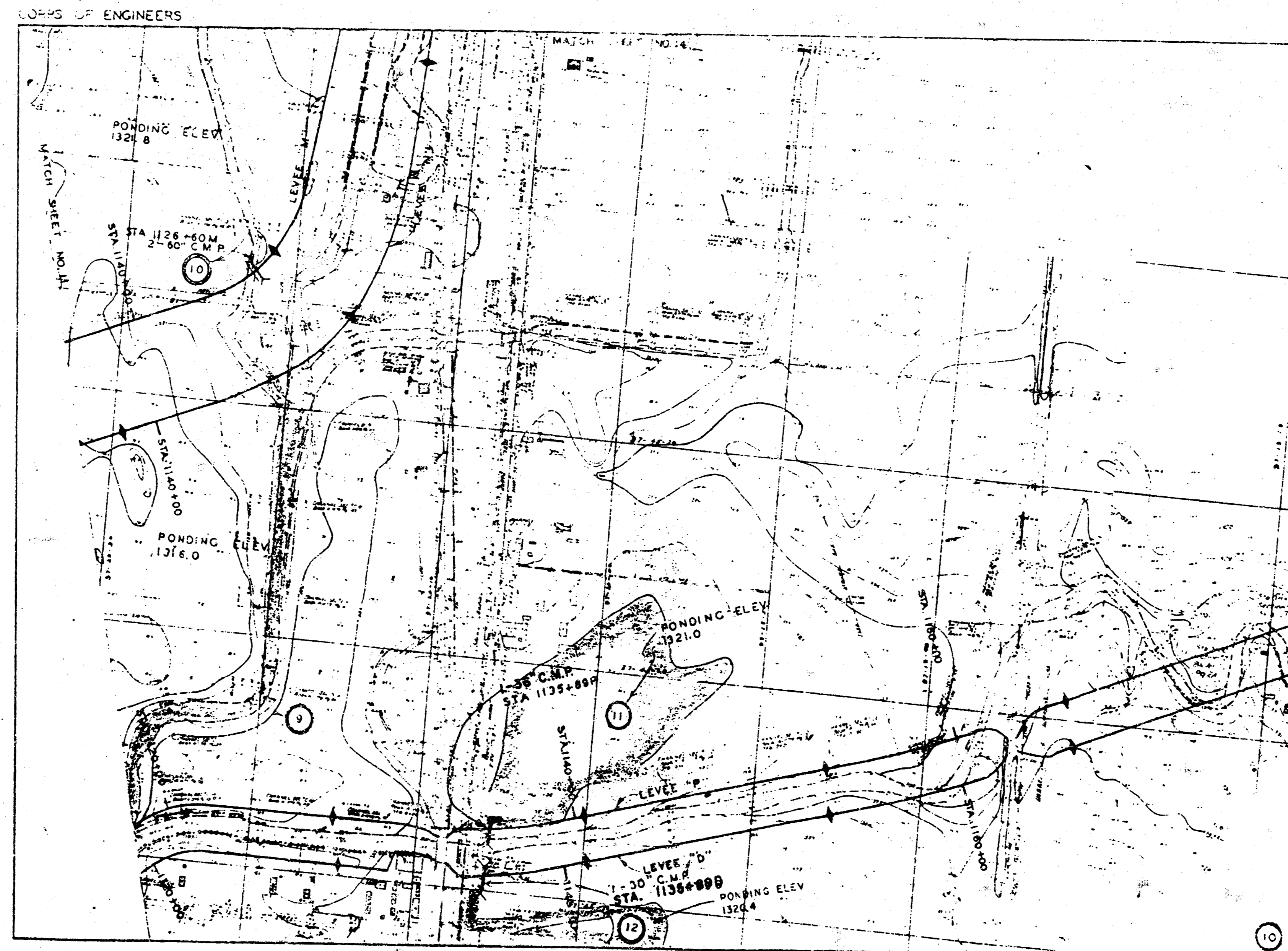
TABLE 9-1 (CONT)
DRAINAGE STRUCTURE DATA AND INTERIOR PONDING REQUIREMENTS

Structure	Type of Gate	Drainage Area (Acres)	25-Year: Pondage (Acres)	Area Covered (Acres)	Remarks
Station	Size	Man-Auto	Area	Eleva- tion	
S : 1189+60	2-36"	x : x	135 : 19	26.3 : 9	
S : 1219+00	2-48"	x : x	335 : 20	28.9 : 21	Overflows to 1219+00
S : 1256+00	1-36"	x : x	41 : 22	Minor :	Overflows to 1256+00S
T : 1270+00	1-24"	x : -	- : -	- : -	Overflows to 1270+00
T : 1215+90	1-18"	x : -	- : -	- : -	Overflows to 1215+90
P : 1114+90	2-48"	- : -	915 : 9	1316.0 : 5	Under Floodway
A : 1199+90	1-36"	x : x	57 : -	Minor :	Ponds in Roadside Ditch

9-03. Maintenance. Subparagraph 208.10(d) of the regulations contains the following pertinent requirements for maintenance of drainage structures:

"Adequate measures shall be taken to insure that inlet and outlet channels are kept open and that trash, drift, or debris is not allowed to accumulate near drainage structures. Flap gates and manually operated gates and valves on drainage structures shall be examined, oiled and trial operated at least once every 90 days. Periodic inspections shall be made by the Superintendent to be certain that:

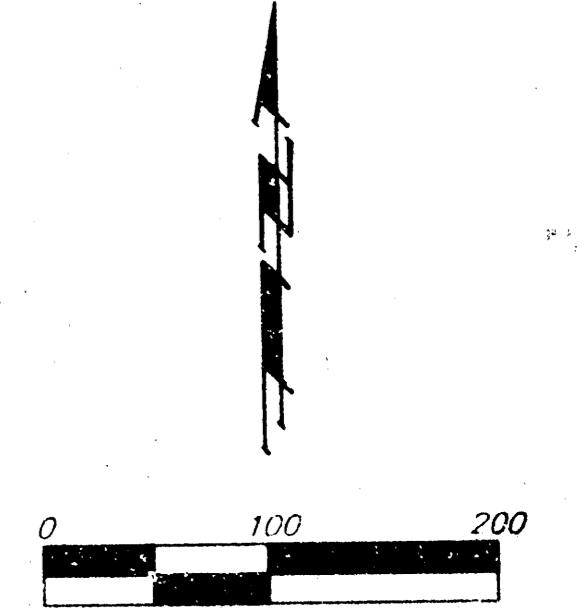
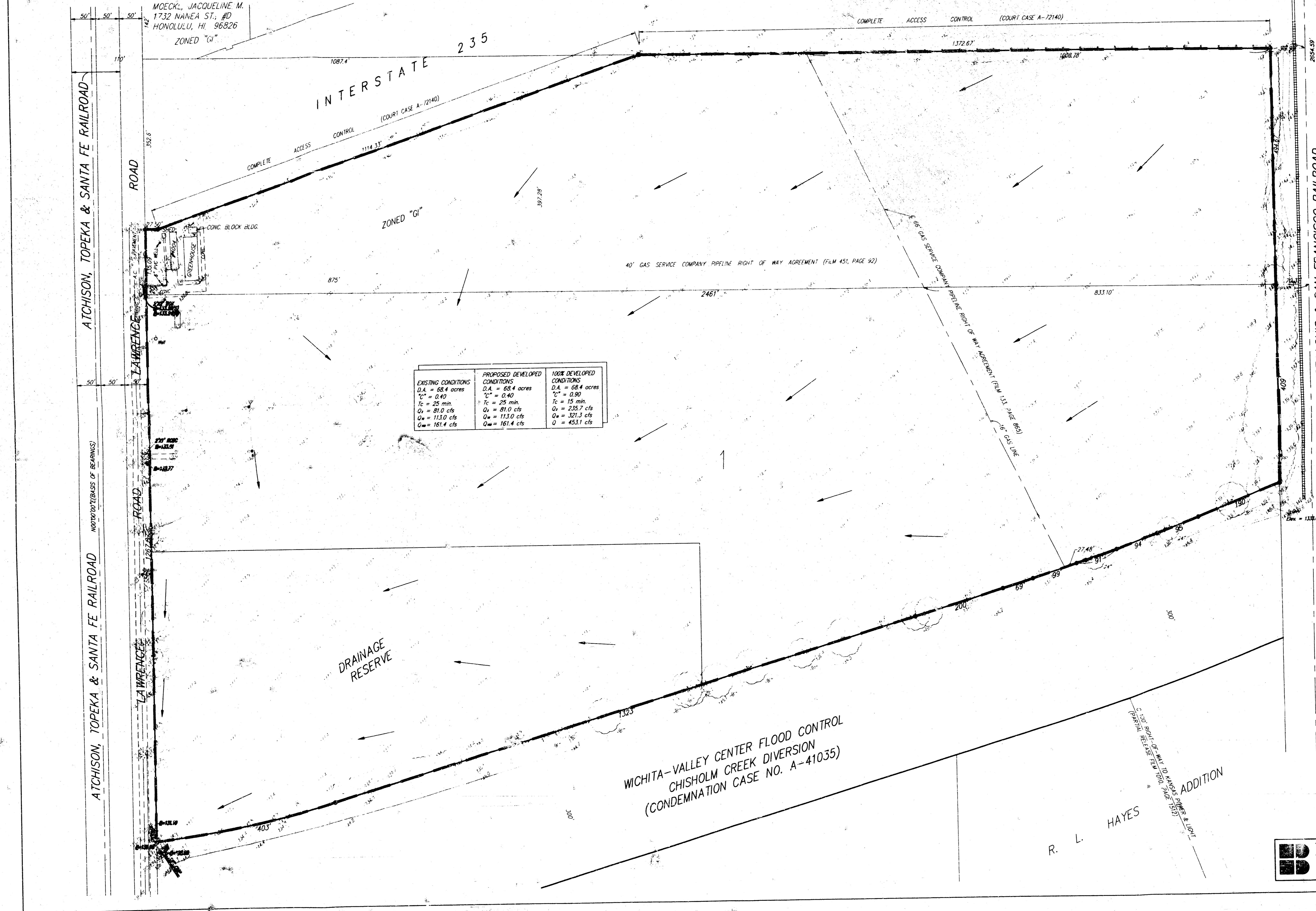
- Pipes, gates, operating mechanism, riprap and headwalls are in good condition.
- Inlet and outlet channels are open.
- Care is being exercised to prevent the accumulation of trash and debris near the structures and that no fires are being built near bituminous-coated pipes.
- Erosion is not occurring adjacent to the structure which might endanger its watertightness or stability.
- Immediate steps will be taken to repair damage, replace missing or broken parts, or remedy adverse conditions disclosed by such inspections.



DRAINAGE PLAN

OLD LAWRENCE ROAD ADDITION

SEDGWICK COUNTY, KANSAS



MINIMUM BUILDING PAD ELEVATION FOR LOWEST OPENING TO THE STRUCTURES		
LOT	CITY DATUM	1985
1	135.0	132.4

- ▲ = DRIFT PIN OVER STONE (FOUND)
- = #5 REBAR (FOUND)
- △ = STONE (FOUND)
- = 1/2" IRON N THIMBLE (FOUND)
- = #4 REBAR w/ BAUGHMAN CAP (SET)

LEGAL DESCRIPTION:
THE SOUTH 30 ACRES OF THE NORTH 61 ACRES OF THE SW1/4 OF SEC. 28, TWP. 26-S, R-1-E OF THE 6TH P.M. SEDGWICK COUNTY, KANSAS EXCEPT THEREFROM THAT PORTION CONDEMNED FOR HIGHWAY PURPOSES IN CASE NO. A-72140, TOGETHER WITH THAT PART OF SAID SEC. 28 LYING NORTH OF THE WICHITA-VALLEY CENTER FLOOD CONTROL, CHISHOLM CREEK DIVERSION (CONDEMNATION CASE NO. A-41035), EXCEPT THE NORTH 61 ACRES THEREOF EXCEPTING FROM BOTH TRACTS THE RIGHT-OF-WAY OF THE ATCHISON, TOPEKA, AND SANTA FE RAILROAD AND EXCEPTING FROM BOTH TRACTS THE RIGHT-OF-WAY OF THE ST. LOUIS AND SAN FRANCISCO RAILROAD.

OWNER:
LOVE BOX COMPANY, INC.
ATTN: NEMEL T. HILL
200 E. 37TH STREET NORTH
P.O. BOX 546
WICHITA, KANSAS 67219
PH: 316-838-0851

BENCHMARK:
BROADWAY & 37TH ST. N., CITY OF WICHITA DISC. 36" W. & 29" N. OF E. BOTH, 11.4 S5E TO CONC. P.P. & 42.5 S5W TO E. TRAFFIC SIGNAL MANHOLE.
ELEV. = 135.17 CITY DATUM

REVISED: JANUARY 1988
BY: R. L. HAYES

BAUGHMAN COMPANY P. A.
 ENGINEERING, SURVEYING, & PLANNING
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